Creating Opportunities

Green River Community College

2008-2009 catalog supplement

www.greenriver.edu

IMPORTANT PHONE NUMBERS

The main college telephone numbers are:

Auburn ..... (253) 833-9111
Eastside ..... (206) 464-6133
Tacoma ..... (253) 924-0180

Offices:

Admissions.....ext. 2500
Assessment and Testing Center.....ext. 2650
Campus Safety .....ext. 3350
Campus Tours .....ext. 6000
Career and Advising Center .....ext. 2641
Career Services .....ext. 2555
Cashier .....ext. 2050
Continuing Education .....ext. 2535
Cooperative Education .....ext. 2550
Counseling Services.....ext. 2460
Dean of Student Services and Enrollment Management .....ext. 3387
Dean of Student Services and Retention.....ext. 3328
Disability Support Services.....ext. 2631
Diversity Services.....ext. 2403
eLearning .....ext. 3354
Enrollment Services .....ext. 2500
Enumclaw Campus.....ext. 3400
Financial Aid .....ext. 2440
Health Services .....ext. 2430
International Programs.....ext. 3300
Kent Campus..... (253) 856-9595
Library.....ext. 2090
The Paper Tree bookstore.....ext. 2069
Project TEACH.....ext. 4361
Registration .....ext. 2500
Running Start.....ext. 2643
Student Life .....ext. 2400
Tech Prep .....ext. 2581
Trio/Student Support Services .....ext. 2655
Tutoring.....ext. 2325
Veterans' Service .....ext. 2466
Washington State Center of Excellence for Careers in Education.....ext. 4630
Welcome Center.....ext. 6000
Women's Programs.....ext. 2547
Worker Retraining .....ext. 2211
WorkFirst.....ext. 2211

FAX (ENROLLMENT SERVICES OFFICE)

(253) 288-3454

WRITING

To write for information or to send materials to the college, use the following mailing address:

Enrollment Services Office
Green River Community College
12401 SE 320th St.
Auburn, WA 98092-3622

WEB SITE

www.greenriver.edu

CAMPUS VISITS

One of the best ways to get information about a college is to visit the campus. Many students have reported that a personal visit to campus was how they decided that Green River was right for them. If you are interested in visiting Green River, call ext. 6000 for more information. Groups should call ext. 2637. Visits can include a stop at the Career and Advising Center and a talk with faculty members in programs of interest.

CATALOGS

Catalogs are available at Enrollment Services and on the Web at www.greenriver.edu.

CLASS SCHEDULES

Green River publishes a class schedule for each quarter of the academic year. Copies are available on campus, on the web, and are mailed to all residences in the college's service area several weeks before the quarter begins. A special early fall edition is printed in the spring for the following fall quarter. This schedule is available only on campus and is primarily used by continuing students who register for fall during spring quarter. For information, call Enrollment Services at ext. 2500 or visit Web site www.greenriver.edu/classschedule/.

INSTRUCTIONAL AREA BROCHURES

Call Enrollment Services (ext. 2500) for guides that give general information about individual professional technical programs.

ONLINE SERVICES AND STUDENT KIOSK

Online services allows students access to relevant information in a convenient, easy manner. The Student Kiosks are located in the Technology Center, Holman Library and throughout offices in the Lindbloom Student Center. They allow students to:

- view schedules
- access class information
- view financial aid information
- run a degree audit
- print an unofficial transcript
- view registration appointments
- change student PIN
- access tax credit information
- print HOPE scholarship information
- access scholarship information
- access schedule planner
- pay tuition by credit card
- register via web
- update or change address

Visit www.greenriver.edu/online.

Green River Community College does not discriminate on the basis of race, color, national origin, sex, sexual orientation, disability, marital status, religion, age or any other unlawful basis in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President of Human Resources, 12401 SE 320th St., Auburn, WA 98092, (253) 288-3320. **To receive this information in an alternative format, please contact Disability Support Services at (253) 833-9111, ext. 2631; TTY (253) 288-3359.**

Green River COMMUNITY COLLEGE

Get started at Green River

1 Apply

Choose one of 3 easy ways:

- Online by selecting **"Apply Online"** at **www.greenriver.edu**
- In person at the **Main** Campus (Zgolinski Welcome Center), **Enumclaw** Campus or **Kent** Campus
- Call for an application at **(253) 833-9111**, ext. **2500**

2 Determine your placement

Take the COMPASS* at the Main Campus (Zgolinski Welcome Center), **Enumclaw** Campus or **Kent** Campus.

For hours, cost and information go to **www.greenriver.edu/assessmenttesting** or call **(253) 833-9111**, ext. **2650.**

**The COMPASS helps place you in the proper math, reading and writing course. It is not a pass or fail test.*

3 Money for college

Familiarize yourself with the following resources and programs that provide funding assistance:

- Our Web site at **www.greenriver.edu/moneyforcollege**
- **Financial Aid,** Main Campus (Lindbloom Student Center, Room 231), **(253) 833-9111**, ext. **2449, finaid@greenriver.edu**
- **Workforce Education**, Main Campus (Science, Math, Technology building, Room 122), **(253) 833-9111,** ext. **2211, workforce@greenriver.edu**
- **Tuition Payment Plan**, Main Campus (Lindbloom Student Center, Room 274), **(253) 833-9111,** ext. **2500, enrollmentservices@greenriver.edu**

4 Advising & registration for classes

Sign up for a new student advising and registration session. Choose one of the following:

- In person at the **Main** Campus (Zgolinski Welcome Center), **Enumclaw** Campus or **Kent** Campus
- Online at **www.greenriver.edu/advising**
- By calling **(253) 833-9111**, ext. **2641**

5 Start classes!

To receive this information in alternative format, please contact Disability Support Services at (253) 833-9111, ext. 2631; TTY (253) 288-3359.

Admissions

WHO CAN BE ADMITTED?

Admission to the college is open to anyone who has a high school diploma, GED, or is at least 18 years old. Green River welcomes people of all income levels, backgrounds and previous educational experience.

WHEN SHOULD YOU APPLY?

Students who plan to start classes fall quarter may apply any time beginning December 1 of the preceding year. Students who complete the entry process first, get to register first, so applying early is an advantage.

Students may begin most programs any quarter, but some professional technical programs begin fall quarter only. See area of interest in the Programs of Study section of this catalog to determine program entry times.

Students who plan to begin their studies winter, spring or summer quarter may apply any time prior to the beginning of that quarter. Applications are accepted beginning September 1 for the following winter quarter; January 1 for the following spring quarter; and April 1 for the following summer quarter.

HOW TO APPLY

Students may apply for admission:

- online at www.greenriver.edu
- by submitting a Green River or State of Washington Uniform Community College Admissions form to Enrollment Services via mail or in person

Students may request an application be mailed to them by calling Enrollment Services at ext. 2500.

After the college has processed the application, students will be mailed an acceptance packet. The packet will include their student identification number, and a checklist guiding them through the process. The checklist includes information on assessment, orientation, advising, how to access their registration appointment, registration for classes, and more.

AGE EXCEPTION POLICY

The following guidelines apply to the admission of those persons who do not meet general admission requirements.

1. Students under the age of 18 who have not earned a diploma or the equivalent from an accredited high school may be admitted only upon appropriate release from their high school. Home-schooled students are also subject to the special admission requirements outlined below. Students will be required to submit a High School Release Form signed by the appropriate high school official when they apply for admission and register. These forms are available at area high schools. Applications for underage students must have a release form attached in order to be processed. If a student is below 9th grade, then a letter written on school letterhead and signed by an appropriate official, may be substituted.
2. Persons who have met the admission requirements of the Running Start program are exempted from the underage admission policy as stated in this catalog section.
3. Students under the age of 16 normally will not be admitted. If a potential student will not be 16 by the starting date of the quarter they wish to attend and want to pursue enrollment, the interested party must contact the Career and Advising Center to seek an exception. Enrollment decisions will be made according to the following criteria:

    a. The student must be referred to Green River by an academic institution or educator. This referral will include a required release form from the student's home institution, signed by the counselor (referring agency) and the student's parent or guardian. The high school release form must be submitted each quarter with an annotation by the high school counselor regarding what specific class(es) the student is to enroll in.

    b. Students who are admitted must complete formal enrollment prior to the first day of the quarter.

    c. If it is determined that the student is eligible for courses available through the public school system, the student should not be enrolled.

    d. Students must meet course prerequisites and demonstrate academic preparedness through COMPASS placement or an independent evaluation by a full-time faculty member from the impacted division(s).

    e. Appropriate evaluation of the student's maturity/college readiness. This can be accomplished through a personal interview between the student, the Director of Career and Advising or his/her designee, or the dean of the appropriate academic division, or the instructor of record for the course(s) to be taken. It may be appropriate to include the parent/guardian of the student in these discussions.

    f. Students may not drop or add courses during an approved quarter without appropriate approval from the instructor.

    g. Students are required to make academic progress (GPA of 2.0 or higher). Students not complying with these procedures will be disenrolled.

APPLICATION FOR RE-ADMISSION

Students who have not attended Green River for at least one quarter, may re-apply online or by calling Enrollment Services. Once their record has been updated, they will be assigned a registration time. Only students who have earned credit at Green River in the past are eligible to register as a returning student.

HEALTH SCIENCES SPECIAL ADMISSION REQUIREMENTS

The programs in Practical Nursing, Occupational Therapy Assistant and Physical Therapist Assistant have special admission requirements to ensure student success. Students need to refer to the Programs of Study section in this catalog for individual program requirements. For further information, contact the advisor for each Health Science programs at ext. 2641.

The Health Sciences programs comply with the "Child/Adult Abuse Information Act," RCW 43.43.830-43.43.840. Each Health Sciences student is required to submit to a background investigation for criminal history information prior to entry into the program.

INTERNATIONAL STUDENTS

ADMISSIONS

Qualified international students are admitted to Green River Community College each of the four academic quarters. International student applicants should submit an international application form no later than five to six weeks prior to the beginning of the academic quarter for which they want admission to the college. (See calendar for quarter dates, inside back cover.) The admissions process must be completed before the International Programs office will issue the Certificate of Eligibility Form I-20.

On the basis of their educational background and knowledge of the English language, international students may be admitted either to the college's academic or professional technical programs or to the Intensive English as a Second Language Program (IESL).

APPLICATION REQUIREMENTS

- Must be a high school graduate or at least 16 years of age
- Complete an international application for admission and submit it to Green River's International Programs office
- Send a $50.00 application fee
- Submit one of the following as a statement of financial support for one full year of study in the U.S.A.
  1. Personal or family sponsored: Bank statement, certification of wages, or similar statement of financial resources
  2. Government or company scholarship: Official sponsorship letter
  3. Sponsor living in the U.S.A.: Notarized I-134 sponsorship document

TRANSFER-IN STUDENTS

Admission of students transferring from other colleges is regulated by the same academic standards that apply to other Green River students. Transfer students are required to indicate all previous college work when they complete the application process.

Students transferring credits from other institutions, military experience or advanced placement must provide the Enrollment Services Office with official transcripts, along with a request form for transcript evaluation. Records become the property of Green River and will not be returned to students. Upon completion of the evaluation, students will be provided with a written response indicating which courses have been accepted as transfer credit to Green River and what the Green River course equivalent is for each transfer course. This correspondence will become part of the student's official record.

It is to the incoming student's advantage to request a transcript evaluation as early as possible. Registration access times at Green River are calculated on a credit-earned basis. Translated (accepted) credits will be used to assign an earlier registration access time after students have attended their first quarter at Green River. A transcript evaluation must be completed by the credentials evaluator prior to the next quarter's registration in order for students to get an earlier registration access time.

Financial Assistance

Financial Aid Office
(253) 833-9111, ext. 2440

If paying for college expenses is a concern, contact the Financial Aid Office to apply for assistance. Green River's philosophy is that people should have the opportunity to achieve their educational goals, regardless of income. Grant, loan and work-study programs may be available for those needing assistance.

ELIGIBILITY

To be eligible for financial assistance through federal and state programs, a student must:

- have a high school diploma or GED certificate;
- be enrolled in an eligible degree or certificate program;
- be a U.S. citizen or national, or an eligible non-citizen;
- meet satisfactory academic progress standards;
- not owe a refund on any federal grant or be in default on a federal student loan;
- register for selective service, if male and age 18 or older; and not recently convicted for possession or sale of a controlled substance (illegal drugs).

HOW TO APPLY FOR FINANCIAL AID

Apply for admission to the college.

Students should complete the Free Application for Federal Student Aid (FAFSA) and mail it to the federal processor by April 15. In addition, complete and return the Green River Financial Aid Application and any other required documents to the Financial Aid Office by April 15. Applications completed after April 15, will be awarded only if funds remain available.

Students need to re-apply for financial aid each year.

Students will be notified of any financial aid award by mail. Awarding typically begins in June and continues throughout the year. For more information, contact the Financial Aid Office.

Financial aid is available to all qualified students regardless of race, ethnicity, creed, color, national origin, sex, marital status, sexual orientation, age, religion, or the presence of any sensory, mental or physical disability, status as a disabled person or veteran of war, in accordance with the Americans With Disabilities Act of 1990, Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

FINANCIAL AID PROGRAMS

Grants	Brief Description
Federal Pell Grant	A federal grant program for undergraduate students.
Federal Supplemental Educational Opportunity Grant	A federal grant program for undergraduate students.
Washington State Need Grant	A state grant program for undergraduate students.
State Tuition Waiver	A state program to cover tuition costs.

Employment Programs

Federal Work-Study	A federal program to provide employment opportunities for students on or off campus.
State Work-Study	A state program to provide employment opportunities for students on or off campus.

Loan Programs

Federal Stafford Loan	A federal loan program with deferred repayment and variable interest rates.
Federal Plus Loan	A federal loan program for parents of dependent students. Variable interest rate with immediate repayment.

Scholarships

Green River Foundation Scholarships	A variety of scholarships funded by the Green River Foundation.

SCHOLARSHIPS

Financial Aid Office
(253) 833-9111, ext. 2449

The Green River Community College Foundation offers over 80 different scholarships to new and/or returning students each year. Scholarship criteria can range from areas such as talent, academics, career interest, program of study or leadership, to a need basis or single parent status. In addition, the Financial Aid Office provides scholarship search resources, scholarship listings and applications from off-campus.

SPECIAL PROGRAMS

Financial Aid Office
(253) 833-9111, ext. 2465

Students working with agencies such as Labor and Industries, Division of Vocational Rehabilitation, Workforce Training, Work Source, Trade Readjustment Act, Division of Rehabilitation-Veterans Chapter 31 or other agencies that are assisting in the funding of tuition, fees, books and supplies, should come to Special Programs, located in the Financial Aid Office, to turn in paperwork and pick up tuition and book vouchers.

WORKFIRST TUITION ASSISTANCE

(253) 833-9111, ext. 2211

WorkFirst helps needy men and women learn job-specific skills so that they can earn a better living. Participants who qualify for WorkFirst can receive financial aid to pay for tuition, books, and fees.

WORKER RETRAINING

(253) 833-9111, ext. 2211

Assistance for Laid-off Unemployment Recipients and Displaced Homemakers

Worker Retraining is a partnership of community and technical colleges and the state Employment Security Department. It provides job training for both unemployed workers and those who face imminent layoffs. With Commissioner Approval, Worker Retraining students can enroll in professional technical training, continue to draw the unemployment benefits to which they are entitled, and stop seeking work if it interferes with classes or studies. In addition, if you have been self-employed or consider yourself a displaced homemaker, you may qualify for Worker Retraining assistance.

Assessment

Assessment & Testing Center
(253) 833-9111, ext. 2650

ASSESSMENT AND TESTING CENTER

Enrolling students take a computerized assessment for course placement. Assessment is a tool that identifies the student's skill levels in math, reading, and writing. Students must have an application for admission on file prior to completing the assessment.

Sometimes referred to as an assessment test, it is not a test that can be passed or failed. The "score" on assessment simply indicates the appropriate starting point for each student enrolling in core subjects.

ENGLISH PLACEMENT

Students are placed in their first English writing class based on their assessment evaluation. The English assessment will evaluate skills in writing, punctuation, grammar and composition. Students then follow the English sequence required for their educational or degree goals.

READING PLACEMENT

Students are recommended to the appropriate reading or study skills class by the assessment. Skills reviewed are vocabulary, comprehension, ability to make inferences and locating main topics and ideas. Students then follow the reading sequence required for their educational goal.

MATHEMATICS PLACEMENT

Students are placed in their first math class after they have completed the math assessment. Students then follow the math sequence that is necessary for their degree or educational goal. Students who have completed calculus should notify the Assessment Center staff. See Assessment Center staff for more information.

ASSESSMENT WAIVER

Assessment is required for all new students, those seeking a degree and/or certificate, and those who plan to enroll in English or math courses. Assessment may be waived for the following:

- Students who have earned an Associate in Arts degree or higher from another college or university and who submit official transcripts showing successful completion of college-level math and English 110 (or its equivalent).
- Transfer students who submit official transcripts showing successful completion of college-level math and English 110 (or its equivalent).
- Students planning to take seven or fewer total credits that do not include or require math or English.
- Students who have taken the Advanced Placement examination in Math and English and received a grade of 3, 4 or 5 in each area. (See Advanced Placement for more information.)

Questions regarding student entry assessment and exemptions should be directed to the Assessment and Testing Center in the Zgolinski Welcome Center. Call ext. 2650.

FOREIGN LANGUAGE PLACEMENT

1. Beginning students or those with one year or less of a high school language begin in foreign language courses numbered 101 unless otherwise placed by a foreign language instructor.
2. Students who have taken more than one year of a high school foreign language must be placed by a foreign language instructor.
3. Students who have taken a college foreign language should continue the sequence.
4. Students transferring to a four-year institution should know the foreign language requirements at the school of their choice.

Advising

Career and Advising Center
(253) 833-9111, ext. 2641

New Student Orientation is an opportunity to meet other new students and to learn more about the many campus resources and services available to students at Green River. Sign up for a new student advising and registration session. Choose one of the following:

- In person at the main campus (Zgolinski Welcome Center), Enumclaw Campus or Kent Campus
- Online at www.greenriver.edu/advising
- Calling (253) 833-9111, ext. 2641.

Goal Clarification

Career and Advising Center
253-833-9111, ext. 2641

The Career and Advising Center staff will guide students through the process of enrolling in courses to meet your educational needs. The advising program is an important service to students. Full-time faculty members, educational planners and other trained staff serve as advisors to help students set educational goals. Advisors will provide information about classes, programs and educational support services within the college. Participation in advising will provide students with individualized attention needed to discuss goals, select classes and meet with knowledgeable faculty in their field of study.

Although advisors are available to assist with program planning, it is your responsibility to be informed about your degree or program requirements and college policies. Students who intend to transfer to a four-year college should take time to learn about that school's requirements.

To make the advising experience work, Green River suggests:

- Get to know your advisor. Visit with your assigned advisor at least once a quarter, if not more often. This person is available to help students succeed, so take advantage of this resource.
- Determine the classes you need to complete your educational goals. Make a list and ask your advisor to help map out an educational plan and timetable.

If transferring to a four-year college or university, identify the school(s) as early as possible and carefully review their catalog(s) and transfer requirements. College catalogs, transfer guides and other college information are available for student use in the Career and Advising Center.

Additional advising resources are available under Career and Advising Center in the Current Student section on the Green River Web site.

Registration

Enrollment Services
(253) 833-9111, ext. 2500

The final step is to secure class selection. Registration is the process by which students schedule classes at the beginning of each quarter or at other specified times. Dates to register for classes are announced by the college each quarter and published in the quarterly class schedule. Students may view their registration access time at www.greenriver.edu/online.

CANCELLATION OF ADMISSIONS AND REGISTRATION

Green River Community College reserves the right to deny admission to, or cancel the registration of, any individual whose attendance would not be of mutual benefit to the individual and the college.

COLLEGE COSTS

In estimating college costs, students will need to include amounts for tuition, special fees, books, supplies, transportation and living expenses. Textbooks and supplies can cost up to $500 per quarter, depending on the program. Textbook prices are subject to change without notice.

TUITION AND FEES

Tuition and fees are set by the state legislature and are subject to change. See **Tuition Rates** chart below. Current tuition rates are published in the Quarterly Class Schedule.

OTHER FEES

A special services fee of 50¢ per credit is applied to all credits.

A technology fee of $5 per credit to a maximum of 12 credits, not to exceed $60. This fee was established by a student vote to cover the cost of equipment, printing, and tech support for the Technology Center.

A facilities fee of $17.50 minimum, and $3.50 per credit after 5 credits, not to exceed $35, is applied to all credits.

A late fee of $35 per class will be applied to all classes added after the tenth day of the quarter.

A Student Center fee of a flat $25 (this fee was established by a student vote to cover the cost of a new Student Center).

SPECIAL COURSES FEES

Assessment	12.40
Cap and gown, tassel	24.00
General Education Development Test (GED)	75.00
GED retest	15.00
Graduation fee	10.00
Lock fee (refundable)	7.50

All fees are subject to change.

SPECIAL COURSES

Parent Child Education	$11 per credit
Basic Skills	$25 per quarter

COMPLETE WITHDRAWAL FROM COLLEGE

We strongly encourage students to discuss any plans for withdrawal with their faculty advisor or an educational planner. If students wish to terminate enrollment in the college, they must do the following:

Obtain a registration form from the Enrollment Services Office.

Tuition Rates 2007–2008 *Tuition and fees are subject to change by the Washington State Legislature.*	**Washington Resident**	**U.S. Citizen/Immigrant Non-Resident Waiver**	**International and Other Non-U.S. Citizen**
Per credit (1-10 credits)	$75.80	$89.00	$247.50
Per credit (11-18 credits)	30.40	32.70	34.60
Per credit (19 credits and over, except as noted below for those who qualify)	68.20	81.40	239.90
Professional Technical surcharge for more than 18 credits (per credit)	30.40	32.70	34.60
* Veterans per credit (1-10 credits)	68.20	N/A	N/A
* Veterans per credit (11-18 credits)	30.40	N/A	N/A
* Veterans surcharge for more than 18 credits (per credit)	68.20	N/A	N/A
High School Diploma age 19 and over (per credit)	30.40	32.70	247.50

** See Enrollment Services Office for specific guidelines. Copy of DD214 required.*

***NOTE:** Students auditing classes pay regular tuition and fees.*

Non-Resident Waiver — U.S. citizens and INS-approved permanent residents are eligible for this waiver while establishing their Washington state residency.

International and other — Visa classifications that are not eligible to establish residency, including international students.

Complete the withdrawal portion and obtain the signatures of all instructors involved (if it's after the third day of the quarter).

Return the form to the Enrollment Services Office.

Please refer to the college's Academic Standards and Progress Policy in the student handbook.

CREDIT LOAD

Students must enroll for a minimum of 12 credits to be considered a full-time student for financial aid, insurance or other programs. A full-time student will enroll for an average of 15 to 18 credits each quarter.

If students are enrolled in a professional technical degree or certificate program, a load of 25 credits is the maximum for which they may register per quarter. Students must have permission from an administrator for a credit overload.

If students are not in a professional technical program and wish to enroll for more than 20 credits, they must complete a Student Request for Credit Overload form and obtain special permission from their advisor and from an administrator. Students must have a minimum cumulative GPA of 3.0 for their request to be considered.

If students are heavily involved in extracurricular activities, they may want to limit themselves to a 12-credit load. Twelve credits is the normal requirement for eligibility in the activity program at Green River and the Northwest Athletic Association of Community Colleges.

WHEN TO REGISTER

Currently enrolled students are assigned registration access times determined by the number of credits earned at Green River, and by any transferred credits from other institutions that have been evaluated by Green River. Registration dates are listed in the quarterly class schedule and registration access times are posted two weeks prior to the start of registration. Students may view their registration access time through our Web site at www.greenriver.edu/online, then "registration access time."

New student registration begins immediately following the currently enrolled student registration cycle. New students who have an application on file will automatically be assigned a registration access time, determined by their application date. New students will be mailed registration information prior to the new student registration cycle. Advising is required for students their first quarter.

ONLINE REGISTRATION

Personal Identification Number (PIN)

Your original PIN is a randomly assigned number. You will be assigned a PIN once you have completed your new student advising session. To change your PIN via the Web, follow these instructions:

Web (online)

- Go to Web site www.greenriver.edu
- Select "Future Students" or "Current Students"
- Select "Online Services"
- Select "Student PIN change"
- Enter Student ID
- Enter old PIN
- Enter new PIN
- Confirm new PIN
- Select "Change"

Web Inquiry Option

In addition to registering, the Web offers a variety of inquiry options. Once you have accessed the Web, a menu will walk you through the steps. The options available:

- Class Information
- Degree Audit
- Financial Aid Inquiry
- Hope Scholarship
- Registration Access Time
- Web Registration
- Schedule Planner
- Student Address
- Student PIN Change
- Student Schedule
- Tax Credit Information
- Unofficial Transcript
- Waitlist Inquiry and update
- Web Admissions Center

LAST DAY TO REGISTER

Students must register by the third day of classes. Students may not unofficially attend a class and register after the tenth day of a quarter. The only exceptions to this rule are identified late-start classes and those classes categorized as continuous enrollment, as indicated by the Curriculum Office.

Please note: A late fee of $35 per class will be applied to all classes added after the tenth day of the quarter.

NO SHOW REPLACEMENT

If a student misses the first three sessions of a day class or the first two sessions of an evening class without notifying the instructor, the student may be submitted as a 'no-show.' If submitted as a 'no-show,' a "0.0" grade (failing) will be posted to the student's transcript at the end of the quarter. To have the failing grade removed from the student's permanent record, the student must officially withdraw him/herself from the class prior to the "last day to complete official withdrawal" date as published in the quarterly class schedule. It is the student's responsibility to complete and submit the required paperwork to Enrollment Services with the instructor's signature.

REFUND POLICY

When students reduce their class load or completely withdraw from school, whether they have attended classes or not, Green River will refund tuition for their dropped credit(s) according to the refund conditions listed below. **Fees are non-refundable after the first day of the quarter. (Summer quarter differs — review the quarterly calendar for refund dates.)**

Students will receice a **100 percent** refund when:

- Students reduce their class load or completely withdraw from school, complete the Registration Change of Schedule form and submit it to Enrollment Services prior to or on the first official day of the quarter (or prior to or on the first session of class for identified late-start classes that begin after the first week of the quarter).
- Courses or programs are canceled by the college.

Students will receice a **80 percent** refund when:

- Students reduce their class load or completely withdraw from school, complete the Registration Change of Schedule form and submit it to Enrollment Services during the second through fifth day of classes of the quarter (or during the second through fifth day of classes of the quarter for identified late-start classes that begin after the first week of the quarter).

Students will receice a **40 percent** refund when:

- Students reduce their class load or completely withdraw from school, complete the Registration Change of Schedule form and submit it to Enrollment Services during the sixth through 20th calendar day of the quarter (or during the sixth through 20th day of the quarter for identified late-start classes that begin after the first week of the quarter).

Students forfeit all claims to refunds of tuition when:

- They discontinue their class or classes without completing the proper forms and procedures.
- They withdraw after the 20th calendar day of the quarter or after 25 percent of the course or program has elapsed, whichever comes first.
- They discontinue their class or classes because of misconduct.
- The Board of Trustees indicates in the college catalog, quarterly class schedule, and/or course announcement, that such fees are non-refundable.

Please note these additional conditions:

- Course fees for self-supporting, continuing education, and some Kent Campus classes are exempt from this refund policy. (Contact the Continuing Education Office or Kent Campus for further information.)
- Exceptions may be made for medical reasons or unforeseen military duty. A written appeal must be sent to the Registrar with documented proof.
- Refunds of less than ten dollars ($10) will not be made.
- Students who have paid fees for equipment or materials that have a return/refund value must have the responsible instructor or staff person complete the appropriate form approving the refund.
- Co-op, technology, and facility fees will be refunded for withdrawals through the first day of the quarter (or prior to or on the first session of class for identified late-start classes that begin after the first week of the quarter).
- Other fees that are non-refundable and not subject to this policy will be set by the college Board of Trustees and identified as such in the quarterly class schedule.
- Special services fee (50 cents per credit) will be refunded for withdrawals through the first day of the quarter (or prior to or on the first session of class for identified late-start classes that begin after the first week of the quarter).

FORMS

Change of schedule forms, which enable students to request refunds, are available in Enrollment Services and on the Web. Forms are also available for requesting an exception to the refund policy.

APPEALS

Students have the right to appeal refund decisions within one calendar year of their payment when there are special circumstances involved. All appeals must be submitted to the Registrar in writing with documented proof.

REFUNDS/RETURN OF FEDERAL FINANCIAL AID FUNDS

Green River's tuition refund policy operates independently from the federal financial aid refunds policy required for financial aid recipients. Tuition refunds are not returned directly to financial aid recipients; they are returned to financial aid accounts.

When students withdraw from classes or stop attending before 60% of the quarter has elapsed, unearned Title IV federal funds (grant and loan) must be returned to the federal accounts by both the student and the college. The amount of earned and unearned funds is based upon the number of calendar days of class attendance. If the student attended 40% of the quarter, both the school and the student will be allowed to retain 40% of the eligible aid. The student and the college would then be required to return a portion of the unearned 60% of aid to the grant and loan accounts.

If the student shows eligibility for funds not yet disbursed, a late disbursement of aid can be made even though the student has ceased attendance.

ACADEMIC POLICIES AND PROCEDURES

ACADEMIC RECORDS

CHANGE OF ADDRESS

If the students' current address is different from the one on file, they must file a change of address form with the Enrollment Services Office or access our Web site at www.greenriver.edu/. This will enable the college to mail important information to the correct address. If students fail to complete a change of address form, the college will not be responsible for problems in communication with the student.

CONFIDENTIALITY OF RECORDS

A student at Green River has the right to examine his/her educational records, and the college may not, without the student's permission, let others examine those records for other than educational purposes, per the Family Educational Rights and Privacy Act (FERPA) policy.

DEGREEWORKS

Degree Works is a degree audit program that allows **current** students to view courses that are completed, transferred, or currently enrolled against the degree requirements in their program. DegreeWorks can be accessed at www.greenriver.edu/online, then select "DegreeWorks Audit."

NAME CHANGES

It is important that a student's name is accurately reflected on his or her individual record. The Enrollment Services office maintains a confidential record of the student's last name, first name, middle initial and up to two previous last names. It is the student's responsibility to notify the Enrollment Services office of any change.

To report a name change on their record, students must:

- Submit it in writing. Complete a student information change form.
- Initiate the change. Signature is required.
- Show documentation. A copy of a marriage certificate, divorce decree, adoption papers, court order or other legal documents must be attached to the request.

STUDENT IDENTIFICATION NUMBER

All students are assigned a SID to use for all transactions at Green River Community College. If you forget, or lose your assigned SID, you will need to bring picture ID into Enrollment Services to obtain your number.

Green River requests social security numbers at the time students make application to the college. As authorized under state law SB5509, the SSN will not be used as the SID number that would appear on the class rosters and most other documents. Generally, the SSN is stored confidentially in your records and used only for necessary purposes as authorized by law. Those purposes include the following:

- Financial aid, including loan deferments from other colleges or universities
- Hope scholarship and Lifelong Learning (tuition tax credits)
- Financial aid related to verification through National Student Clearinghouse
- Workforce or unemployment data matching purposes
- Official transcripts for identification of official records

STUDENT RIGHT TO PRIVACY (FERPA)

All student educational records are maintained according to the Family Educational Rights and Privacy Act of 1974 (FERPA) concerning the information, which becomes part of the student's permanent record and governing the conditions of its disclosure. Students have the right to see their records and to request an amendment to those records.

Only directory information can be released without the student's authorization. A student must sign a release in order to have any other information disclosed or to withhold all information. Education information may be released to other institutions that have requested the records and in which the student seeks or intends to enroll. Information may be released to a third party without student's consent if an emergency situation exists or if information is requested officially by means of a subpoena, court order or legal report. Additionally, Congress requires student information to be released to military recruiters if officially requested. **Directory information may include student's name, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational agency or institution attended by the student, and other similar information.**

TRANSCRIPTS

A transcript of your permanent record of grades is maintained in the Enrollment Services office and is available to you by written request only. An official transcript of grades will be sent to any high school, college, university or other agency upon the student's request. To have a transcript sent, you must complete and submit a transcript request form to the Enrollment Services office. Processing takes two business days contingent upon completion of current quarter's grading. Total number of transcripts exceeding 5 copies will be subject to a charge.

A "hold" may be placed upon your records for financial obligations to the college. Holds on permanent records must be cleared by the student before transcripts will be released.

Transcripts covering previous secondary or college education that are submitted to Green River as part of the admissions/records process become part of your official file. They cannot be returned to you or forwarded to a third party. If you want a transcript of work completed elsewhere, you must order a transcript from the appropriate institution. Green River does not issue or certify copies of transcripts from other institutions.

How do I get a copy of my transcript?

- Students can fill out a transcript request form at the Enrollment Services window to pick up an official copy of their transcript, allowing two business days for processing. Picture ID required.
- Students can send a letter requesting a transcript which includes student name, student identification number, student's signature, birth date, and the approximate date when they last attended Green River.
- Students may print unofficial copies of their transcript at our Web site at www.greenriver.edu/online or request a copy from Enrollment Services. Picture ID required.

ACADEMIC POLICIES

ACADEMIC STANDARDS & PROGRESS POLICY

Every student who enrolls at Green River Community College becomes a partner with the college and the state of Washington with shared responsibilities for student progress and goal completion. As part of our responsibility to each student and to the state that helps to fund each student's college education, Green River has established expectations of student progress and academic performance.

The College monitors student progress and academic performance and intervenes when expectations are not being met. In such cases, the College may determine that a student is not benefiting from continued enrollment and may take steps to limit or deny future enrollment.

Getting Started

ADVANCED PLACEMENT – GENERAL EXAMINATIONS				
Exam Name	**Minimum Score**	**GRCC Course**	**Distr**	**Comment**
Art 2D Design	4	Art 109–Beginning Design	Hu	GRCC department faculty will review student AP portfolio for acceptance of credit. An additional portfolio of 5 abstract artworks plus an essay evaluating design principles of an artwork is recommended.
Art 3D Design	4	Art 110–Design and Color	Hu	GRCC art faculty reviews student AP portfolio.
Art History	5	Not available	Elective only	
Art Studio (Drawing)	4	Art 105–Beginning Drawing	Hu	GRCC department faculty will review student AP portfolio for acceptance of credit.
Biology	3	Biol 100–Introductory Biology	LS	
Calculus AB	5	Math 124 **and** 125 (10 credits)–Calculus & Analytic Geometry 1 & 2	NS	
Calculus AB	3	Math 124–Calculus & Analytic Geometry 1	NS	
Calculus BC	4	Math 124 **and** 125 (10 credits) Calculus & Analytic Geometry 1 & 2	NS	
Calculus BC	3	Math 124–Calculus & Analytic Geometry 1	NS	
Computer Science A	3	GE/C Sci 142–C++ Programming	NS	
Computer Science AB	3	C Sci 144–Java 1	NS	
English Language/Comp	5	Engl 110, **and** Engl 111, 112 or 113 (10 credits) - College Writing **and** Writing: Humanities Writing: Social Sciences **or** Research Writing: Science, Engineering and Business	BS/Hu	
English Language/Comp	4	Engl 110–College Writing	BS/Hu	
English Language/Comp	3	Waive Engl 110–College Writing, no credit awarded	BS/Hu	
French Language	3	Fren 101–Elementary French	Hu	
French Language	4	Fren 102–Elementary French 2	Hu	
French Language	5	Fren 103–Elementary French 3	Hu	
French Literature	5	Not Available	Elective only	

Hu = Humanities/Fine Arts/English
LS = Lab Science
NS = Natural Science
BS = Basic Skills
SS = Social Science

ADVANCED PLACEMENT – GENERAL EXAMINATIONS				
Exam Name	**Minimum Score**	**GRCC Course**	**Distr**	**Comment**
German Language	3	German 101–Elementary German 1	Hu	
German Language	4	German 102–Elementary German 2	Hu	
German Language	5	German 103–Elementary German 3	Hu	
German Literature	5	Not Available	Elective only	
Government & Politics (American)	4	P Sci 202–Introduction to United States Government and Politics	SS	
Government & Politics (Comparative)	4	P Sci 201- Comparative Politics and Religion	SS	
History (European)	5	Not Available	Elective only	
History (U.S.)	4	Hist 221 or 222–United States to 1877 **or** United States 1877 to Present (5 credits)	SS	
History (U.S.)	5	Hist 221 and 222–United States to 1877 **and** United States 1877 to Present (10 credits)		
History (World)	4	History 101, 102 **or** 103–The Ancient World, Early Modern World, The Modern World (5 credits)	SS	Depending on epoch taught (see history department for determination)
Latin: Latin Literature	5	Not Available	Elective only	
Latin: Vergil	5	Not available	Elective only	
Physics B	5	Not Available	Elective only	
Physics C: E + M	5	Not Available	Elective only	
Physics C: Mech.	5	Not Available	Elective only	
Russian Literature	5	Not available	Elective only	
Spanish Language	3	Span 101–Elementary Spanish	Hu	
Spanish Language	4	Span 102–Elementary Spanish 2	Hu	

Hu = Humanities/Fine Arts/English
LS = Lab Science
NS = Natural Science
BS = Basic Skills
SS = Social Science

Getting Started

ADVANCED PLACEMENT – GENERAL EXAMINATIONS				
Exam Name	**Minimum Score**	**GRCC Course**	**Distr**	**Comment**
Spanish Language	5	Span 103–Elementary Spanish 3	Hu	
Spanish Literature	5	Not Available	Elective only	
Statistics	4	Math 256–Statistics for Business & Social Science	NS	

Hu = Humanities/Fine Arts/English
LS = Lab Science
NS = Natural Science
BS = Basic Skills
SS = Social Science

ADDITIONAL MATHEMATICS NOTE:

The Mathematics Division can award Advanced Placement credits. If students are placed by the Mathematics Division at a level higher than the College Board Placement, they may receive additional credits. If students have not taken the AP Calculus test, but have done college-level work in high school and are placed by the Mathematics Division into either Math 125 or 126, they may receive additional credits.

If students' first mathematics course is Math 125, they will earn credit for Math 124. If students' first mathematics course is Math 126, they will earn credit for both Math 124 and 125. Students may apply through the Mathematics Division and receive Advanced Placement credits by challenging the course and paying the appropriate fees.

ARTICULATION AGREEMENTS

Green River recognizes that quality education takes place in other learning institutions. In realization of this, Green River Community College has signed articulation agreements with area high schools as well as other institution of higher learning. Articulation agreements are agreements by which credits taken at a particular institution are accepted automatically at another, allowing that all requirements of the agreement have been met.

Transfer Institution Agreements

GRCC has been working with several four-year institutions, both in the state of Washington and bordering states such as California, Oregon, Idaho and Montana. These agreements are designed to provide a smooth transition from GRCC into specific college departments. The agreement between GRCC and the other colleges identify specific courses that if taken will be allowed for automatic credit at the other institution. In doing so, we are enabling students to, for the most part, transfer directly into their majors. Contact your GRCC program advisor for agreements in your area of study.

High School Agreements

GRCC recognizes that quality education takes place in area high schools and has signed articulation agreements with many schools to grant college credit to students earning a grade of a B (3.0) or higher in their high school professional technical courses. Credits are posted to transcripts during the summer following the school year in which they were earned.

To qualify, students must meet specific requirements established by the college and high school instructors and apply for credit through their high school and pay associated fees. Further agreements between high schools and additional professional technical programs are being developed.

Students can contact their high school counselor or the GRCC Tech Prep office for more details.

Professional Technical Tech Prep

Tech Prep is a course of study that combines academic and professional technical instruction in the high school setting, and then directly applies those high school credits to a specific community or technical college program.

The South King County Tech Prep Consortium has developed articulation agreements between area school districts and 3 local colleges: Green River Community College, Highline Community College and Renton Technical College. Tech Prep articulation agreements allow high school students to earn both high school and community/technical college credit through the "Direct Credit" Program.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

(253) 833-9111, ext. 2650

Green River recognizes that many students learn traditional college course content in non-traditional ways. To accommodate those students who seek traditional credit for informal learning experiences by taking the CLEP Examinations, the college has established criteria and procedures for granting credit for the CLEP exams. In all cases, the division responsible for the instruction of the specific course will evaluate each examination and recommend to the registrar whether or not credit will be awarded for a specific class.

Please consult Enrollment Services or the Assessment and Testing Center for more information on the tests, credit possibilities, criteria, and procedures.

MILITARY SERVICE SCHOOL CREDITS

Credits for military personnel's military school and experiences are granted according to the publications of the American Council on Education. Current editions are on file with the credentials evaluators in the Enrollment Services Office.

Note: *Some four-year schools will not accept military credits.*

*Please note that GRCC will accept military basic training experience to satisfy the one-credit physical education activity requirement providing basic training was completed within the last ten years. GRCC will also accept four years of military service to satisfy two credits of the physical education fitness/wellness requirement providing that four (4) or more years of military service was completed within the last ten years.

Procedure

1. Students should submit official copies of their CCAF, SMART or AART, certified copy of their transcripts or a copy of their DD 214 to the Enrollment Services office with a request for transcript evaluation form.
2. The credential evaluator will review the record and evaluate military credit into Green River course numbers and credit values.
3. The student will receive a copy of the results and a copy will be maintained in the student's file.
4. Credits will be posted to the "Transfer Credit" portion of the transcript upon graduation only.

AUDITING A CLASS

Students may audit a class by enrolling for information only (no credit given) and attending class regularly. Students must declare their intention to audit at the time of registration. Auditing does not affect the grade point average (GPA). Auditors must pay regular tuition and fees.

CHANGE OF PROGRAM

Students planning to change their professional technical program or their intended major (if transferring to a college or university), must do the following:

- Obtain a Change of Advisor/Program Request form from Enrollment Services.
- With the assistance of a faculty advisor or an educational planner, fill out the Change of Advisor/Program Request form and obtain the signature of the new advisor.

A list of faculty advisors with their departments, extensions and office locations is available in the Career and Advising Center.

COMMON COURSE NUMBERING

The purpose of the common course numbering project is to make course transfer between the 34 community and technical colleges in Washington as easy as possible for students, advisors and receiving institutions.

The project to commonly number community and technical college courses was directed by the presidents of the Washington community and technical colleges with leadership from the Washington State Instruction and Student Services Commissions and support from the State Board for Community and Technical College's staff. The project's scope was limited to academic transfer courses.

The community and technical colleges in Washington state will complete implementation of the Common Course Numbering System by Fall Quarter 2009. (See list of GRCC common course numbers on pages 19-20.)

GRADING SYSTEM AND POLICY

Grades

Under Green River's numerical grading system, instructors may report grades from 4.0 to 0.0 in 0.1 increments.

A	4.0–3.9	
A–	3.6	
B+	3.3	
B	3.0	
B–	2.7	
C+	2.3	
C	2.0	
C–	1.7	
D+	1.3	
D	1.0	
D–	0.7	Lowest passing grade
F	0.0–0.6	Failure or unofficial withdrawal—no credit given

Additional Grade Designations:

I **Incomplete.** An instructor may record a student's work as incomplete when the student has been delayed in completing the required work for a good reason. Work may be completed according to a signed agreement between the instructor and student. A copy of this agreement is kept with the instructor. Incompletes not made up remain permanently on the record and does not affect GPA. Student has four quarters (or less, if instructor indicates) to finish incomplete grades.

N **Audit.** Indicates the student enrolled for information only (no credit given) and attended class regularly. "N" does not affect GPA.

NC **No Credit.** Indicates the student petitioned the registrar for a P/NC grade (prior to the end of the eighth week of the quarter) and earned a decimal grade lower than 1.5.

P **Pass.** Indicates the student petitioned the registrar for a P/NC grade (prior to the end of the eighth week of the quarter) and earned a decimal grade equal to or greater than 1.5, or the class is offered on a pass/no credit basis.

S **Satisfactory.** Indicates the student is making satisfactory progress but has not completed all the competencies for a given level of instruction. No credit is awarded. The S grade may be used only for BASIC and ESOL classes numbered under 100. Courses with "S" grade designators cannot be applied toward any degree or certificate program. Courses with "S" grades indicate "work in progress" and do not denote course completion.

W **Official Withdrawal.** Indicates the **student initiated** an official withdrawal from class and submitted the proper paperwork to the Registrar's office. See "Withdrawal From Classes" and other appropriate sections. "W" does not affect GPA.

Grading Symbols

These symbols may also be used on grade reports or transcripts:

***** **Missing Grade.** No grade assignment given. Student must contact instructor.

R **Repeat.** The symbol "R" after a grade indicates the student later repeated the class. The grade/credit from this class does not affect GPA.

Y **Work in Progress.** The class is in progress at grading time.

Students should contact the instructor regarding questions about the particular grades earned.

Grades, Obtaining

Students may request an unofficial copy of their transcript, which includes all the classes the student has taken at Green River and the grades earned. Unofficial transcripts can also be printed from the Web at www.greenriver.edu/online, then "Unofficial Transcript."

Grading Policy

Grade changes are valid only for courses in which students were OFFICIALLY registered.

Approved grade changes will be accepted for up to four (4) quarters following the quarter in which the original grade was assigned.

Grade changes are not valid for W or N grades.

Grade changes are to be signed by the "instructor of record" or, if the instructor cannot come to campus, by the division chairperson or instructional dean.

Pass/No-Credit Policy (P/NC)

To declare an intention to be graded pass/no-credit, the student must file a petition with the registrar no later than the end of the eighth week of the quarter. For students who qualify, the registrar will convert the decimal grade submitted by the instructor either to credit (P) or to no credit (NC). This petition is a contract and is not rescindable.

No more than 25% of the required credits may be graded "Pass" to satisfy requirements for the Associate in Arts, Associate in Business, Associate in Elementary Education, Associate in Applied Science-Transfer, Associate in Math Education, Associate in Pre-Nursing, Associate in Science-Transfer, Associate Development, Associate in Applied Arts, Associate Pre-Professional degrees.

Courses with "Pass" grades may not satisfy the transfer requirements of a student's major field. Students are urged to consult the catalog of the four-year institution to which they plan to transfer.

Repeating a Course

Students may not repeat a course for which they have earned credit except when such a repeat is necessary to satisfy a requirement for improving academic or skill progress (grades). If deemed necessary to repeat, students may only do so twice. (This is defined as two repeats in addition to the original enrollment.) The Health Science and Family Studies Division has more restrictive policies regarding repetition of classes. See program advisor for specific information.

Credit by Challenge

Students may enroll for credit by challenge in a course with the instructor's approval if:

- Student believes he or she has achieved the required knowledge or skills necessary to receive credit without regularly attending the class sessions; and
- Student is eligible to take the course.

Courses offered by the college but not appearing in the quarterly class schedule may be challenged by requesting that the course be added to the schedule for "credit by challenge" purposes. Students who wish to challenge a course must:

- Consult with the instructor of the class they wish to challenge; and
- Pay regular tuition and fees.

All procedures for the granting of credit by challenge, other than those related to the registration process, are determined by the appropriate instructor and approved division procedures.

Withdrawal Policy

Students may withdraw from the college or from classes until the last instructional day of the eighth week of the quarter during fall, winter, and spring. For summer, see the quarterly class schedule for withdrawal dates.

RECIPROCITY AGREEMENT POLICY

Washington community and technical colleges (CTCs) offer reciprocity to students transferring within the CTC system who are pursuing the Direct Transfer Agreement (DTA) degree or the Associate in Science–Transfer (AS-T) degree. Students who completed an individual course that met distribution degree requirements or fulfilled entire areas of their degree requirements at one college will be considered to have met those same requirements if they plan to complete the same degree when they transfer to another community or technical college in Washington. These degree requirements include Communication Skills, Quantitative Skills, or one or more Distribution Area requirements. Students must initiate the review process and must be prepared to provide the necessary documentation. For complete information go to our Web site www.greenriver.edu.

STUDENT LEARNING OUTCOMES

Green River Community College is committed to the continuous improvement of teaching and learning. In order to assess the effectiveness of its instructional programs, the college evaluates student achievement of published learning outcomes. Although the learning outcomes vary from program to program, all students completing a degree are expected to demonstrate proficiency of four campus-wide outcomes: written communication, critical thinking, responsibility, and quantitative and symbolic reasoning. Additionally, students planning to transfer to a four-year institution are expected to be proficient in oral communication and students completing applied degree programs (AAA, AAS, and AD) are expected to be proficient in human relations as measured against leaning outcomes defined on the following pages.

Campus-Wide Learning Outcome Competencies

Student achievement of learning outcomes is measured by student proficiency in the competencies (tasks) indicated below.

Written Communication

Written Communication encompasses all the abilities necessary for effective expression of thoughts, feelings, and ideas in written form. This outcome includes abilities designed to help students:

- demonstrate use of a writing process.
- demonstrate a clear sense of purpose, focus, thesis, and design in writing.
- demonstrate the ability to develop an idea through the use of concrete examples and specific details.
- demonstrate audience awareness by appropriately modifying writing.
- demonstrate appropriate methods of integrating and documenting outside sources.
- demonstrate ability to use common tools of information research.
- demonstrate clear organization of thoughts in coherent written form.
- demonstrate appropriate choice of format, style, and tone for each particular writing assignment.
- use appropriate mechanics, grammar, and word usage based on American Standard Written English.
- improve the ability to evaluate, revise, edit, and proofread individual work and the work of others.

Critical Thinking

Critical thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or intellectual traits over time. This outcome includes abilities designed to help students:

- apply relevant criteria and standards when evaluating information, claims, and arguments.
- use appropriate reasoning to evaluate problems, make decisions, and formulate solutions.

- give reasons for conclusions, assumptions, beliefs, and hypotheses.
- seek out new information to evaluate and re-evaluate conclusions, assumptions, beliefs, and hypotheses.
- exhibit traits evidencing the disposition to reflect, assess, and improve thinking or products of thinking.

Responsibility

Responsibility encompasses those behaviors and dispositions necessary for students to be effective members of a community. This outcome is designed to help students recognize the value of a commitment to those responsibilities which will enable them to work successfully individually and with others. This outcome includes abilities designed to help students:

- identify and comply with clearly stated expectations, policies, and procedures.
- appropriately question or change stated expectations, policies, and procedures.
- recognize and accept consequences resulting from a failure to comply with stated expectations, policies, and procedures.
- meet obligations necessary to complete individual and group tasks.
- clearly communicate to affected parties any difficulties that may prevent them from fulfilling obligations.
- demonstrate common courtesies and show respect for the needs, difficulties, and rights of others.
- strive for excellence in contributions, performances, and products.
- complete work independently and appropriately acknowledge the source of ideas and contributions of others.

Quantitative and Symbolic Reasoning

Quantitative Reasoning encompasses abilities necessary for a student to become literate in today's technological world. Quantitative reasoning begins with basic skills and extends to problem solving. This outcome includes abilities designed to help students:

- evaluate and interpret quantitative and symbolic reasoning information/ data.
- recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem, and correctly implement those methods.
- demonstrate the ability to estimate a solution to a presented problem.
- translate data into various formats such as symbolic language, equations, graphs, and formulas.
- implement calculator/computer technology to solve problems.
- demonstrate logical reasoning skills through formal and informal proofs.

Transfer Degree Learning Outcome Competencies

In addition to the campus-wide outcomes, students completing a transfer degree (AA, AB, AE, AM, A-PreNurse, AAS-T, AS-T, AP-P) need to demonstrate proficiency in oral communication.

Oral Communication

Oral Communication encompasses all the abilities necessary for effective expression of thoughts, feelings, and ideas in oral form. This outcome is concerned with helping students:

- identify the role oral communication plays in academic, social, and professional endeavors.
- demonstrate increased confidence in oral communication skills.
- listen carefully and respond to questions appropriately.
- modify verbal and nonverbal communication appropriately given the purpose and the context of the communication.
- plan, prepare, and deliver a well-organized, logical oral presentation that demonstrates critical thinking skills.
- use appropriate presentation techniques (e.g. maintain eye contact, modulate voice, avoid distracting mannerisms, etc.).
- employ appropriate discussion, negotiation, conflict resolution, and cooperation skills to work with people from a variety of experiences and backgrounds and to promote learning in class activities and group work.

Applied Degree Learning Outcome Competencies

Students completing an applied degree (AAA, AAS, AD) need to demonstrate skill proficiency in the areas of communication, computation, and human relations. The campus-wide outcomes of written communication and quantitative and symbolic reasoning address the first two skill areas. The following outcome addresses the area of human relations.

Human Relations (AAA, AAS, AD)

- Demonstrate responsibility
- Demonstrate self-worth
- Demonstrate sociability in groups
- Demonstrate self management
- Demonstrate integrity/honesty
- Participate as team member
- Teach/help others
- Exhibit leadership
- Negotiate agreements
- Appreciate and work with diverse groups

Learning Outcomes for Certificates of 45 Credits or More

Students completing certificates of 45 credits or more need to demonstrate proficiency in three areas: communication (written and/or oral), computation, and human relations.

Desired Results

GRCC believes that students who are proficient in these learning outcomes, in addition to achieving competency in their subject areas, are more likely to achieve success in the workplace and in future educational endeavors. Consequently, instructors at GRCC seek to integrate applicable learning outcomes into course and program requirements. Class syllabi typically identify which learning outcomes the course supports and how the outcomes will be assessed. Students are encouraged to refer back to these learning outcomes frequently and self-assess their mastery of the outcomes.

GRADUATION

(253) 833-9111, ext. 2514

When students are two quarters away from completing their educational program, they should submit an application for graduation to Enrollment Services.

Applications for graduation and detailed instructions are available at the Enrollment Services window on the second floor of Lindbloom Student Center. Students may also run a degree audit by accessing the Web at www.greenriver.edu/online. To be eligible for graduation, students must have accomplished the following:

- Completed all admissions requirements;
- Earned a minimum grade point average of 2.0;
- Completed 24 credits at Green River (doesn't pertain to high school diploma or professional technical certificate candidates);
- Completed their last quarter at Green River;
- Filed an application for graduation with Enrollment Services;
- Completed all degree requirements as specified by the Green River catalog.

Students may graduate using the degree requirements in effect during their first quarter of enrollment at Green River Community College for up to six years. After six years, students need to meet the requirements listed in the current catalog. Students may petition the degree exception committee with proof of continuous enrollment to be exempt from this policy.

Each degree or certificate requires a separate application form.

Students may graduate at the end of any quarter.

COMMENCEMENT

One commencement ceremony is held at the end of the academic year. Any student who has been approved for graduation during the year is eligible to participate in the June ceremony. Students who plan to complete their requirements during the following summer quarter may apply for graduation and participate in the ceremony. All diplomas and certificates will be mailed to students two or three months after the end of the quarter in which they have completed graduation.

DEGREE EXCEPTION

In some cases, students may wish to appeal graduation requirements. All requests must be in writing (see the Enrollment Services Office for degree exception forms) and should be submitted to the Enrollment Services Office for action. The Degree Exception Committee meets approximately once a quarter. Written faculty and/or advisor approval is required prior to submitting your request to the committee.

GRADUATION AWARDS

Scholastic Awards

Scholastic awards celebrate student success by recognizing graduates who:

- Earn associate degrees in arts, business, math, science, applied arts and science, or pre-professional (academic transfer or professional technical programs only);
- Attain a minimum 3.9 grade point average (includes transfer credits and grades from all quarters except the spring quarter in which they may be graduating);
- Earn a minimum of 24 credits at GRCC, including the last quarter in residence; and
- Earn no more than 25% of the required credits on a pass/no-credit basis.

Getting Started

Division Awards

Each instructional division selects one outstanding graduate to receive a Division Award. The recipient is selected by a vote of divisional faculty members.

Honors

Graduates who achieve outstanding grade point averages receive honor cords to wear at commencement and are recognized in the commencement program. These are awarded as follows:

Highest Honors	3.9 GPA
High Honors	3.7–3.89 GPA
Honors	3.5–3.69 GPA

Graduation honors are based on GRCC grades only. A minimum of 24 credits must be graded (not pass/non-credit). All levels of honors will be noted on the diploma and Green River transcript.

International Academic and Leadership Award

The International Programs Award is presented to an international student who has demonstrated academic excellence and has made an outstanding contribution to international understanding on the campus.

Leadership and Service Awards

A leadership or service award is presented to three students who have held a position of leadership or have contributed to a major service project on campus.

Multicultural Award

The Multicultural Award is presented to a student who has demonstrated academic promise and has made an outstanding contribution to the on-campus multicultural population.

President's Award

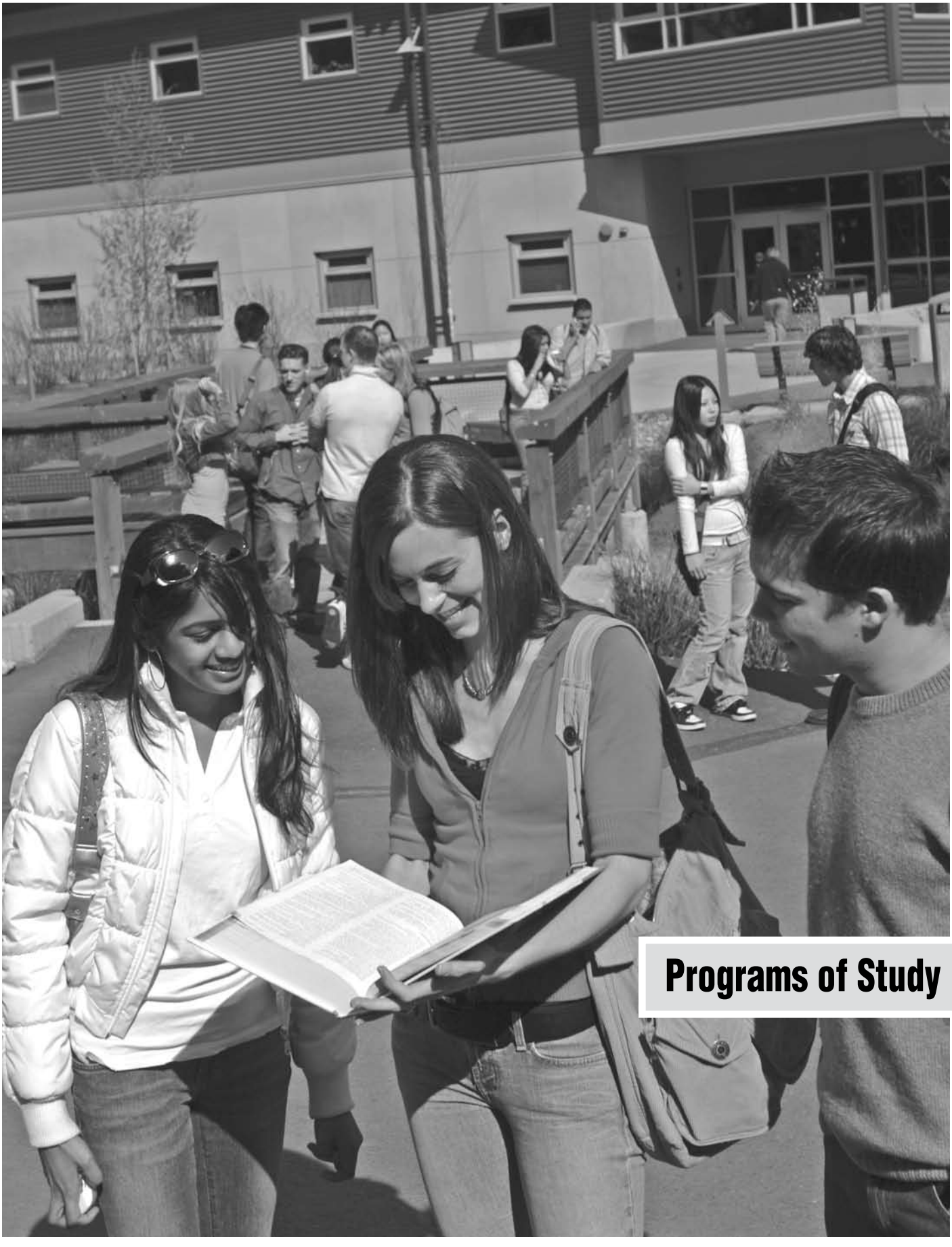
The President's Award is presented to a student who has exhibited professional promise and outstanding citizenship, personal qualities, and grade point average. The recipient is selected by a vote of faculty, administrators and staff.

GRCC Course ID	GRCC Course Title	State Common Course ID	State Common Course Title	AA Degree Distribution Area
ANTHR 100	INTRO TO ANTHROPOLOGY	ANTH& 100	Survey of Anthropology	Social Science
ANTHR 201	PHYSICAL ANTHROPOLOGY	ANTH& 205	Biological Anthropology	Social Science
ANTHR 202	CULTURAL ANTHROPOLOGY	ANTH& 206	Cultural Anthropology	Social Science
ANTHR 203	PRINCIPLES/ARCHAEOLOGY	ANTH& 204	Archaeology	Social Science
ANTHR 204	INTRO TO LINGUISTIC ANTHRO	ANTH&207	Intro to Linguistic Anthro	Social Science
ANTHR 205	INTRO TO MEDICAL ANTHRO	ANTH& 235	Cross-Cultural Medicine	Social Science
ANTHR 206	INTRO TO ANTHR-RELIGION	ANTH& 234	Religion & Culture	Social Science
ANTHR 210	INDIANS OF NORTH AMERICA	ANTH& 210	Indians of North America	Social Science
ANTHR 220	Northwest Coast Indians	ANTH& 216	Northwest Coast Indians	Social Science
ANTHR 265	FORENSIC ANTHROPOLOGY	ANTH& 236	Forensic Anthropology	Social Science
AP 205	HUMAN AP 1	BIOL& 241	Human A & P 1	Lab or Natural Science
AP 206	HUMAN AP 2	BIOL& 242	Human A & P 2	Lab or Natural Science
B A 200	INTRO TO LAW	POLS& 200	Introduction to Law	Social Science Distribution
B A 205	BUSINESS LAW	BUS& 201	Business Law	Social Science
B A 210	FINANCIAL ACCOUNTING 1	ACCT& 201	Prin of Accounting I	Generally Transferable Elective
B A 220	FINANCIAL ACCOUNTING 2	ACCT& 202	Prin of Accounting II	Generally Transferable Elective
B A 230	MANAGERIAL ACCOUNTING	ACCT& 203	Prin of Accounting III	Generally Transferable Elective
BIOL 100	INTRODUCTORY BIOLOGY	BIOL& 100	Survey of Biology	Lab or Natural Science
BIOL 201	GENERAL BIOLOGY	BIOL& 211	Majors Cellular [or Animal or Plant]	Lab or Natural Science
BIOL 202	ANIMAL BIOLOGY	BIOL& 212	Majors Animal [or Cellular or Plant]	Lab or Natural Science
BIOL 203	PLANT BIOLOGY	BIOL& 213	Majors Plant [or Cellular or Animal]	Lab or Natural Science
BIOL 210	MICROBIOLOGY	BIOL& 260	Microbiology	Lab or Natural Science
CHEM 101	SURVEY-GENERAL CHEMISTRY	CHEM& 121	Intro to Chemistry	Lab or Natural Science
CHEM 102	SURV ORG CHEM & BIOCHEM	CHEM& 131	Intro to Organic/Biochem	Lab or Natural Science
CHEM 105	INTRO-GENERAL CHEMISTRY	CHEM& 140	General Chem Prep w/Lab	Lab or Natural Science
CHEM 140	GENERAL CHEMISTRY 1	CHEM& 161	General Chem w/Lab I	Lab or Natural Science
CHEM 150	GENERAL CHEMISTRY 2	CHEM& 162	General Chem w/Lab II	Lab or Natural Science
CHEM 160	GENERAL CHEMISTRY 3	CHEM& 163	General Chem w/Lab III	Lab or Natural Science
CHEM 235	ORGANIC CHEMISTRY	CHEM& 261	Organic Chem w/Lab I	Lab or Natural Science
CHEM 236	ORGANIC CHEMISTRY	CHEM& 262	Organic Chem w/Lab II	Lab or Natural Science
CHEM 237	ORGANIC CHEMISTRY	CHEM& 263	Organic Chem w/Lab III	Lab or Natural Science
CHIN 101	ELEMENTARY CHINESE 1	CHIN& 121	Chinese I	Humanities/Fine Arts/English
CHIN 102	ELEMENTARY CHINESE 2	CHIN& 122	Chinese II	Humanities/Fine Arts/English
CHIN 103	ELEMENTARY CHINESE 3	CHIN& 123	Chinese III	Humanities/Fine Arts/English
COMM 101	BASIC SPCH COMMUNICATION	CMST& 220	Public Speaking	Humanities/Fine Arts/English
CRJ 100	INTRO TO CRIM JUSTICE	CJ& 101	Intro Criminal Justice	Social Science
CRJ 215	CRIMINOLOGY	CJ& 112	Criminology	Social Science
DRAMA 102	DRAMA APPRECIATION	DRMA& 101	Intro to Theatre	Humanities/Fine Arts/English
ECON 200	MACROECONOMICS	ECON& 202	Macro Economics	Social Science
ECON 201	MICROECONOMICS	ECON& 201	Micro Economics	Social Science
EDEC 110	CHILD DEVELOPMENT	EDUC& 115	Child Development	Generally Transferable Elective
EDU 170	INTRODUCTION TO EDUCATIO	EDUC& 205	Intro to Ed w/Field Exp	Generally Transferable Elective
EDU 193	INTRO TO SPECIAL EDUC	EDUC& 203	Exceptional Child	Generally Transferable Elective
ENGL 110	COLLEGE WRITING	ENGL& 101	English Composition I	Humanities/Fine Arts/English
ENGL 133	INTRODUCTION TO POETRY	ENGL& 113	Intro to Poetry	Humanities/Fine Arts/English
ENGL 221	AMERICAN LIT TO 1860	ENGL& 244	American Literature I	Humanities/Fine Arts/English
ENGL 222	AMERICAN LIT-CIV WAR/WWI	ENGL& 245	American Literature II	Humanities/Fine Arts/English
ENGL 223	AMER LIT: WWI TO PRESENT	ENGL& 246	American Literature III	Humanities/Fine Arts/English
FREN 101	ELEMENTARY FRENCH 1	FRCH& 121	French I	Humanities/Fine Arts/English
FREN 102	ELEMENTARY FRENCH 2	FRCH& 122	French II	Humanities/Fine Arts/English
FREN 103	ELEMENTARY FRENCH 3	FRCH& 123	French III	Humanities/Fine Arts/English

Common Course Numbering

GRCC Course ID	GRCC Course Title	State Common Course ID	State Common Course Title	AA Degree Distribution Area
G E 112	STATICS	ENGR& 214	Statics	Quantitive Skills or Natural Science
G E 123	ENGR GRAPH & 3D MODEL	ENGR& 114	Engineering Graphics	Elective
G E 240	MECHANICS OF MATERIALS	ENGR& 225	Mechanics of Materials	Natural Science
G E 280	THERMODYNAMICS	ENGR& 224	Thermodynamics	Natural Science
G E 281	DYNAMICS	ENGR& 215	Dynamics	Quantitive Skills or Natural Science
GE 235	FUND ELECTRICAL CIRCUITS	ENGR& 204	Electrical Circuits	Quantitive Skills or Natural Science
GERM 101	ELEMENTARY GERMAN	GERM& 121	German I	Humanities/Fine Arts/English
GERM 102	ELEMENTARY GERMAN 2	GERM& 122	German II	Humanities/Fine Arts/English
GERM 103	ELEMENTARY GERMAN 3	GERM& 123	German III	Humanities/Fine Arts/English
HIST 200	THE PACIFIC NORTHWEST	HIST& 214	Pacific NW History	Social Science
HIST 221	UNITED STATES TO 1877	HIST& 136	US History 1	Social Science
HIST 222	UNITED STATES 1877-PRES	HIST& 137	US History 2	Social Science
HIST 225	WOMEN IN U.S. HISTORY	HIST& 215	Women in US History	Social Science
JAPAN 101	ELEMENTARY JAPANESE	JAPN& 121	Japanese I	Humanities/Fine Arts/English
JAPAN 102	ELEMENTARY JAPANESE 2	JAPN& 122	Japanese II	Humanities/Fine Arts/English
JAPAN 103	ELEMENTARY JAPANESE 3	JAPN& 123	Japanese III	Humanities/Fine Arts/English
JOURN 201	INTRO TO MASS MEDIA	CMST& 102	Intro to Mass Media	Humanities/Fine Arts/English
MATH 102	PRE-CALCULUS 1	MATH& 141	Precalculus I	Quantitive Skills or Natural Science
MATH 104	PRE-CALCULUS 2	MATH& 142	Precalculus II	Quantitive Skills or Natural Science
MATH 107	CONTEMPORARY MATHEMATICS	MATH& 107	Math in Society	Quantitive Skills or Natural Science
MATH 124	CALCULUS&ANALYTIC GEOM 1	MATH& 151	Calculus I	Quantitive Skills or Natural Science
MATH 125	CALCULUS&ANALYTIC GEOM 2	MATH& 152	Calculus II	Quantitive Skills or Natural Science
MATH 126	CALCULUS&ANALYTIC GEOM 3	MATH& 153	Calculus III	Quantitive Skills or Natural Science
MATH 157	CALCULUS FOR BUS & S SCI	MATH& 148	Business Calculus	Quantitive Skills or Natural Science
MATH 224	INTERMEDIATE ANALYSIS	MATH& 254	Calculus IV	Quantitive Skills or Natural Science
MATH 256	STATS-BUS & SOC SCIENCE	MATH& 146	Introduction to Stats	Quantitive Skills or Natural Science
MUSIC 101	FUNDAMENTALS OF MUSIC	MUSC& 105	Music Appreciation	Humanities/Fine Arts/English
P SCI 100	INTRO TO POLITICAL SCI	POLS& 101	Intro Political Science	Social Science Distribution
P SCI 202	US GOV'T & POLITICS	POLS& 202	American Government	Social Science Distribution
P SCI 203	INTERNATIONAL RELATIONS	POLS& 203	International Relations	Social Science Distribution
PHIL 120	INTRODUCTION TO LOGIC	PHIL& 106	Intro to Logic	Natural Science**
PHYS 101	CONCEPTS-PHYSICAL WORLD	PHYS& 100	Physics Non-Sci Majors	Lab or Natural Science
PHYS 110	INTRO COLLEGE PHYSICS	PHYS& 121	General Physics I	Lab or Natural Science
PHYS 111	COLLEGE PHYSICS 2	PHYS& 122	General Physics II	Lab or Natural Science
PHYS 112	COLLEGE PHYSICS 3	PHYS& 123	General Physics III	Lab or Natural Science
PHYS 201	PHYSICS/SCIENCE-ENGINEER	PHYS& 221	Engineering Physics I	Lab or Natural Science
PHYS 202	PHYSICS/SCIENCE-ENGINEER	PHYS& 222	Engineering Physics II	Lab or Natural Science
PHYS 203	PHYSICS/SCIENCE-ENGINEER	PHYS& 223	Engineering Physics III	Lab or Natural Science
PSYCH 100	GENERAL PSYCHOLOGY	PSYC& 100	General Psychology	Social Science Distribution
PSYCH 210	DEVELOPMENTAL PSYCHOLOGY	PSYC& 200	Lifespan Psychology	Social Science Distribution
PSYCH 250	ABNORMAL PSYCHOLOGY	PSYC& 220	Abnormal Psychology	Social Science Distribution
SOC 110	SURVEY OF SOCIOLOGY	SOC& 101	Intro to Sociology	Social Science Distribution
SOC 201	SOCIAL PROBLEMS	SOC& 201	Social Problems	Social Science Distribution
SPAN 101	ELEMENTARY SPANISH	SPAN& 121	Spanish I	Humanities/Fine Arts/English
SPAN 102	ELEMENTARY SPANISH	SPAN& 122	Spanish II	Humanities/Fine Arts/English
SPAN 103	ELEMENTARY SPANISH	SPAN& 123	Spanish III	Humanities/Fine Arts/English
SPAN 201	INTERMEDIATE SPANISH	SPAN& 221	Spanish IV	Humanities/Fine Arts/English
SPAN 202	INTERMEDIATE SPANISH	SPAN& 222	Spanish V	Humanities/Fine Arts/English
SPAN 203	INTERMEDIATE SPANISH	SPAN& 223	Spanish VI	Humanities/Fine Arts/English
SPCH 110	INTERPERS COMMUNICATION	CMST& 210	Interpersonal Communicatn	Humanities/Fine Arts/English
SPCH 234	SMALL GROUP LEADERSHIP	CMST& 230	Small Group Communicatn	Humanities/Fine Arts/English

*** Under some circumstances may satisfy quantitative skills requirement.*



Programs of Study

DEGREE AND CERTIFICATE PROGRAMS

The following lists all the degree and certificate programs offered at Green River Community College.

University Transfer	Professional Technical	Other Learning Options
AA-DTA–Associate in Arts–Direct Transfer Agreement	**AAA–**Associate in Applied Arts	**AD-**Associate Development
AB-DTA–Associate in Business degree–Direct Transfer Agreement	**AAS–**Associate in Applied Science	**GED**-General Education Development Certificate
AEE-DTA/MRP–Associate in Elementary Education–Direct Transfer Agreement/Major Related Program	**Cert–**Certificate (over 45 credits) **Cert-P–**Certificate of Proficiency	High School Diploma
AM-DTA–Associate in Math Education–Direct Transfer Agreement		
A-PreNurse–DTA/MRP–Associate in Pre Nursing–Direct Transfer Agreement/Major Related Program		
A-PP–Associate Pre-Professiona		
AS-T-Option 1 **1. Associate in Science-Transfer (Opt 1) –** *Biology, Environmental Science, Chemistry, Geology, and Earth Science*		
2. Associate in Science-Transfer (Opt 1) – *Biology Education*		
3. Associate in Science-Transfer (Opt 1) – *Chemistry Education*		
4. Associate in Science-Transfer (Opt 1) – *General Science Education*		
AS-T-Option 2 **1. Associate in Science-Transfer (Opt 2) –** *Engineering, Engineering Technology, Computer Science, Physics,* and *Atmospheric Sciences*		
2. Associate in Science-Transfer (Opt 2) – *Physics Education*		
3. Associate in Science-Transfer (Opt 2) – *Major Related Program (MRP) 1 - Engineering: Mechanical/Civil/Aeronautical/Industrial/Materials Science/ pre-Engineering (Other Engineering)*		
4. Associate in Science-Transfer (Opt 2) – *Major Related Program (MRP) 2 - Engineering: Biological or Chemical pre-Engineering*		
5. Associate in Science-Transfer (Opt 2) – *Major Related Program (MRP) 3 - Engineering: Computer or Electrical pre-Engineering*		
AAS-T–Associate in Applied Science–Transfer		
Academic Certificate		

Program	AAA	AAS	AAS-T	AB-DTA	A-Elem-DTA	AW -DTA	A-PreNurse-DTA	AS-T-Opt 1	AS-T-Opt 2	A-PP	Cert	Acad Cert	Cert-P	Page No.
Accounting	X												X	56
Accounting Clerk													X	56
Administrative Assistant	X										X			57-58
Data Entry													X	58
File Clerk													X	58
Office Support 1													X	58
Office Support 2													X	59
Art														44
Advanced Studies												X		44
Ceramics												X		44
Design												X		44
Interdisciplinary												X		45
Photography												X		45
Studio												X		45
Atmospheric Science									X					37
Auto Body Technology		X												58
Collision Repair													X	58
Painting and Refinishing													X	59
Automotive Technology		X												60
Brakes, Steering and Suspension													X	60
Electrical Systems													X	60
Engine Performance													X	60
Heating and Air Conditioning													X	60
Transmission and Transaxle													X	61
Aviation Technology														61
Advanced Air Traffic Control													X	63
Advanced Aviation Knowledge													X	65
Air Traffic Control		X											X	61
Air Traffic Control/Fast Track Program													X	62
Air Transportation		X												61
Aircraft Dispatcher													X	62
Airline Dispatch		X											X	62
Airline Dispatcher Completion													X	63
Basic Airport Management													X	64
Basic Aviation Knowledge													X	64
Helicopter													X	64
Helicopter Pilot		X												63
Intermediate Aviation Knowledge													X	65
International Flight Planning													X	63
Professional Pilot		X												64
Biology								X						34
Biology Education								X						35

Programs of Study

Program	AAA	AAS	AAS-T	AB-DTA	A-Elem-DTA	AM -DTA	A-PreNurse-DTA	AS-T-Opt 1	AS-T-Opt 2	A-PP	Cert	Acad Cert	Cert-P	Page No.
Broadcasting										X		X		46
Business				X										30
Business Applications Specialist	X										X			65
Business Applications for Small Business													X	67
Distance Education Preparation													X	67
Business Management	X													68
Retail Management												X		68
Management and Supervision													X	68
Marketing and Sales													X	68
Caregiving, Fundamentals of– Introduction to Health Occupations													X	86
Carpentry Technology– Residential and Light Commercial Carpentry													X	68
Residential and Light Com'l Framing 1													X	69
Residential and Light Com'l Framing 2													X	69
Intermediate Construction Management Skills													X	70
Residential Concrete Forming and Placement													X	69
Residential Exterior Finish Level 1													X	70
Residential Interior Finish Level 1													X	70
Residential Interior Finish Level 2													X	70
Chemistry								X						34
Chemistry Education								X						36
Communication Studies												X		46
Advanced Communication Studies												X		47
Computer Reporting Technologies														70
Captioning Sequence A	X													70
Captioning Sequence B	X													71
Court Reporting Sequence A	X													72
Court Reporting Sequence B	X													72
Medical Stenoscriptionist													X	73
Scoptist/Text Editor													X	73
Text Entry													X	74
Computer Science									X					33
Computerized Machining & Manufacturing Tech		X											X	74
Criminal Justice		X												75
Corrections													X	76
Law Enforcement													X	76
Database Design and Administration		X												76
Design Technology														77
Architectural Drafting Proficiency													X	80
Architectural, Structural and Civil Drafting													X	80

Program	AAA	AAS	AAS-T	AB-DTA	A-Elem-DTA	AM -DTA	A-PreNurse-DTA	AS-T-Opt 1	AS-T-Opt 2	A-PP	Cert	Acad Cert	Cert-P	Page No.
Civil Drafting Proficiency													X	81
Construction Design Technology		X												78
Design Drafting Technology		X												77
Drafting Proficiency													X	81
Manufacturing Technology-CIM		X												78
Mechanical 3D CAD													X	81
Mechanical CAD Proficiency													X	81
Mechanical Design Technology		X	X											79
Mechanical Drafting											X			82
Structural Drafting													X	82
Diversity Studies												X		47
Early Childhood Education	X											X		83
Child Development Associate Preparation													X	84
Early Childhood Assistant Teacher													X	84
Instructional Aide													X	85
Montessori Teaching													X	85
Paraeducator	X													83
Earth Science								X						34
Elementary Education					X									31
Engineering									X					38
Aeronautical Engineering									X					39
Biological pre-Engineering									X					40
Chemical pre-Engineering									X					40
Civil Engineering									X					39
Computer pre-Engineering									X					41-41
Electrical pre-Engineering									X					41-42
Industrial Engineering									X					39
Material Science Engineering									X					39
Mechanical Engineering									X					39
Other pre-Engineering									X					39
Engineering Technology									X					34-35
Environmental Science								X						85
Forensic Technology		X												85
Forensic & Fingerprint Technology													X	86
General Science Education								X						37
Gender Studies												X		47
Geographic Information Systems		X											X	86
Geology								X						34
Information Technology														87
IT Computer Support Specialist			X											48
IT Help Desk Support Technician													X	87

Programs of Study

Program	AAA	AAS	AAS-T	AB-DTA	A-Elem-DTA	AM-DTA	A-PreNurse-DTA	AS-T-Opt 1	AS-T-Opt 2	A-PP	Cert	Acad Cert	Cert-P	Page No.
IT Information Assurance			X											87
IT Information Assurance Technician											X			88
IT Network Technician											X			88
IT Networking			X											49
IT PC Repair Technician													X	87
Legal Administrative Assistant	X													89
Math Education						X								32
Math/Science Certificate for Elementary (K8) Teachers												X		50
Medical Office Assistant	X													89
Medical Office Manager													X	90
Medical Transcription Computer													X	90
Medical Transcriptionist													X	91
Natural Resources		X	X							X				91
Community Forestry													X	94
Geographic Information Systems Option		X												92
Park Management		X												92
Water Quality		X												93
Wildland Fire		X												94
Nursing							X							
Nurse Assistant for Practical Nursing													X	98
Practical Nursing											X			97
Nursing Assistant													X	98
Occupational Therapy Assistant		X												95
Physical Therapist Assistant		X												96
Physics									X					38
Physics Education									X					39
Wastewater Technology		X												99
Municipal Wastewater Treatment Technology													X	99
Wastewater Collection Technology													X	99
Water Supply Technology		X												100
Water Distribution Technology													X	100
Welding Technology		X												101
Basic Arc and Flame													X	101
Intermediate Arc and Flame													X	101
Advanced Arc and Flame													X	101

UNIVERSITY TRANSFER DEGREES AND CERTIFICATES

Green River Community College is fully accredited by the Northwest Association of Schools and of Colleges and Universities as well as by several discipline-related bodies. The College has completed numerous evaluation processes and has been recognized for performance, integrity and quality. This is important for students who plan to transfer credits to other colleges. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policy and transferability should never be assumed. The Green River Transfer Center staff in the Career and Advising Center is able to answer most questions involving transfer of credits. The Transfer Center features a library of catalogs from four-year colleges, transfer guides, information about transfer policies and transfer requirements.

Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. Students should also consult that catalog when meeting with their Green River advisor.

Many transfer institutions are putting additional pressures on students to become more "major ready" by the time they apply for admissions. This means that students need to declare their majors earlier and carefully plan which courses will meet their distribution requirements as well as meet the requirements for a particular field of study. For example: students who wish to major in business will need to include additional math, economics and accounting sequences in their coursework.

Students are strongly encouraged to meet with their community college advisor as well as an advisor from their transfer institution to verify their choices.

In most cases, four-year institutions will accept 90 credits. Green River is a member of the Inter-College Relations Commission (ICRC), and Green River's AA, AS, AB, AM, AE, A Pre-Nurse, and AAS-T degrees comply with ICRC recommendations for transfer degrees within the state of Washington.

The Inter-College Relations Commission for the state of Washington has developed a direct transfer agreement with Washington community colleges. This ensures that students who complete a designated direct transfer AA degree at a community college will have satisfied all or most of the general education (or core) requirements at the various four-year institutions in the state. For most AA and AS students, this means that students can begin work on their specialized, major-area course work as soon as they transfer.

For some college majors, students will need to meet more specific admissions requirements, and may want to pursue an Associate Pre-Professional degree. Working with a Green River advisor, an Associate Pre-Professional degree can be designed to meet specific transfer needs.

International students will need to contact an advisor in the International Programs office to help create an educational plan specific to their needs.

During the school year, representatives from various colleges and universities visit the campus to meet with students about transfer requirements. Watch for notices in campus publications, on Green River's web site, or call the Transfer Center in Career and Advising Center.

ASSOCIATE IN ARTS DEGREE

Direct Transfer Agreement (AA-DTA)
Minimum of 90 Credits

The Associate in Arts degree is a direct transfer degree (DTA) designed for students who plan to transfer to a four-year institution after completing the first two years of study at Green River Community College. The degree is recommended for students who have not yet decided the field they will enter or the four-year institution they will attend. It gives students the broad background they need before beginning more specialized, upper-division courses and indicates that a student has completed a two-year liberal arts program.

Students who have a particular major in mind can focus their distribution choices and elective credits toward meeting their transfer institution plan. An advisor can assist with this process. Students should include some 200 level coursework in their program of study.

This degree meets the Inter-College Relations Commission (ICRC) guidelines for direct transfer degrees, an inter-institutional agreement adopted to facilitate student transfer between community colleges and baccalaureate institutions.

Once admitted to an institution subscribing to these guidelines, the degree holder will be granted junior status and will have fulfilled most of the lower-division general education requirements of baccalaureate degree programs offered by many public and independent colleges and universities in Washington State. The following colleges subscribe to these guidelines:

Washington

Bastyr University
Central Washington University
City University
Cornish College of the Arts
Eastern Washington University
Evergreen State College
Gonzaga University
Heritage College
Northwest College
Pacific Lutheran University
Saint Martin's University
Seattle Pacific University
Seattle University
University of Washington (some restrictions apply)
Washington State University
Western Washington University
Whitworth College

Other States

Oregon State University
Capella University, California

Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

To earn this degree, students must complete 90-quarter credits in courses numbered 100 or above (from approved list on next page) and meet specific distribution requirements. No more than 25% of credit requirements may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. Students must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College.

Associate in Arts Degree
Direct Transfer Agreement (AA-DTA)
Minimum of 90 Credits

1. BASIC SKILLS (15 credits)
Any course used to satisfy **Basic Skills** distribution may not be used to satisfy any other portion of the Associate in Arts degree requirements.

A. Communications: 10 credits
Courses in this area support the written communication learning outcome.
English 110 **and** one of the following:
English 111, 112, **or** 113.

B. Quantitative Skills: 5 credits (explained below)
Courses in this area support the quantitative and symbolic reasoning learning outcome.
1. Completion of Mathematics course for which Intermediate Algebra (Math 097) or higher is a prerequisite.
2. Completion of General Engineering 106, 112, 235, **or** 281.
3. Completion of Philosophy 120*
** If option 3 is chosen, the student must, in addition, satisfy one of the following before graduation:*
*a) Qualify for placement in Math 102 or above; **or***
b) Complete Intermediate Algebra (Math 097) with a grade of 2.0 or higher.

2. HUMANITIES/FINE ARTS/ENGLISH (15 credits)
(Minimum 15 credits from three **separate** areas.) No more than 5 credits in foreign language at the 100 level. No more than 5 credits in performance/skills courses **(all courses in bold type)** can be applied toward the Humanities/Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

3. SOCIAL SCIENCE (15 credits)
(Minimum 15 credits from three separate areas **or** minimum 15 credits from two separate areas with a 200-level course required within the two course emphasis)

American Ethnic and Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

4. NATURAL SCIENCE (15 credits)
(Minimum of 15 credits from at least two **separate** areas [except for completion of IDS 101, 102, and 103 sequence which will satisfy the full Natural Science and lab science requirement]). 10 credits must be chosen from List A, including a minimum of 5 credits from lab sciences **(courses designated in bold type)**. The additional 5 credits may be taken from either List A or List B.

LIST A
Anatomy-Physiology 100, 102, **103, 104, 205, 206,** 210
Astronomy 100 **or 101**
Biology 100, 103, 110, 127, **201, 202, 203, 210**
Chemistry 101, 102, 105, 140, 150, 160, 235, 236, 237
Environmental Science 204
Geology 101, 200, **206, 208**
Interdisciplinary Science 101, 102, 103
Oceanography 101
Physics 101, 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 221

LIST B
Anthropology 201
Computer Science 142, 143, 144, 145
Engineering (GE) 104, 106, 112, 140, 142, 143, 144, 240, 280, 281
Mathematics 102, 104, 106, 107, 124, 125, 126, 156, 157, 170, 171, 172, 210, 224, 235, 238, 240, 256
Philosophy 120, 215

5. ADDITIONAL CREDITS (15 credits)
A minimum of 15 total credits from courses listed in one or both of the following categories:

A. Distribution Courses
Courses in Humanities/Fine Arts/English, Social Science, or Natural Science categories listed above. There is no restriction on the number of required disciplines.

B. Generally Transferable Courses:
Business Administration 210, 220, 230
Early Childhood Education 101
Education in Early Childhood Education 110 **or** 110.1 **and** 110.2
Education 170
Natural Resources 100

6. LIFETIME FITNESS/WELLNESS/ACTIVITY (4-9 credits)

I. Lifetime Fitness/Wellness
(3 credits required)
One 2- or 3-credit course from List A is required.

LIST A:
Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

One course from List B must be taken if a 2-credit class from List A has been chosen:

LIST B:
Physical Education 101, 102, 103, 107, 108, 109, 110, 111, 112, 113, 114, 115, 117, 118, 119, 121, 122, 124, 125, 129, 131, 132, 134, 136, 137, 138, 139, 140, 141, 143, 144, 147, 148, 149, 150, 160, 165, 169, 193, 201, 202, 207, 210, 211, 212, 215, 216, 224, 231, 234, 236, 251, 253

No more than 3 credits total of physical education coursework (including your elective credits) may be applied to the AA degree.

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

II. ACTIVITY (1-6 credits – must take one)
An activity is a fully instructed course of study that primarily involves developing proficiency in a performance- or product-based craft. Students will achieve learning primarily through physical activity and/or experience beyond traditional lecture/discussion format.

Art 111, 114, 130
Biology 140
Business Education 111, 115
Business Management 103
Dance 101
Drama 111, 153
Early Childhood Education 103, 104, 175, 214, 215
Education 210
Education in Early Childhood 220, 221
Health Education 190
Industrial Education 101, 102.1 **or** 102.2 **or** 102.3, 103
Journalism 100.1, 110, 120, 200
Music 118, 124, 127, 130.1, 132
Photography 101
Spanish 115
Technology 100

7. ELECTIVES (6-11 credits)
All courses numbered 100 or above, with the exception of Basic Skills and Physical Education, may be taken as electives. Courses should include preparation for a major and/or general interest/leisure-time activity.

8. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR3 081104

ASSOCIATE IN BUSINESS DEGREE

Direct Transfer Agreement–Major Related Program (AB-DTA/MRP)
Minimum of 90 Credits

The Associate in Business degree is generally pursued by students who plan to transfer to a four-year university as a business major after completing their first two years at Green River. It is designed to meet the distribution requirements at four-year institutions in Washington state, by fulfilling the general requirements taken by freshman and sophomores. The degree also indicates that a student has completed a 2-year business program, which may be of value in career or lifetime goals.

To earn this degree, students must complete 90-quarter credits in courses numbered 100 or above (from approved distribution list below) and meet specific distribution requirements. No more than 25% of credit requirements may be taken on a pass/no-credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution to which they plan to transfer. Students must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College.

Associate in Business Degree
Direct Transfer Agreement–Major Related Program (AB-DTA/MRP)
Minimum of 90 Credits

1. BASIC SKILLS (15 credits)
Any course used to satisfy **Basic Skills** distribution may not be used to satisfy any other portion of the Associate in Business degree requirements.

A. Communications: (10 credits)
Courses in this area support the written communication learning outcome.

English 110 **and** one of the following:

English 111, 112, **or** 113

B. Quantitative Skills: (5 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124 **or** 157

2. HUMANITIES/FINE ARTS/ENGLISH (15 credits)
(Minimum 15 credits from three **separate** areas.)
No more than 5 credits in foreign language at the 100 level. No more than 5 credits of performance/skills classes **(all course numbers in bold type)** may be applied to the Humanities/Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115,116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

3. SOCIAL SCIENCE (Minimum 20 credits)

A. **Economics** (10 Credits)
200 **and** 201

B. **Business Administration** (5 credits)
200 **or** 205

C. Choose 5 credits from the following areas:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101
Criminal Justice 100, 215
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

4. NATURAL SCIENCE (Minimum 15 credits)

A. **Mathematics** 256 (5 credits)

B. **Natural Science** (10 credits)
(At least 5 credits from the lab sciences, **courses designated in bold type**, must be included)

Anatomy-Physiology 100, 102, **103, 104, 205, 206,** 210
Astronomy 100 **or 101**
Biology 100, 103, 110, 127, **201, 202, 203, 210**
Chemistry 101, 102, 105, 140, 150, 160, 235, 236, 237
Environmental Science 204
Geology 101, 200, **206, 208**
Interdisciplinary Science 101, 102, 103
Oceanography 101
Physics 101, 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 221

5. ACCOUNTING (Minimum 15 credits)
Business Administration 210, 220, 230

6. LIFETIME FITNESS/WELLNESS (2-3 credits)
Fitness-related classes - must take one:

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

No more than 3 credits total of physical education coursework (including your elective credits) may be applied to the AB-DTA degree.

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

7. ELECTIVES (Minimum 7-8 credits)
All courses numbered 100 or above with the exception of Basic Skills and Physical Education may be taken as electives. Courses should include preparation for a major and/or general interest leisure-time activity.

Note: *Your choice of electives will be made in consultation with your Green River advisor and your transfer university admissions representative.*

8. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR4 081104

ASSOCIATE IN ELEMENTARY EDUCATION

Direct Transfer Agreement – Major Related Program (DTA-MRP)
93-94 Credits

The Associate in Elementary Education degree is intended for all future elementary teachers. It provides a broad foundation in liberal arts and beginning coursework in teacher education that is needed upon transfer to most teacher certification programs at colleges/universities. It is designed to provide early experiences in teacher education, including opportunities for hands-on work in local classrooms and specific courses for elementary teachers.

Associate in Elementary Education
Direct Transfer Agreement-Major Related Program (DTA-MRP)
93-94 Credits

1. GENERAL REQUIREMENTS (25 credits)

A. Communications: (10 credits)
Courses in this area support the written communication learning outcome.

English 110 **and** one of the following

English 111 **or** 112.

B. Quantitative Skills/ Symbolic Reasoning Skills: (15 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 170, 171 **and** 172

2. HUMANITIES/FINE ARTS/ENGLISH (15 credits)
(Minimum 15 credits from three **separate** areas.)
No more than 5 credits of performance/skills classes **(all course numbers in bold type)** may be applied to the Humanities/Fine Arts/English distribution.

A. Communication 101

B. English 131, 132, 133, 151, 165, 180, **or** 190

C. Choose 5 credits from the following areas:

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
French 101, 102, 103
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115,116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

3. SOCIAL SCIENCE (Minimum 25 credits)
No more than 10 credits from any one discipline. Must take 5 credits from each item A through E.

A. American Ethnic & Minority Studies 100
Anthropology 202

B. History 101, 102, 103, **or** 231

C. History 221 **or** 222

D. Psychology 100*

E. Sociology 110, 220, 240
Social Science 160

4. NATURAL SCIENCE (Minimum 15 credits)

A. Interdisciplinary Science 101, 102 **and** 103 (15 credits)

5. ADDITIONAL COURSES (6 credits)

Education 170 **and** 270

6. LIFETIME FITNESS/WELLNESS (2-3 credits)
Fitness-related classes – must take one.

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

7. ELECTIVES (Minimum 5 credits)
Classes numbered 100 or above may be taken as electives.

Note: *Your choice of electives will be made*

in consultation with your Green River advisor and your transfer university admissions representative.

8. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR15 080701

ASSOCIATE IN MATH EDUCATION

Direct Transfer Agreement (AM-DTA)
Minimum of 90 Credits

The Associate in Math Education degree was created to aid students interested in careers as secondary math or science teachers. Future secondary teachers must pursue a major in their field as well as entrance into a school of education. As a result, there is little room for electives.

This degree is intended to insure that graduates of Green River are as well prepared as their counterparts at four-year colleges. The transferability of these degrees is backed by a statewide articulation agreement with teacher-training universities. In addition, the Associate in Math Education (DTA) is accepted by public baccalaureate institutions in the state of Washington under the Direct Transfer Agreement. It will fulfill the general education requirements at the public Washington state transfer institution.

Apart from the requirements embedded within the degree, students should check specific requirements of their intended transfer schools. This is especially true in the area of field experience, since teacher certification institutions vary in terms of the quality and quantity of experience required.

To earn this degree, students must complete 90-quarter credits in courses numbered 100 or above (from approved distribution list below) and meet specific distribution requirements. No more than 25% of credit requirements may be taken on a pass/no-credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution to which they plan to transfer. Students must attain a cumulative grade point average of 2.0 and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College.

Associate in Math Education
Direct Transfer Agreement (AM-DTA)
Minimum of 90 Credits

1. BASIC SKILLS (15 credits)
Any course used to satisfy **Basic Skills** distribution may not be used to satisfy any other portion of the Associate in Math Education degree requirements.

A. Communications: (10 credits)
Courses in this area support the written communication learning outcome.

English 110 **and** one of the following

English 111, 112 **or** 113.

B. Quantitative Skills: (5 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124

2. HUMANITIES/FINE ARTS/ENGLISH (15 credits)
No more than 10 credits allowed from any one discipline.

A. Communication 101

B. No more than 5 credits allowed from any one discipline. No more than 5 credits in foreign language at the 100 level. No more than 5 credits in performance/skills courses **(all courses in bold type)** can be applied towards Humanities/Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115,116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

3. SOCIAL SCIENCE (Minimum 15 credits)
No more than 10 credits from any one discipline.

A. Psychology 100

B. A minimum of 5 credits from the following:
American Ethnic & Minority Studies 100
Anthropology 202

C. A minimum of 5 credits from the following:

Anthropology 100, 201, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Economics 100, 101, 200, 201
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

4. NATURAL SCIENCES (15 credits)
No more than 10 credits allowed from any one discipline.

A. Mathematics 125

B. A minimum of 10 credits from the following list with 5 credits from the lab sciences **(courses designated in bold type)** must be included.

Astronomy 101
Biology 100, 103, 110, 127, **201, 202, 203, 210**
Chemistry 101, 102, 105, 140, 150, 160, 235, 236, 237
Geology 101, 200, **206, 208**
Physics 101, 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 221

5. ADDITIONAL COURSES (25-26 credits)

Education 170
Health Education 190
Mathematics 126, 224 **and** 240
Lifetime Fitness/Wellness (2-3 credits)
Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

No more than 3 credits total of physical education coursework (including your elective credits) may be applied to the AM-DTA degree.

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

6. ELECTIVES (4-5 credits)
All courses listed previously except Basic Skills and Physical Education may be taken as electives. In addition, classes numbered 100 or above may be taken as electives. Courses should include preparation for major and/or general interest/ leisure-time activities. (Consult your transfer institution).

7. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR5 080701

Associate in Pre-Nursing Degree
Direct Transfer Agreement-Major Related Program (DTA-MRP)
91 Credits

1. GENERAL REQUIREMENTS (15 credits)

A. Communications: (10 credits)
Courses in this area support the written communication learning outcome.

English 110

English 113

B. Quantitative Skills/ Symbolic Reasoning Skills: (5 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 256

2. HUMANITIES/FINE ARTS/ENGLISH (15 credits)
No more than 10 credits allowed from any one discipline.

A. Communication 101

B. A minimum of 10 credits from the following: No more than 5 credits in foreign language at the 100 level. No more than 5 credits in performance/skills courses **(all courses in bold type)**.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115**, 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 110, 145, 180, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115,116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

3. SOCIAL SCIENCE (15 credits)

A. Psychology 100

B. Psychology 210

C. A minimum of 5 credits:

Sociology 110, 201, 215, 220, 240, 245, 260

4. NATURAL SCIENCE
(36 credits with at least 25 credits lab based)

A. Biology 201 **and** 210

B. Anatomy-Physiology 205 **and** 206

C. Chemistry 101 **and** 102

D. Nurse 100

5. ADDITIONAL CREDITS: Select 10 credits from the following:

American Ethnic & Minority Studies 100
Anatomy-Physiology 100
Anthropology 201, 205
Communication 238
Mathematics 156

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CUR14 081104

ASSOCIATE IN SCIENCE TRANSFER DEGREE

(AS-T Option 1)
Minimum of 90 Credits

The Associate in Science transfer degree Option 1 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 1 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 1 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 1)
Minimum of 90 Credits

Biology, Environmental Science, Chemistry, Geology, and Earth Science

1. GENERAL REQUIREMENTS (20 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110 (5 credits)

After consultation with a science advisor, five additional credits are recommended from the following:

English 111, 112 **or** 113

B. **Quantitative Skills:** (15 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124, 125, 126 **or** 256

2. HUMANITIES/FINE ARTS/ENGLISH AND SOCIAL SCIENCE (15 credits)
Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.

A. Humanities/Fine Arts/English
A minimum of 5 credits from the following:
No more than 5 credits in foreign language at the 100 level. **No more than 5 credits** in performance or skills courses **(all courses in bold type)** may be applied to the Humanities/Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

B. SOCIAL SCIENCE
A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

3. SPECIFIC REQUIREMENTS (50 credits)
Class selection depends on the student's area of study. After consultation with a science advisor, a total of 50 credits are required from the following list:

A. Chemistry 140, 150, **and** 160 (18 credits)
*(**Chemistry** 235, 236 **and** 237 may be substituted with prior consultation with a science/engineering advisor.)*

B. Select 15-18 credits to be taken in sequence order from the following:

1. **Biology** 201, 202 **and** 203 **or**
2. **Physics** 110, 111 **and** 112 **or**
3. **Physics** 201, 202 **and** 203

C. Natural Science
Select 14-17 credits from the following list after consultation with a science advisor.

Anatomy/Physiology 205, 206, 210
Biology 201, 202, 203, 210
Chemistry 140, 150, 160, 235, 236, 237
Engineering 106, 112, 280
Environmental Science 204
Geology 101, 206
Mathematics 102, 104, 106, 126, 224, 238, 240, 256
Philosophy 120, 215
Physics 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 221

4. LIFETIME FITNESS/WELLNESS (2-3 credits)
Select one course from the following:

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

5. ELECTIVES (2-3 credits)
Select 2-3 credits of any course 100 level or above.

***English** 111, 112 **or** 113 may be used.*

6. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

To receive this information in an alternative format, please contact Disability Support Services at: DSS@greenriver.edu, (253) 833-9111, ext. 2631 or TTY at (253) 288-3359. LC-272.

CUR6 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 1)

The Associate in Science transfer degree Option 1 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 1 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 1 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 1)
104-105 Credits

Biology Education

1. **BASIC SKILLS** (15 credits)
   - **A. Communications:** (5 credits)
     Courses in this area support the written communication learning outcome.
     English 110
   - **B. Quantitative Skills:** (10 credits)
     Courses in this area support the quantitative and symbolic reasoning learning outcome.
     Mathematics 124 **and** 125
2. **HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE** (15 credits)
   - **A. Communication** 101
   - **B. Psychology** 100
   - **C.** A minimum of 5 credits from the following:
     American Ethnic & Minority Studies 100
     Anthropology 202
3. **SPECIFIC PRE-MAJOR REQUIREMENTS** (59 credits):
   - **A. Chemistry** (140, 150 **and** 160) ***and*** (235, 236 **and** 237)
   - **B. Biology** 201, 202 **and** 203
   - **C. Mathematics** 256
4. **ADDITIONAL COURSES** (15-16 credits)
   Education 170
   English 111, 112 **or** 113
   Health Education 190
   Lifetime Fitness/Wellness (2-3 credits):
   Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

Although it is not a requirement for this degree, it is recommended that students take additional coursework to better prepare them for transfer into this educational field.

Recommended: (15 credits)

Physics: The sequence is 110, 111 **and** 112

or

Physics: The sequence is 150, 151 **and** 152

or

Physics: The sequence is 201, 202 **and** 203

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CUR11 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 1)

The Associate in Science transfer degree Option 1 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 1 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 1 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 1)
101-102 Credits

Chemistry Education

1. **BASIC SKILLS** (15 credits)
   - **A. Communications** (5 credits)
     Courses in this area support the written communication learning outcome.
     English 110
   - **B. Quantitative Skills** (10 credits)
     Courses in this area support the quantitative and symbolic reasoning learning outcome.
     Mathematics 124 **and** 125
2. **HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE** (15 credits)
   - **A. Communication** 101
   - **B. Psychology** 100
   - **C.** A minimum of 5 credits from the following:
     American Ethnic & Minority Studies 100
     Anthropology 202
3. **SPECIFIC PRE-MAJOR REQUIREMENTS** (56 credits)
   - **A. Chemistry** (140, 150 **and** 160) **and** (235, 236 **and** 237)
   - **B. Physics:** The sequence is 110, 111 **and** 112
     or
     Physics: The sequence is 150, 151 **and** 152
     or
     Physics: The sequence is 201, 202 **and** 203
   - C. **Mathematics** 126 **or** 156
4. **ADDITIONAL COURSES** (15-16 credits)
   Education 170
   English 111, 112 **or** 113
   Health Education 190
   Lifetime Fitness/Wellness (2-3 credits):
   Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

To receive this information in an alternative format, please contact Disability Support Services at: DSS@greenriver.edu, (253) 833-9111, ext. 2631 or TTY at (253) 288-3359. LC-272.

CUR8 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 1)

The Associate in Science transfer degree Option 1 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 1 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 1 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 1)
93-97 Credits

General Science Education

1. BASIC SKILLS (15 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110

B. Quantitative Skills: (10 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124 **and** 125

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)

A. Communication 101

B. Psychology 100

C. A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100

Anthropology 202

3. SPECIFIC PRE-MAJOR REQUIREMENTS (48-51 credits):

A. Mathematics 256

B. Completion of a minimum of three sequences from the following four subject areas:

1. **Chemistry:** the sequence is 140, 150, **and** 160
2. **Biology:** the sequence is 201, 202, **and** 203
3. **Physics:** the sequence is 110, 111, **and** 112

   or

   Physics: the sequence is 150, 151, **and** 152

   or

   Physics: the sequence is 201, 202, **and** 203
4. **Geology:** the sequence is 101 **and** 206

4. ADDITIONAL COURSES (15-16 credits)

Education 170

English 111, 112 **or** 113

Health Education 190

Lifetime Fitness/Wellness (2-3 credits):

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

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CUR10 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 1)

The Associate in Science transfer degree Option 2 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 2 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/ program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 2 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 2)
Minimum of 90 Credits

Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences

1. GENERAL REQUIREMENTS (20 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110

After consultation with a science advisor, five additional credits are recommended from the following:

English 111, 112 **or** 113

B. Quantitative Skills: (15 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124, 125, 126 **or** 256

2. HUMANITIES/FINE ARTS/ENGLISH AND SOCIAL SCIENCE (15 credits)
Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.

A. Humanities/Fine Arts/English
A minimum of 5 credits from the following:
No more than 5 credits in foreign language at the 100 level. **No more than 5 credits** in performance or skills courses **(all courses in bold type)** may be applied to the Humanities/ Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

B. SOCIAL SCIENCE
A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

3. SPECIFIC REQUIREMENTS:
Class selection depends on the student's area of study. After consultation with a science advisor, a total of 50 credits are required from the following list:

A. Physics 201, 202 **and** 203 (15 credits)
***Physics** 110, 111 **and** 112 may be substituted with prior consultation with a science/engineering advisor.*

B. Select 6 credits to be taken from the following:

Chemistry 140, 150, 160, 235, 236, 237

C. Select 5 credits from the following:

Computer Science 145
General Engineering/Computer Science 142, 143, 144

D. Natural Science
Select 24 credits from the following list after consultation with a science/engineering advisor.

Anatomy/Physiology 205, 206, 210
Biology 201, 202, 203, 210
Chemistry 140, 150, 160, 235, 236, 237
Computer Science 142, 143, 144, 145
Engineering (G E) 106, 112, 140, 142, 143, 144, 240, 280, 281
Environmental Science 204
Geology 101, 206
Mathematics 102, 104, 106, 126, 224, 238, 240, 256
Philosophy 120, 215
Physics 110, 111, 112, 150, 151, 152, 201, 202, 203, 208, 221

4. LIFETIME FITNESS/WELLNESS (2-3 credits)
Select one course from the following:

Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

Degree exceptions for fitness/wellness courses must include medical documentation submitted to Disability Support Services (DSS) and documentation to the Degree Exception Committee.

5. ELECTIVES (2-3 credits)
Select 2-3 credits of any course 100 level or above.

English 111, 112 **or** 113 may be used.

6. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR7 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 2)

The Associate in Science transfer degree Option 2 encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 2 curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 2 distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 2)
97-98 Credits

Physics Education

1. **BASIC SKILLS** (15 credits)
   - **A. Communications:** (5 credits)
     Courses in this area support the written communication learning outcome.
     English 110
   - **B. Quantitative Skills:** (10 credits)
     Courses in this area support the quantitative and symbolic reasoning learning outcome.
     Mathematics 124 **and** 125
2. **HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE** (15 credits)
   - **A. Communication** 101
   - **B. Psychology** 100
   - **C.** A minimum of 5 credits from the following:
     American Ethnic & Minority Studies 100
     Anthropology 202
3. **SPECIFIC PRE-MAJOR REQUIREMENTS** (52 credits):
   - **A. Physics** 201, 202, **and** 203
   - **B. Chemistry** 140 **and** 160
   - **C. Mathematics** 126, 224, 238, **and** 240
   - **D. General Engineering/Computer Science** 142
4. **ADDITIONAL COURSES** (15-16 credits)
   Education 170
   English 111, 112 **or** 113
   Health Education 190
   Lifetime Fitness/Wellness (2-3 credits):
   Physical Education 101, 102, 103, 111, 131, 149, 160, 165, 169

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CUR9 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 2 MRP)

The Associate in Science transfer degree option 2 MRP encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree option 2 MRP curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree option 2 MRP distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science Transfer Degree (AS-T Option 2) – Major Related Program (MRP)

112 Credits

Engineering: Mechanical/Civil/Aeronautical/Industrial/ Materials Science/pre-Engineering (Other Engineering)

1. GENERAL REQUIREMENTS (35 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110 (5 credits)

B. Quantitative Skills: (30 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124, 125, 126, 224, 238 **and** 240

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)
(Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.)

A. Humanities/Fine Arts/English
A minimum of 5 credits from the following: No more than 5 credits allowed in any one discipline. No more than 5 credits in foreign language at the 100 level. No more than 5 credits in performance/skills courses **(all courses in bold type)** can be applied towards Humanities/Fine ArtsEnglish distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120**, 130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

B. Social Science
A course in Economics is recommended.
A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205, 260
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

3. SPECIFIC REQUIREMENTS (62 credits)

A. Physics 201, 202 **and** 203 (15 credits)

B. Chemistry 140 **and** 150 (12 credits)

C. Select 5 credits from the following:

Computer Science 145

General Engineering/Computer Science 142, 143, 144

D. Engineering course requirements (20 credits)

General Engineering 100, 106, 112, 240, 281

E. Select 10 credits from the following list after consultation with a science/engineering advisor.

English 113
General Engineering 104, 123, 140, 235, 280

4. TRANSFERABILITY OF CREDITS
Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR2 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 2 MRP)

The Associate in Science transfer degree Option 2 MRP encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 2 MRP curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 2 MRP distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Option 2) – Major Related Program (MRP)

102 Credits

Engineering: Biological or Chemical pre-Engineering

1. GENERAL REQUIREMENTS (30 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110 (5 credits)

B. Quantitative Skills: (25 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124, 125, 126, 224 **and** 238

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)
(Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.)

A. Humanities/Fine Arts/English
A minimum of 5 credits from the following:
No more than 5 credits allowed in any one discipline. No more than 5 credits in performance/skills courses **(all courses in bold type)** can be applied towards Humanities/Fine Arts/English distribution. No more than 5 credits in foreign language at the 100 level.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

B. Social Science
A course in Economics is recommended.
A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

3. SPECIFIC REQUIREMENTS (57 credits)

A. Physics 201, 202 **and** 203 (15 credits)

B. Chemistry 140, 150, 160 **and** 235 (24 credits)

C. Select 5 credits from the following:

Computer Science 142, 143, 144, 145
General Engineering 142, 143, 144

D. General Engineering 100

E. Select 5-6 credits

Biology 100 **or Chemistry** 236

F. Select at least 5 credits from the following list after consultation with an engineering advisor.

Biology 100
* **Chemistry** 236
General Engineering 235, 280
English 113
Mathematics 240

** An online course on chemical process, principles, and calculations will be added to this degree in the future.*

4. TRANSFERABILITY OF CREDITS

Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

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CUR12 080701

ASSOCIATE IN SCIENCE-TRANSFER DEGREE

(AS-T Option 2 MRP)

The Associate in Science transfer degree Option 2 MRP encompasses general education courses required of first and second year students and is intended to prepare students planning to transfer to a four-year institution in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The Associate in Science transfer degree Option 2 MRP curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but rather to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but with major/program preparation as well.

To earn this degree, you must complete 90-quarter credits in courses numbered 100 or above (from approved Associate in Science transfer degree Option 2 MRP distribution list) and meet specific distribution requirements. No more than 20 credits may be taken on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution for which they plan to transfer. You must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits, including the last quarter in residence, at Green River Community College. You should include some 200-level classes in your course of study.

Associate in Science-Transfer Degree (AS-T Opt 2)-Major Related Program (MRP)
96 Credits

Engineering: Computer or Electrical pre-Engineering

1. GENERAL REQUIREMENTS (30 credits)

A. Communications: (5 credits)
Courses in this area support the written communication learning outcome.

English 110 (5 credits)

B. Quantitative Skills: (25 credits)
Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics 124, 125, 126, 224 **and** 238

2. HUMANITIES/FINE ARTS/ENGLISH and SOCIAL SCIENCE (15 credits)
(Select 15 credits of humanities/fine arts/English and social science with at least five credits taken from each. Three different subjects required.)

A. Humanities/Fine Arts/English
A minimum of 5 credits from the following:
No more than 5 credits in foreign language at the 100 level. No more than 5 credits allowed in any one discipline. No more than 5 credits in performance/skills courses **(all courses in bold type)** can be applied towards Humanities/Fine Arts/English distribution.

Art 100, **105, 106, 107, 109, 110, 111, 112, 113, 114, 115,** 120, **130, 209, 210,** 212, 213, 214, **251, 252, 253, 255, 256, 257**
Chinese 101, 102, 103, 111
Communication 101, 110, 212, 215, 234, 238, 245
Dance 101, 102, 103, 204
Drama 102, **111, 112, 113,** 120, 140, 141, **151, 152, 153**
English 131, 132, 133, 135, 151, 152, 154, 160, 163, 165, 168, 180, 181, 183, 185, 187, 190, 221, 222, 223, 224, 225, 240, 244, 245, 246, 265, 266, 267, 268
French 101, 102, 103, 201
German 101, 102, 103
Humanities 100, 110, 133, 160, 186, 190, 191, 224
Japanese 101, 102, 103
Journalism 101, 150, 151, 152, 156, 201, 254
Music 100, 101, 103, 104, 105, 106, 107, 111, 112, 113, **114, 115, 116, 118, 119, 120, 124, 127, 128, 129, 130.1, 130.2, 130.3, 132, 133, 134, 218, 219, 220, 227, 228, 229, 230.1, 230.2, 230.3**
Philosophy 100, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 104
Spanish 101, 102, 103, 110, 201, 202, 203

B. Social Science
A course in Economics is recommended.
A minimum of 5 credits from the following:

American Ethnic & Minority Studies 100, 215
Anthropology 100, 201, 202, 203, 204, 205, 206, 210, 215, 220, 265, 273, 274
Behavioral Science 200
Business Administration 101, 200, 205
Criminal Justice 100, 215
Economics 100, 101, 200, 201
Geography 100, 108, 120, 123, 190, 200, 205
History 101, 102, 103, 120, 122, 135, 200, 220, 221, 222, 224, 225, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250
Political Science 100, 201, 202, 203, 204, 207
Psychology 100, 200, 201, 209, 210, 220, 250
Social Science 160, 215
Sociology 110, 201, 215, 220, 230, 240, 245, 260

3. SPECIFIC REQUIREMENTS (51 credits)

A. Physics 201, 202 **and** 203 (15 credits)

B. Chemistry 140 (6 credits)

C. Select 10 credits from the following:

General Engineering/Computer Science 142 **and** 143 **or**

General Engineering/Computer Science 144 **and** **Computer Science** 145

D. Select 10 credits

General Engineering 100, 106, 235

E. Select 10 credits*

English 113
General Engineering 104, 112, 280

**A course in digital logic will be added to this list in the future.*

4. TRANSFERABILITY OF CREDITS

Green River Community College is fully accredited. Academic courses will usually be accepted by other institutions offering the same (or similar) courses. However, each institution has its own transfer policies and each student is responsible for knowing the transfer and admission requirements of the receiving institution. Students are urged to consult with their advisor and a representative from the college they plan to attend after Green River.

To receive this information in an alternative format, please contact Disability Support Services at: DSS@greenriver.edu, (253) 833-9111, ext. 2631 or TTY at (253) 288-3359. LC-272.

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ASSOCIATE PRE-PROFESSIONAL DEGREE (A-PP)

While students in most college majors take the same general education requirements during their first two years, some majors demand more specialized subjects. The Associate Pre-Professional degree is designed for those students who need specific requirements that prevent them from satisfying the broad requirements of the AA, AB, AM, AElemEd, APreNurse, AAS-T, or AS-T degrees or that will enhance their program of study at the transfer institution.

If students wish to design a program to transfer to a specific department within a four-year institution, they should consult advisors at both Green River and their Transfer College or university. Students are responsible for finding out the unique requirements of the institution they plan to attend after Green River. An advisor will help students plan an appropriate selection of classes to ensure that all requirements of the transfer institution are met; the program will be customized for the transfer institution of their choice. Students are required to present an Associate Pre-Professional degree plan to their advisor for approval. The plan becomes a permanent part of the student's record.

Contact an advisor in the Career and Advising Center for assistance in submitting an A-PP degree plan.

ACADEMIC CERTIFICATE

A certificate in an academic area of study is awarded in recognition of an individual's attainment of a body of knowledge that will strengthen the student's educational experience. These skills are based on standards that faculty within that area have developed to emphasize or enhance a student's major-ready preparation. Academic certificates, when used in conjunction with an Associate in Arts degree, will help emphasize a student's educational experiences.

Requirements include:

- Earn a minimum grade point average of 2.0
- Complete a minimum of 25% of the credits required, including the last quarter in residence, at Green River.
- Earning no more than 10 credits on a pass/no credit basis. Students should be aware that courses with "Pass" grades may not satisfy the requirements in their major field. Each student is responsible for knowing the transfer requirements and policies, and they are urged to consult the catalog of the institution to which they plan to transfer.

ASSOCIATE IN APPLIED SCIENCE-TRANSFER DEGREE (AAS-T)

The Associate in Applied Science-Transfer degree (AAS-T) is built upon the technical courses required for job preparation but also includes a college-level general education component, common in structure for all such degrees. Further, the general education courses for the degree are drawn from the same list as those taken by students completing the Direct Transfer Agreement (DTA) associate degree or the Associate in Science-Transfer (AS-T) degree.

The following guidelines provide specific information about how this degree may be developed:

Degree requirements include:

- 70 credits in the technical field as specified by the industry advisory committee.
- 20 credits of general education courses as follows:
  - 5 credits communications – Engl 110
  - 5 credits quantitative reasoning – College-level math with Math 097, Intermediate Algebra as a prerequisite
  - 10 credits in social science, humanities, or science – to be selected from the list of courses "generally accepted".
- Earning a minimum of 90 credits with a minimum grade point average of 2.0.
- Completing the minimum of 24 credits, including the last quarter of residence at Green River Community College.
- Earning no more than 25% of the credit requirements on a pass/no credit basis.

The curriculum for each Associate in Applied Science-Transfer degree is determined by the faculty of Green River Community College in conjunction with each discipline advisory committee from business and industry. Consult the listing of the program of your choice for specific courses required.

Art–Advanced Studies

Academic Certificate
31-33 Credits

Note: This certificate does not qualify for federal financial aid or VA funding unless the certificate or courses is applied towards an Associate in Development degree.

Contact: Paul Metivier, ext. 4766
pmetivier@greenriver.edu

	Dept./No.	Course Title		Credits
	Required Courses:			
*	Art 180	The Artist's Portfolio		3
*	Art 199 **or**	Independent Study-Design **or**	(1-5)	
	Art 275, 276, 277 **or**	Independent Study-Ceramics **or**	(1-5)	
	Art 294, 295, 296 **or**	Independent Study-Painting **or**	(1-5)	
	Art 297, 298, 299	Independent Study-Drawing	(1-5)	3-5
	Select a minimum of 25 credits from the following list of courses:			
	Art 106	Intermediate Drawing		5
	Art 107	Advanced Drawing		5
	Art 110	Intermediate Design & Color		5
	Art 209	3-Dimensional Design		5
	Art 210	Advanced 3-Dimensional Design		5
	Art 256	Advanced Painting 2		5
	Art 257	Advanced Painting 3		5
	Art 252	Ceramics 2		5
	Art 253	Ceramics 3		5
	Photo 103	Advanced Photography		5
	All art history classes are recommended:			
	Art 212, 213, 214	History of Art		5 ea

** Course will transfer as elective only. Consult with your transfer institution.*

Art–Ceramics

Academic Certificate
43 Credits

The Art certificates' objective is to provide students with a core group of classes that will aid in the creation of an art portfolio. Each certificate is designed to create a proper progression of courses beginning with a strong foundation in the fundamentals of art and design.

Note: This certificate does not qualify for federal financial aid or VA funding, unless the certificate or courses is applied towards an Associate in Arts or Associate Development degree.

Contact: Paul Metivier, ext. 4766
pmetivier@greenriver.edu

	Dept./No.	Course Title	Credits
	Art 105	Beginning Drawing	5
	Art 109	Beginning Design	5
	Art 110	Intermediate Design & Color	5
	Art 114	Pottery 1	5
*	Art 180	The Artist's Portfolio	3
	Art 209	3-Dimensional Design	5
	Art 251	Ceramics 1	5
	Art 252	Ceramics 2	5
	Art 253	Ceramics 3	5
	To enhance the student's portfolio, the following are recommended:		
	Art 115	Pottery 2	5
	Art 210	Advanced 3-Dimensional Design	5
	All art history classes are recommended:		
	Art 212, 213, 214	History of Art	5 ea

** Course will transfer as elective only. Consult with your transfer institution.*

Art–Design

Academic Certificate
41-43 Credits

The Art certificates' objective is to provide students with a core group of classes that will aid in the creation of an art portfolio. Each certificate is designed to create a proper progression of courses beginning with a strong foundation in the fundamentals of art and design.

Note: This certificate does not qualify for federal financial aid or VA funding, unless the certificate or courses is applied towards an Associate in Arts or Associate Development degree.

Contact: Gary Oliveira, ext. 4663
goliveira@greenriver.edu

	Dept./No.	Course Title	Credits
	Art 105	Beginning Drawing	5
	Art 106	Intermediate Drawing	5
	Art 109	Beginning Design	5
	Art 110	Intermediate Design & Color	5
*	Art 180	The Artist's Portfolio	3
	Art 209	3-Dimensional Design	5
	Photo 101	Beginning Black & White Photography	5
	Photo 104	Beginning Digital Photography	5
	Complete one class from the following courses:		
	To enhance the student's portfolio, the following are recommended:		
*	Art 150 **or**	Literary/Art Journal Design **or**	3-5
*	Art 120	Introduction to Graphic Design	
	Recommended for Illustration majors:		
	Art 107 **or**	Advanced Drawing **or**	5
	Art 255	Advanced Painting 1	
	To enhance the student's portfolio, the following are recommended:		
*	Art 177, 178, 179	Art Work Experience	1-3
	(Based on interview and availability, limited enrollment)		
	All art history classes are recommended:		
	Art 212, 213, 214	History of Art	5 ea

** Course will transfer as elective only. Consult with your transfer institution.*

Art–Interdisciplinary

Academic Certificate
41-43 Credits

This certificate is designed for art educators and those who want to explore various disciplines.

Note: This certificate does not qualify for federal financial aid or VA funding, unless the certificate or courses is applied towards an Associate in Arts or Associate Development degree.

Contact: Paul Metivier, ext. 4766
pmetivier@greenriver.edu

	Dept./No.	Course Title	Credits
	Art 105	Beginning Drawing	5
	Art 109	Beginning Design	5
*	Art 180	The Artist's Portfolio	3
	Art 209	3-Dimensional Design	5
	Art 251	Ceramics 1	5
	Art 255	Advanced Painting 1	5
	Photo 101	Beginning Black & White Photography	5
	Photo 104	Beginning Digital Photography	5
	Choose one course from the following list:		
	Art 106	Intermediate Drawing	5
	Art 110	Intermediate Design & Color	5
*	Art 120	Introduction to Graphic Design	5
*	Art 150	Literary/Art Journal Design	3
	Art 252	Ceramics 2	5
	Art 256	Advanced Painting 2	5
	Photo 102	Intermediate Photography	5
	All Art History classes are recommended:		
	Art 212, 213, 214	History of Art	5 ea

** Courses will transfer as elective only. Consult with your transfer institution.*

Art–Photography

Academic Certificate
41 Credits

The Art certificates' objective is to provide students with a core group of classes that will aid in the creation of an art portfolio. Each certificate is designed to create a proper progression of courses beginning with a strong foundation in the fundamentals of art and design.

Note: This certificate does not qualify for federal financial aid or VA funding, unless the certificate or courses is applied towards an Associate in Arts or Associate Development degree.

Contact: Patrick Navin, ext. 4552
pnavin@greenriver.edu

	Dept./No.	Course Title	Credits
	Photo 101	Beginning Black & White Photography	5
	Photo 102	Intermediate Photography	5
	Photo 103	Advanced Photography	5
	Photo 104	Beginning Digital Photography	5
	Art 105	Beginning Drawing	5
	Art 109	Beginning Design	5
	Art 110	Intermediate Design & Color	5
*	Art 150	Literary/Art Journal Design	3
*	Art 180	The Artist's Portfolio	3
	To enhance the student's portfolio, the following are recommended:		
	Art 106	Intermediate Drawing	5
	Art 107	Advanced Drawing	5
*	Art 120	Introduction to Graphic Design	5
	All art history classes are recommended:		
	Art 212, 213, 214	History of Art	5 ea

** Course will transfer as elective only. Consult with your transfer institution.*

Art–Studio

Academic Certificate
43 Credits

The Art certificates' objective is to provide students with a core group of classes that will aid in the creation of an art portfolio. Each certificate is designed to create a proper progression of courses beginning with a strong foundation in the fundamentals of art and design.

Note: This certificate does not qualify for federal financial aid or VA funding, unless the certificate or courses is applied towards an Associate in Arts or Associate Development degree.

Contact: Cindy Small, ext. 4203
csmall@greenriver.edu

	Dept./No.	Course Title	Credits
	Art 105	Beginning Drawing	5
	Art 106	Intermediate Drawing	5
	Art 107	Advanced Drawing	5
	Art 109	Beginning Design	5
	Art 110	Intermediate Design & Color	5
*	Art 180	The Artist's Portfolio	3
	Art 209	3-Dimensional Design	5
	Art 255	Advanced Painting 1	5
	Art 256	Advanced Painting 2	5
	To enhance the student's portfolio, the following are recommended:		
	Art 210	Advanced 3-Dimensional Design	5
	Art 257	Advanced Painting 3	5
	Photo 101	Beginning Black & White Photography	5
	All art history classes are recommended:		
	Art 212, 213, 214	History of Art	5 ea

** Course will transfer as elective only. Consult with your transfer institution.*

Broadcasting

Associate Pre-Professional Degree
90 Credits

Broadcasting students may earn a one-year certificate in Broadcasting or a two-year Associate Pre-Professional degree.

Contact: Tom Evans Krause, ext. 2190
tkrause@greenriver.edu

	Dept./No.	Course Title	Credits
	Comm 101	Basic Speech Communication	5
	Engl 110	College Writing	5
	Engl 111 **or** Engl 112 **or** Engl 113	Writing: Humanities **or** Writing: Social Sciences **or** Research Writing: Science, Engineering & Business	5
	Journ 150	Introduction to Broadcasting	3
	Journ 151	Radio Production	3
	Journ 152	Radio & the Community	3
*	Journ 153	Broadcast Newswriting	3
	Journ 201	Introduction to Mass Media	5
	Journ 254	Advanced Radio Production	3
*	Journ 255	Marketing the Broadcast Media	3
	Math	Math course 100 or above	5
	Lifetime Fitness/ Wellness	Include one fitness-related course	3
	Humanities/Fine Arts	One additional course (not Comm or Journ)	1-5
	Social Science	Three separate areas	15
	Natural Science/Math	Three separate areas including one lab	15
	Total of 10 credits to be taken from the following group of Journalism classes:		
	• Must take one course from Journ 110, 111, 112, or Journ 205, 206, 207 and		
	• Must take one coure from Journ 120, 121, 122		
*	Journ 110 **or** * Journ 120 **or** * Journ 205	Radio Laboratory 1 **or** Digital Radio Laboratory **or** Radio Management	1-5
*	Journ 111 **or** * Journ 121 **or** * Journ 206	Radio Laboratory 2 **or** Digital Radio Laboratory 2 **or** Radio Workshop	1-5
*	Journ 112 **or** * Journ 122 **or** * Journ 207	Radio Laboratory 3 **or** Digital Radio Laboratory 3 **or** Advanced Radio Workshop	1-5
	Recommended Electives: Complete three (3) credits from the following list to total 90 credits:		
	Comm 215	Critical Analysis of Media	5
	Journ 156	Broadcast & New Media Announcing	3
*	Journ 177-179 **and** * Coop 171	Journalism Work Experience **and** Work Experience Seminar	1-13
*	Journ 251-253	Journalism Internship	3-9

** Course will transfer as electives only. Consult with your transfer institution.*

Broadcasting

Academic Certificate
39-44 Credits

Contact: Tom Evans Krause, ext. 2190
tkrause@greenriver.edu

Dept./No.	Course Title	Credits
Reading	Eligible for Read 104 (as determined by the appropriate COMPASS score **or** completion of Read 094)	0-5
Engl 110	College Writing	5
Journ 150	Introduction to Broadcasting	3
Journ 151	Radio Production	3
Journ 152	Radio & the Community	3
Journ 153	Broadcast Newswriting	3
Journ 254	Advanced Radio Production	3
Journ 255	Marketing the Broadcast Media	3
Electives	(See Recommended Electives below)	1-6
Total of 10 credits to be taken from the following group of Journalism classes:		
• Must take one course from Journ 110, 111, 112, or Journ 205, 206, 207 and		
• Must take one course from Journ 120, 121, 122		
Journ 110 **or** * Journ 120 **or** Journ 205	Radio Laboratory 1 **or** Digital Radio Laboratory **or** Radio Management	1-5
Journ 111 **or** * Journ 121 **or** Journ 206	Radio Laboratory 2 or Digital Radio Laboratory 2 **or** Radio Workshop	1-5
Journ 112 **or** * Journ 122 **or** Journ 207	Radio Laboratory 3 **or** Digital Radio Laboratory 3 **or** Advanced Radio Workshop	1-5
Recommended Electives:		
Comm 101	Basic Speech Communication	5
Journ 156	Broadcast & New Media Announcing	3
Journ 177-179 **and** Coop 171	Journalism Work Experience **and** Work Experience Seminar	1-12 1
Journ 201	Introduction to Mass Media	5
Journ 251-253	Journalism Internship	3-9

** Course will transfer as electives only. Consult with your transfer institution.*

Communication Studies

Academic Certificate
20 Credits

Courses used to fulfill requirements in one section may not also be used to fulfill requirements in another section.

Contact: Kathleen Loucks, ext. 4641
kloucks@greenriver.edu

Dept./No.	Course Title	Credits
Required: 10 credits		
Comm 101	Basic Speech Communication	5
Comm 110 **or** Comm 234	Interpersonal Communication **or** Small Group Leadership & Discussion	5
Select a minimum of 10 credits from the following courses:		
* Comm 100	Fundamentals of Oral Communication	5
Comm 110 **or** Comm 234	Interpersonal Communication **or** Small Group Leadership & Discussion	5

*	Comm 177-179 **and** Coop 171	Communication Work Experience **and** Work Experience Seminar	5 1
	Comm 212	Persuasion & Propaganda	5
	Comm 215	Critical Analysis of Media	5
	Comm 238	Communication Across Cultures	5
	Comm 245	Argumentation	5
*	Comm 299	Independent Study	2-5

** Course will transfer as elective only. Consult with your transfer institution.*

Advanced Communication Studies

Academic Certificate
30 Credits

Courses used to fulfill requirements in one section may not also be used to fulfill requirements in another section.

Contact: Kathleen Loucks, ext. 4641
kloucks@greenriver.edu

Dept./No.	Course Title	Credits
Required 10 credits		
Comm 101	Basic Speech Communication	5
Comm 110 **or** Comm 234	Interpersonal Communication **or** Small Group Leadership & Discussion	5
Select a minimum of 10 credits from the following courses:		
Comm 110 **or** Comm 234	Interpersonal Communication **or** Small Group Leadership & Discussion	5
Comm 212	Persuasion & Propaganda	5
Comm 245	Argumentation	5
Select a minimum of 10 credits from the following courses:		
* Bus 159	Professional Selling	5
* Comm 100	Fundamentals of Oral Communication	5
* Comm 177-179 **and** * Coop 171	Communication Work Experience **and** Work Experience Seminar	1-5
Comm 212	Persuasion & Propaganda	5
Comm 215	Critical Analysis of Media	5
Comm 238	Communication Across Cultures	5
Comm 245	Argumentation	5
* Comm 299	Independent Study	1-5
* Journ 110 **or** * Journ 111 **or** * Journ 112	Radio Laboratory 1 **or** Radio Laboratory 2 **or** Radio Laboratory 3	1-5
Journ 150	Introduction to Broadcasting	3
Journ 201	Introduction to Mass Media	5
* Journ 205 **or** * Journ 206 **or** * Journ 207	Radio Management **or** Radio Workshop **or** Advanced Radio Workshop	1-5

** Course will transfer as elective only. Consult with your transfer institution.*

Diversity Studies

Academic Certificate
20 Credits

Examining diversity encompasses the knowledge, attitudes and skills necessary for students to understand power relations; to function responsibly in a diverse, global society; and to gain a critical awareness of the social construction of race, ethnicity, gender, class, sexual orientation, disability, culture, religion and age in local, national and global contexts.

Students must have an accumulative G.P.A. of 2.0 for the classes chosen for the certificate; only one class can have a Pass/No Credit designation. Students seeking the Gender Studies certificate may use no more than two courses from that certificate to fulfill the Diversity certificate

Contact: Linda Lotus, ext. 4245
llotus @greenriver.edu

Dept./No.	Course Title	Credits
Required Course:		
Ames 100 **or** Phil 238	Introduction to Ethnic & Minority Studies **or** Introduction to the Philosophy of Human Rights	5
Additional Courses:		**15**
Anthr 210	Indians of North America	(5)
Engl 160	Literature By & About Women	(5)
Engl 163	The Poetics of Rap & Hip Hop	(5)
Engl 224	American Ethnic Literature	(5)
Engl 225	African American Literature	(5)
Engl 268	Non-Western World Literature	(5)
Hist 224	African American History	(5)
Hist 225	Women in United States History	(5)
Hist 226	Asian-American History	(5)
Hist 228	Latinos in the United States	(5)
Human 224	Women & World Religions	(5)
Soc 220	Sex & Gender in Society	(5)

Gender Studies

Academic Certificate
20 Credits

This certificate is a 20-credit interdisciplinary certificate. Program courses include an introductory course in Gender Studies and 15 credits of additional courses whose primary focus is the study of gender. Content for additional courses may include, but is not limited to, issues of gender roles for men and women, social construction of gender and sex, and sexuality.

Contact: Louise Hull, ext. 4386
lhull@greenriver.edu

Dept./No.	Course Title	Credits
Required Course:		
Human 160 **or** S Sci 160	Introduction to Gender Studies **or** Introduction to the Study of Gender	5
Additional Courses: Select 15 credits from the following courses:		
Engl 160	Literature By & About Women	(5)
Hist 225	Women in United States History	(5)
Human 224	Women & World Religion	(5)
Phil 206	Philosophical Issues of Sex & Gender	(5)
Psych 200 **or** Soc 220	Human Sexuality **or** Sex & Gender in Society	(5)

Information Technology
Computer Support Specialist

Associate in Applied Science-Transfer (AAS-T)
90 Credits

This degree program prepares students for entry-level employment in a variety of IT positions, such as: PC repair technician, computer support technician, technical support specialist, and systems administrator.

Students in this degree program receive foundational training in a broad range of help desk and computer systems administration subjects, resulting in a balanced, well-rounded knowledge of information technology. In addition to these specialized courses, students learn key interpersonal communication skills sought by employers, and complete a minimum of 264 hours of help-desk work experience.

Computer support technicians troubleshoot hardware, software, and operating system problems reported by end users, often over the telephone. Technical support specialists install, configure, update, troubleshoot, and repair computer hardware, software, operating systems, and peripheral devices. System administrators install, support, and maintain an organization's network servers and directory services infrastructure.

Contact: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

Dept./No.	Course Title	Credits
General Education Requirements:		
B A 101	Business, Government & Society	5
# Comm 101 **or**	Basic Speech Communication **or**	
Comm 110 **or**	Interpersonal Communication **or**	
Comm 234	Small Group Leadership & Discussion	5
# Engl 110	College Writing	5
# Math 102 **or**	Pre-Calculus 1 **or**	
Math 104 **or**	Pre-Calculus 2 **or**	
Math 107 **or**	Contemporary Math **or**	
Math 124 **or**	Calculus & Analytic Geometry 1 **or**	
Math 156 **or**	Finite Math for Business & Social Science **or**	
Math 157	Calculus for Business & Social Science	5
Core Requirements:		
* Keyboarding	30 wpm (5 minute-typing test administered by Business Education department)	
Bus E 100	Fundamentals of Microcomputers	5
Bus E 132	Business Communication Applications	5
IT 101	Introduction to Computer Science	5
IT 110 **or**	PC Support Technician 1 **or**	
	** CompTIA A+ Certification	0-5
IT 115 **or**	PC Support Technician 2 **or**	
	** CompTIA A+ Certification	0-5
IT 116	PC Support Technician 3 (Windows Application)	5
IT 130	Introduction to Networking	5
IT 135	Introduction to Network Security	5
# IT 140	Customer Service for IT Professionals	5
IT 160	Microsoft Windows (Current version) Server Implementation	5
IT 121 **or**	Introduction to HTML **or**	
IT 225 **or**	Shell Scripting for Windows **or**	
Bus E 184	Internet & Basic Web Design	5
IT 240	Manage MS Windows (Current version) Network Environment	5
Practical Experience: Ten (10) credits from the following courses:		**10**
IT 171	IT Work Experience	(1)
IT 175	Student Assistant	(0-4)
IT 178	Help Desk Work Experience	(5-9)
Electives:		**0-10**
**Any course 100 or higher in the college catalog.		(0-10)

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing a 5-minute typing test at 30 wpm with 5 or less errors using the proper typing techniques administered by the Business Education department.*

*** Elective credits are only required if students submit a CompTIA A+ certification in place of IT 110 and/or IT 115.*

Note:
Students wishing to transfer to Central Washington University should take Engl 113 in addition to Engl 110. Students should also take Math 156, and one of the following: (Math 102, Math 104, Math 107, Math 124 or Math 157). Students who wish to transfer should meet with an academic advisor to ensure they take the appropriate classes to meet the transfer requirements.

Information Technology
Information Assurance

Associate in Applied Science-Transfer (AAS-T)
105-120 Credits

This degree program prepares graduates for employment in the information technology field as computer security specialists and information assurance technicians.

Information assurance is one of the fastest growing and most challenging specialty areas in information technology. Computer security specialists and information assurance technicians educate end users about security; implement security configurations, including hardening servers and client computers; monitor the network for attempted and actual security breaches; and respond to attacks.

Students in this degree program receive foundational training in a broad range of networking and computer systems administration subjects, resulting in a balanced, well-rounded knowledge of information technology. Students also complete four courses on key information assurance and network security topics: Introducing to Network Security, Information Assurance, Designing and Implementing Security, and Implementing and Security Wireless Networks. In addition to these specialized courses, students learn key interpersonal communication skills sought by employers and complete a minimum of 90 hours of information assurance-related work experience.

Contact: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

Dept./No.	Course Title	Credits
General Education Requirements:		
B A 101	Business, Government & Society	5
# Comm 101 **or**	Basic Speech Communication **or**	
Comm 110 **or**	Interpersonal Communication **or**	
Comm 234	Small Group Leadership & Discussion	5
# Engl 110	College Writing	5
Engl 113	Research Writing: Science, Engineering & Business	5

#	Math 102 **or**	Pre-Calculus 1 **or**	
	Math 104 **or**	Pre-Calculus 2 **or**	
	Math 107 **or**	Contemporary Math **or**	
	Math 124 **or**	Calculus & Analytic Geometry 1 **or**	
	Math 156 **or**	Finite Math for Business & Social Science **or**	
		Achieve a COMPASS score for eligibility for Math 104 or higher	0-5
	Core Requirements:		
*	Keyboarding	30 wpm (5 minute-typing test administered by Business Education department)	
	IT 110 **or**	PC Support Technician 1 **or** CompTIA A+ Certification	0-5
	IT 115 **or**	PC Support Technician 2 **or** CompTIA A+ Certification	0-5
	IT 116 **or**	PC Support Technician 3 (Windows Application) **or**	
	Bus E 266	Inside Microsoft Office	0-5
	IT 130	Introduction to Networking	5
	IT 135	Introduction to Network Security	5
#	IT 140	Customer Service for IT Professionals	5
	IT 145	Introduction to Microsoft Project	5
	IT 160	Microsoft Windows (Current version) Server Implementation	5
	IT 190	Linux Administration	5
	IT 215	Information Assurance	5
	IT 216	Implementing Firewalls	5
	IT 225 **or**	Shell Scripting for Windows **or**	
	C Sci 144	Java 1	5
	IT 240	Manage MS Windows (Current version) Network Environment	5
	IT 245	Implementing & Administering Directory Services	5
	IT 255	Patch Management	5
	IT 280	Designing & Implementing Security	5
	IT 285	Implementing & Securing Wireless Networks	5
	Practical Experience: Ten (10) credits from the following courses:		**10**
	IT 171	IT Work Experience Seminar	(1)
	IT 175	Student Assistant	(0-3)
	IT 178	Help Desk Work Experience	(0-9)
	IT 179	Network Security Work Experience	(0-9)

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing a 5-minute typing test at 30 wpm with 5 or less errors using the proper typing techniques administered by the Business Education department.*

Note:
Students wishing to transfer to Central Washington University should take Math 156 and one of the following: (Math 102, Math 104, Math 107, Math 124 or Math 157). Students who wish to transfer should meet with an academic advisor to ensure they take the appropriate classes to meet the transfer requirements.

Information Technology Networking

Associate in Applied Science-Transfer (AAS-T) 105-120 Credits

This degree program prepares students for entry-level employment in a variety of IT positions, such as: PC repair technician, help-desk technician, technical support specialist, network technician, and network or computer systems administrator.

Students in this degree program receive foundational training in a broad range of networking and computer systems administration subjects, resulting in a balanced, well-rounded knowledge of information technology. Students also complete four courses on key networking topics: Introduction to Networking, Managing Cisco Routers and Switches, Managing a Microsoft Windows Network Environment, and Implementing and Securing Wireless Networks (or Implementing and Managing Microsoft Exchange). In addition to these specialized courses, students learn key interpersonal communication skills sought by employers and complete a minimum of 90 hours of information assurance-related work experience.

Help-desk technicians troubleshoot hardware, software, and operating system problems reported by end users, often over the telephone. Technical support specialists install, configure, update, troubleshoot, and repair computer hardware, software, operating systems, and peripheral devices. Network technicians and administrators install, support, and maintain an organization's network infrastructure. They also troubleshoot problems and monitor the network to ensure that performance and availability standards are met. System administrators install, support, and maintain an organization's network servers and directory services infrastructure.

Contact: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

	Dept./No.	Course Title	Credits
	General Education Requirements		
	B A 101	Business, Government & Society	5
#	Comm 101 **or**	Basic Speech Communication **or**	
	Comm 110 **or**	Interpersonal Communication **or**	
	Comm 234	Small Group Leadership & Discussion	5
#	Engl 110	College Writing	5
	Engl 113	Research Writing: Science, Engineering & Business	5
#	Math 102 **or**	Pre-Calculus 1 **or**	
	Math 104 **or**	Pre-Calculus 2 **or**	
	Math 107 **or**	Contemporary Math **or**	
	Math 124 **or**	Calculus & Analytic Geometry 1 **or**	
	Math 156 **or**	Finite Math for Business & Social Science **or**	
		Eligible for Math 104 or higher	0-5
	Core Requirements		
*	Keyboarding	30 wpm (5 minute typing test administered by Business Education department)	
	IT 110 **or**	PC Support Technician 1 **or** CompTIA A+ Certification	0-5
	IT 115 **or**	PC Support Technician 2 **or** CompTIA A+ Certification	0-5
	IT 116 **or**	PC Support Technician 3 (Windows Application) **or**	
	Bus E 266	Inside Microsoft Office	0-5
	IT 130	Introduction to Networking	5
	IT 132	Structured Cabling	2
	IT 135	Introduction to Network Security	5
#	IT 140	Customer Service for IT Professionals	5
	IT 145	Introduction to Microsoft Project	5
	IT 160	Microsoft Windows (Current version) Server Implementation	5
	IT 190	Linux Administration	5
	IT 210	Managing Cisco Routers & Switches	5
	IT 102 **or**	Program Design **or**	
	IT 121 **or**	Introduction to HTML **or**	
	IT 225 **or**	Shell Scripting for Windows **or**	
	Bus E 184 **or**	Internet & Basic Web Design **or**	
	C Sci 144	Java 1	5
	IT 216	Implementing Firewalls	5

IT 240	Managing MS Windows (Current version) Network Environment	5
IT 245	Implementing & Administering Directory Services	5
IT 250	Implementing & Managing MS Exchange (Current version)	5
IT 252 **or**	System Administration for Microsoft SQL Server **or**	
IT 201	Fundamental of Database Design	5
IT 285	Implementing & Securing Wireless Networks	5
Practical Experience : Eight (8) credits from the following courses:		**8**
IT 171	IT Work Experience Seminar (1)	
IT 175	Student Assistant (0-3)	
IT 178	Help Desk Work Experience (0-7)	
IT 181	Network Management Work Experience (0-7)	

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing a 5-minute typing test at 30 wpm with 5 or less errors using the proper typing techniques administered by the Business Education department.*

Note:
Students wishing to transfer to Central Washington University should take Math 156 and one of the following: (Math 102, Math 104, Math 107, Math 124 or Math 157). Students who wish to transfer should meet with an academic advisor to ensure they take the appropriate classes to meet the transfer requirements.

Math/Science Certificate for Elementary (K8) Teachers

Academic Certificate
30 Credits

A minimum cumulative GPA of 2.5 for all six courses and a minimum 2.0 GPA in each individual course is required to obtain the certificate. The certificate does not lead to a Washington State endorsement in mathematics or science.

Contacts: Steve Kinholt, ext. 4354 skinholt@greenriver.edu — Keith Clay, ext. 4248 kclay@greenriver.edu

Dept./No.	Course Title	Credits
Math 170	Number Theory for Elementary Teachers	5
Math 171	Geometry for Elementary Teachers	5
Math 172	Probability & Statistics for Elementary Teachers	5
IDS 101	Interdisciplinary Science 1	5
IDS 102	Interdisciplinary Science 2	5
IDS 103	Interdisciplinary Science 3	5

Mechanical Design Technology

Associate in Applied Science Degree-Transfer (AAS-T)
120 Credits

Mechanical designers and technicians assist engineers in industry and require a very broad technological background. Students program will develop proficiency inboard drawing and computer-aided drafting. Students are able to prepare drawings for manufacturing and fabrication. The ANSI (American National Standards Institute) and the ASME (American Society of Mechanical Engineers) drafting and design standards will be taught and reinforced as students prepare drawings in both 2D and 3D using AutoCAD, CADkey, and Mastercam applications software.

Throughout this course of study, students will be required to use sketches, notes, technical literature, and personal research to complete assignments. Students will complete related credits in the areas of manufacturing and engineering.

For additional information, see the course description listed under Design Technology in the 2006-2008 catalog.

Contacts: Terry Waagan twaagan@greenriver.edu — Felix Serna, ext. 4321 fserna@greenriver.edu

	Dept./No.	Course Title		Credits
#	Comm 100 **or** Comm 101 **or** Comm 110	Fundamentals of Oral Communication **or** Basic Speech Communication **or** Interpersonal Communication		5
	D T 100 **or** D T 110 **and** D T 112	Introduction to CADD/CAM **or** Introduction to AutoCAD **and** Introduction to Keycreator	(7) (4) (4)	7-8
	D T 101 **or** D T 101.1 **and** D T 101.2	Technical Drafting **or** Drafting Fundamentals **and** Machine Drafting 1	(7) (4) (3)	7
	D T 102 **or** D T 102.1 **and** D T 102.2	Descriptive Geometry **or** Descriptive Geometry **and** Machine Drafting 2	(7) (4) (3)	7
	D T 105 **or** Tech 100	Design Drafting Careers **or** Careers for the New Millennium		2
	D T 115	Geometric Dimensioning & Tolerancing		4
	D T 131	Mechanical Drafting (CADD)		7
	D T 135	3D CADD/CAM		7
	D T 151	Technical Illustration		7
	D T 145	Structural Drafting-Steel		5
#	D T 231	Mechanical Design (CADD)		7
	D T 232	Drafting & Design Projects (CADD)		7
	D T 236 **or** D T 113	Introduction to Inventor **or** Solidworks 1		4
	D T 237	Advanced 3D CADD/CAM		4
#	Engl 110 **or** Engl 113	College Writing or Research Writing: Science, Engineering & Business		5
	I E 189	Basic Metallurgy		4
	I E 204 **or** G E 112	Statics & Strengths **or** Statics		5
	Phys 110 **or** Phys 201	Introduction to College Physics **or** Physics for Science & Engineering		5
	# Ten credits from the following Math courses:			**10**
	Math 102	Pre-Calculus 1	(5)	
	Math 104	Pre-Calculus 2	(5)	
	Math 124	Calculus & Analytic Geometry 1	(5)	
	Math 125	Calculus & Analytical Geometry 2	(5)	
	Electives: Students must choose from the following courses to total 120 credits:			
	Coop 171	Work Experience Seminar	(1)	
	D T 113	Solidworks 1	(4)	
	D T 161	Electrical & Electronic Drafting	(5)	
	D T 175	Drafting Work Experience	(4-6)	
	D T 177-179	Drafting Work Experience 1-3	(3 ea)	
	D T 180-182	Leadership Skills 1-3	(1 ea)	
	D T 199 or 299	Independent Study	(1-5 ea)	
	D T 200	ADDA Certification	(2)	
	D T 210	Advanced AutoCAD Development 1	(4)	
	D T 236	Introduction to Inventor	(4)	
	D T 277-279	Drafting Work Experience 4-6	(3 ea)	
	G E 106	Introduction to Engineering Problems	(3)	
	Indus 102.1	Welding Survey 1	(3)	
	Mfg	Any manufacturing class	(1-9)	

 # Satisfies related instruction requirements.

Natural Resources

Associate Pre-Professional Degree
95 Credits

This degree program prepares students to transfer to a college or university program as juniors in several Natural Resources areas. By developing academic skills in mathematics, science, English, humanities, and natural resource courses, the student can transfer directly into a professional program such as natural resources management, forest engineering, or wildlife biology. Selected natural resource courses will transfer to these four-year programs.

This program of study is designed to transfer to most four-year professional programs in Natural Resources or closely related fields. While setting up your specific program, you should consult the catalog of the school to which you plan to transfer. The university catalog requirements will provide the guidance for substitutions and be approved by the Natural Resources instructor/advisor. Some professional schools require a foreign language.

Contacts: Dick Hopkins, ext. 4509, dhopkins@greenriver.edu; Rob Sjogren, ext. 4582, rsjogren@greenriver.edu

Dept./No.	Course Title	Credits
A minimum of credits must be earned from the following categories:		
Natural Resources core classes:		
Natrs 100	Introduction to Natural Resources	5
Natrs 172	Computer Applications Overview	3
Natrs 180	Natural Resources Measurement	5
Natrs 181	Forest Navigation & Mapping	8
Natrs 182	Air Photo Interpretation & Remote Sensing	5
Natrs 183	Tree & Shrub Identification	5
Natrs 210	Introduction to Soils	5
Mathematics—minimum of 10 credits from:		
Math 102	Pre-Calculus 1	5
Math 104	Pre-Caculus 2	5
Math 124	Calculus & Analytic Geometry 1	5
Math 125	Calculus & Analytical Geometry 2	5
Math 256	Statistics for Business & Social Science	5
English—required:		
Engl 110	College Writing	5
Engl 113	Research Writing: Science, Engineering & Business	5
Science—minimum of 10 credits from:		
Biol 201	General Biology	6
Biol 202	Animal Biology	6
Biol 203	Plant Biology	6
Chem 101	Survey of General Chemistry	5
Chem 102	Survey of Organic Chemistry & Biochemistry	5
Phys 110	Introduction to College Physics	5
Humanities—required:		
Comm 101	Basic Speech Communication	5
Social Science—minimum of 10 credits from:		
Econ 200	Macroeconomics	5
Econ 201	Microeconomics	5
Geog 120	Introduction to Physical Geography	5
Soc 110	Survey of Sociology	5
Wellness:		
P E 113	Group Dynamics Activities (taken concurrently with NATRS 181)	1
Electives—minimum of 13 credits from:		**13**
Any of the above-listed classes		
Any Natural Resources (NATRS) course		
Any General Engineering (G E) course		
Any GRCC course that is required by the university of 100-level or higher		

Natural Resources

Associate in Applied Science-Transfer Degree (AAS-T)
120 Credits

This degree program provides technical skills and knowledge required by employers. It is not designed to replace the Associate Pre-professional degree in Natural Resources, but is another educational pathway. For specific information contact the instructors:

Contacts: Dick Hopkins, ext. 4509, dhopkins@greenriver.edu; Rob Sjogren, ext. 4582, rsjogren@greenriver.edu

Dept./No.	Course Title	Credits
Related Instruction Requirements:		
# Engl 110	College Writing	5
Engl 113	Research Writing: Science, Engineering & Business	5
# Comm 101	Basic Speech Communication	5
# Math 104	Pre-Calculus 2	5
Natural Resources Requirements:		
Natrs 100	Introduction to Natural Resources	5
Natrs 161	Wildlife Habitat Management	5
Natrs 172	Computer Applications Overview	3
Natrs 180	Natural Resources Measurement	5
Natrs 181	Forest Navigation & Mapping	8
Natrs 182	Air Photo Interpretation & Remote Sensing	5
Natrs 183	Tree & Shrub Identification	5
Natrs 184	Shrub & Wildflower Identification	5
Natrs 197	Wildland Recreation	4
Natrs 210	Introduction to Soils	5
Natrs 270	Stream & Wetland Ecology	5
Natrs 284	Road & Trail Engineering	6
Natrs 285	Forest Protection	5
# Natrs 286	Natural Resources Business Principles	5
Natrs 290	Internship Seminar	1
Natrs 292	Resource Sampling & Appraisal	8
Natrs 293	Silvicultural Analysis	5
Natrs 294	Natural Resources Internship	14
P E 113	Group Dynamics Activity (taken concurrently with Natrs 181)	1

 # Satisfies related instruction requirement.

Note:
Students may enter the Natural Resources program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important!

PROFESSIONAL TECHNICAL EDUCATION

Students will find 122 different job-training programs at Green River, each designed to prepare students for immediate employment.

Professional Technical programs are offered in business and office occupations, health sciences, the trades and technical fields. In each program, students will find hands-on training using current technology. Expert instructors provide individual attention in classrooms, labs and workshops. Programs are guided by industry advisory committees to ensure that training meets the needs of local business and industry.

Programs range in length from one quarter (11 weeks) to two years or more.

In some programs, courses are designed to provide up-to-date information to people already working in industry who need to learn new technology.

ASSOCIATE IN APPLIED ARTS DEGREE (AAA) *AND* ASSOCIATE IN APPLIED SCIENCE DEGREE (AAS)

The Associate in Applied Arts and the Associate in Applied Science degrees are designed for students in professional technical programs. The only difference between those degrees is the field of study. Applied Arts degrees are generally awarded for business and business-related fields; applied science degrees are granted in health science, technical and trade subjects.

These professional technical degrees are designed for students who want to prepare for employment. In some cases, credits earned may be applied to study at a four-year college or university.

Degree requirements include:

1. Earning a minimum of 90 credits with a minimum grade point average of 2.0.
2. Completing a minimum of 24 credits, including the last quarter of residence, at Green River.
3. Earning no more than 25% of the credit requirements on a pass/no credit basis.

The curriculum for each professional technical program is determined by the faculty of Green River Community College and in some cases an advisory committee from business and industry. Consult the listing of the program of your choice for specific courses required.

PROFESSIONAL TECHNICAL CERTIFICATE

Professional technical certificates are awarded in some programs.

Professional technical certificates are designed for students who want to prepare for immediate employment. The certificate includes specific courses in your area of study as well as related instruction courses that are intended to enhance your learning. In some cases, the credits you earn for these certificates may be applied to an Associate in Applied Arts Degree, Associate in Applied Science Degree, or to study at a four-year college or university.

Professional Technical Certificate requirements include:

1. Earning a minimum of 45 credits with a minimum grade point average of 2.0.
2. Completing a minimum of 12 credits, including the last quarter of residence, at Green River.
3. Earning no more than 25% of the credit requirements on a pass/no credit basis.

The curriculum for each professional technical program is determined by the faculty of Green River Community College and in some cases an advisory committee from business and industry. Specific requirements are listed in the Programs of Study section of this catalog.

CERTIFICATES OF PROFICIENCY

Certificates of Proficiency are awarded in some professional technical as well as academic programs. The curriculum for each professional technical program is determined by the faculty of Green River Community College, and in some cases an advisory committee from business and industry. Certificates of Proficiency coursework is 44 or less credits and generally do not include related instruction courses. See Programs of Study for availability and specific requirements for Certificates of Proficiency, which usually do not include classes outside the major subject.

Certificate of Proficiency requirements include:

1. Earn a minimum grade point average of 2.0.
2. Complete a minimum of 25% of the credits required, including the last quarter of residence, at Green River.
3. Earning no more than 25% of the credit requirements on a pass/no credit basis.

RELATED INSTRUCTION REQUIREMENTS

ASSOCIATE IN APPLIED ARTS DEGREE (AAA) *AND* ASSOCIATE IN APPLIED SCIENCE DEGREE (AAS)

The Associate in Applied Arts (AAA), Associate in Applied Science (AAS) and the Associate in Applied Science-Transfer (AAS-T) degrees are designed for students in professional technical programs. The faculty of Green River Community College and an advisory committee from local business and industry determine the curriculum for each professional technical program. Each curriculum includes major field requirements and related instruction requirements. To earn either degree, a student must accumulate a minimum of 90 credits, meet the specific requirements of the program, and earn a minimum grade point average of 2.0. Twenty-four of the total 90 credits, including the last quarter of study, must be completed at Green River. No more than 25% of the credit requirements may be earned on a pass/no-credit basis.

Students seeking AAA, AAS, or AAS-T degrees must complete related instruction requirements in the program-related areas of communication, computation, and human relations. Where appropriate, safety and environmental awareness courses are also required for degree programs.

In most professional technical fields at Green River, these related instructions are already included within the program. The requirements may be part of several courses or may be included in one particular course. Most students, in meeting the specific requirements of the programs, will automatically meet the related instruction requirements. (Courses designated as related instruction requirements will be denoted with a # symbol.)

The related instruction requirements and their minimum levels of proficiency are listed below. The listed courses in communication, computation, and human relations may be credited toward no more than one related instruction requirement.

Certificates

Related instruction requirements are included in all certificates that are one year in length or longer (45 credits or more).

AAA and AAS Degrees and Certificates

1. COMMUNICATIONS

A. Writing

The student will earn a minimum of three credits* from the following:

English 102, 110, 111, 112, **or** 113.

** Although three credits is the minimum requirement, all of the above English courses are offered at five credits.*

or

Business Education 130 for the following business-related degrees and certificates:

Degrees:	Certificates:
Accounting Administrative Assistant Business Applications Specialist Business Management Computer Reporting Technologies–Captioning Computer Reporting Technologies–Court Reporting Legal Administrative Assistant Medical Office Assistant	Administrative Assistant Business Applications Specialist Retail Management

or

Advanced placement 3 (AP3):	Waiver from writing requirement; no credit granted.
Advanced placement 4 (AP4):	Waiver from writing requirement and 5 credits granted for college-level writing
Advanced placement 5 (AP5):	Waiver from writing requirement and 10 credits granted for college-level writing

B. Oral

The student will earn a minimum of three credits* from the following:

Communication 100, 101, 110, and 234.

** Although three credits is the minimum requirement, most communication courses are offered at five credits.*

2. COMPUTATION

Students pursuing degrees or certificates in programs without a specified computation or math course may satisfy this requirement by one of the following:

A. The student will earn a minimum of three credits* from a mathematics course numbered 100 or above (excluding co-op math courses).

** Although three credits is the minimum requirement, most mathematics courses are offered at five credits.*

B. Achieve a COMPASS score sufficient for eligibility for Math 104 or higher.

or

Advanced placement 3 or 4 (AP3 or AP4)	Waiver from computation requirement on the AB Examination and 5 credits granted for Math 124
Advanced placement 5 (AP5)	Waiver from computation requirement on the AB Examination and 10 credits granted for Math 124 and Math 125
Advanced placement 3 (AP3)	Waiver from computation requirement on the BC Examination and 5 credits granted for Math 124
Advanced placement 4 or 5 (AP4 or AP5)	Waiver from computation requirement on the BC Examination and 10 credits granted for Math 124 and Math 125

C. **Business Education** 110 or **Business Administration** 145 for the following business-related degrees and certificates:

Degrees	Certificates
Accounting Administrative Assistant Business Applications Specialist Business Management Computer Reporting Technologies–Captioning Computer Reporting Technologies–Court Reporting Early Childhood Education Legal Administrative Assistant Medical Office Assistant Occupational Therapist Assistant Physical Therapist Assistant	Administrative Assistant Business Applications Specialist Retail Management

D. **Acomp** 100N for Practical Nursing Certificate.

E. **Acomp** 100T for Trades degrees.

3. HUMAN RELATIONS

The student will participate in a minimum of three credits* or 33 hours of course work in which personal quality foundation skills and interpersonal workplace competencies are taught and practiced. These qualities and competencies are identified in the U.S. Department of Labor Secretary's Commission on Achieving Necessary Skills (SCANS). They include: demonstrates responsibility, self-worth, sociability in groups, self-management and integrity/honesty; participates as a team member; helps others; exhibits leadership; negotiates agreement; and develops an appreciation of socio-cultural differences while respecting the rights of others.

The student's Human Relations requirement is met if at least 80% of the SCANS attributes (as mentioned above) are embedded into a course or courses that are part of their professional technical program (see program requirements). If not embedded, the student will earn a minimum of three credits* from the following courses:

Behavioral Science 103, 190
Business 166
Communication 100, 101, 110, 234

** Although three credits is the minimum requirement, most courses that meet this requirement are offered at five credits.*

Accounting

Associate in Applied Arts Degree
90 Credits

The graduate of this two-year program will be prepared for employment in accounting and future supervisory positions in accounting and business. Students in this program must complete all required B A classes with a grade of 2.0 or higher. Students must earn a cumulative GPA of 2.0 or higher.

Contact: Paul Mueller, ext. 2635
pmueller@greenriver.edu

	Dept./No.	Course Title	Credits
	Core Requirements:		
	B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
*	B A 110	Practical Financial Accounting	5
*	B A 111	Practical Financial Accounting	5
	B A 112	QuickBooks for Accounting	5
**	B A 113	Practical Accounting	5
	B A 118	Individual Taxation	5
	B A 121	Payroll Accounting	5
	B A 205 **or** B A 200	Business Law **or** Introduction to Law & Commerce	5
	Bus E 100	Fundamentals of Microcomputers	0-5
†	Bus E 101	Beginning Typing/Keyboarding	5
	Bus E 162	Introduction to Excel	5
	Bus E 163	Advanced Excel	5
	Electives	See list below	
	Related Instruction Requirements:		
	Reading	Eligible for Read 104, Reading Mastery	0-5
#	B A 145	Business Computation	5
#	Bus E 110	Business Math Applications	5
#	Behsc 103 **or** Bus 166 **or** Comm 100 **or** Comm 110 **or** Comm 101	Interpersonal Relations **or** Human Relations & Work Readiness **or** Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
#	Bus E 130 **or** Engl 110 **or** Engl 102 **or** Engl 111 **or** Engl 112 **or** Engl 113	Business Correspondence **or** College Writing **or** Practical College Writing **or** Writing: Humanities **or** Writing: Social Sciences **or** Research Writing: Science, Engineering & Business	5
#	Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
	Electives: Students may choose from the following courses to total 90 credits:		
	Any B A Course		5
	Any Bus E Course		5
	Any Bus Course		5
	Any Math Course		5
	Coop 171	Work Experience Seminar	1
	Econ 100	Economic Principles & Applications	5
	Econ 200	Macroeconomics	5
	Econ 201	Microeconomics	5

 # Satisfies related instruction requirements.

Students can only apply Comm 100, 101 or 110 towards the human relations area if NOT already used in the Communications area of the related instruction requirements.

** B A 210, Financial Accounting 1, may be substituted for B A 110 and B A 111.*

*** B A 220, Financial Accounting 1 2, may be substituted for B A 113.*

† Bus E 101 Beginning Typing/Keyboarding may be waived by passing a 3-minute typing test at 30 wpm with 5 or less errors using the proper touch typing techniques. Elective credits may be used to meet the minimum degree credit requirements.

Accounting

Certificate of Proficiency
40 Credits

For the student who desires early employment, or wishes to add specialty credentials to an already earned degree. GRCC offers a course of instruction culminating in an Accounting certificate. (Tech Prep students may articulate into this program as a continuation of training started in high school qualified programs.) Students in this program must complete all required BA classes with a grade of 2.0 or higher. Students must earn a cumulative GPA of 2.0 or higher.

Contact: Paul Mueller, ext. 2635
pmueller@greenriver.edu

	Dept./No.	Course Title	Credits
	Core Requirements:		
	B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
*	B A 110	Practical Financial Accounting	5
*	B A 111	Practical Financial Accounting	5
	B A 112	QuickBooks for Accounting	5
	B A 121	Payroll Accounting	5
	Bus E 100	Fundamentals of Microcomputers	5
	Bus E 110	Business Math Applications	5
	Bus E 162	Introduction to Excel	5

** B A 210, Financial Accounting 1, may be substituted for B A 110 and B A 111.*

Accounting Clerk

Certificate of Proficiency
15 Credits

Students must complete all required B A classes with a grade of 2.0 or higher. Students must earn a cumulative G.P.A. of 2.0 or higher.

Contact: Paul Mueller, ext. 2635
pmueller@greenriver.edu

	Dept./No.	Course Title	Credits
	Core Requirements:		
*	B A 110	Practical Financial Accounting	5
	Bus E 100	Fundamentals of Microcomputers	5
	Bus E 110	Business Math Applications	5

** Acct& 201, Financial Accounting 1, may be substituted for B A 110.*

Administrative Assistant

Associate in Applied Arts Degree
90 Credits

The major objective of the Administrative Assistant degree program is to provide students an opportunity to develop essential business skills in their area of interest as well as to offer a comprehensive general education. Placement in courses depends on the student's prior education and experience. Earning an Administrative Assistant degree will prepare the student for employment as an office worker in an entry level position. Students in this program must complete all required Bus E classes with a grade of 2.0 or higher. This program meets related instruction requirements for the Associate in Applied Arts degree. Students may enter this program at the beginning of any quarter.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

	Dept./No.	Course Title	Credits
	Lifetime Fitness/ Wellness/Activity	Any course listed under the AA degree Lifetime Fitness/Wellness/Activity area	1+
	Bus E 100	Fundamentals of Microcomputers	5
*	Bus E 101	Beginning Typing/Keyboarding	5
*	Bus E 102	Intermediate Keyboarding	5
	Bus E 103	Advanced Keyboarding	5
#	Bus E 110	Business Math Applications	5
	Bus E 112	Beginning Word for Windows	5
#	Bus E 130	Business Correspondence	5
	Bus E 132	Business Communication Applications	5
	Bus E 140	Records Management	5
	Bus E 150	Introduction to Windows	5
	Bus E 162 **or** Bus E 163	Introduction to Excel **or** Advanced Excel	5
	Bus E 177 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	3-5
	Bus E 200	Production Keyboarding	5
#	Bus E 250	Office Administration	5
	Bus E 266	Inside Microsoft Office	5
#	Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
	Reading	Eligible for Read 104 (as determined by the appropriate COMPASS test score) or completion of Read 094	0-5
	Elective Courses: In addition to the required courses, choose from the following to total 90 credits:		
	B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
	Behsc 190	Stress Management	5
	Bus 166	Human Relations & Work Readiness	5
	Bus E 080	Keyboarding	2
	Bus E 090 **or** B A 110 **or** B A 210	Office Accounting **or** Practical Financial Accounting **or** Financial Accounting 1	5
	Bus E 107 **and/or** Bus E 108	Typing Speed & Accuracy 1 **and/or** Typing Speed & Accuracy 2	4-8
	Bus E 111	Personal Computing	3
°	Bus E 115	Professional Image Building	1
	Bus E 119 **or** Bus E 119.1-119.7	MOS Core & Expert Certification Preparation **or** Prep Tests: Microsoft Access, Excel, PowerPoint or Word	1-7
	Bus E 120	Machine Transcription	5
	Bus E 170.1 **or** Bus E 170.2 **or** Bus E 170.3	Beginning Keyboarding: Alphabetic Keys **or** Keyboarding: Mastering 10-Key & Symbols **or** Keyboarding: Speed & Accuracy-Skill Building	1
	Bus E 171.1 **or** Bus E 171.2 **or** Bus E 171.3	PowerPoint Basics **or** Customize & Integrate PowerPoint Presentations **or** Enhance & Automate PowerPoint Presentations	1
	Bus E 173.1 **or** Bus E 173.2 **or** Bus E 173.3 **or** Bus E 173.4 **or** Bus E 173.5	Word: Create, Edit & Format Documents **or** Word: Formatting Publications **or** Word: Mail Formatting **or** Word: Formatting Reports **or** Word: Creating Forms, Macros & Styles	1
	Bus E 174.1 **or** Bus E 174.2 **or** Bus E 174.3 **or** Bus E 174.4 **or** Bus E 174.5	Excel Basics **or** Excel Formulas & Functions **or** Excel as a Database **or** Excel: Charting & Macros **or** Excel: Integrating with Microsoft Applications	1
	Bus E 175	Instructor Assistant	1-5
	Bus E 176.1 **or** Bus E 176.2 **or** Bus E 176.3 **or** Bus E 176.4	Access: Create & Modify a Database **or** Access: Use Queries to Retrieve Data **or** Access: Create & Modify Forms **or** Access: Create & Modify Reports	1
†	Bus E 178-179	Business Education Work Experience	2-10
	Bus E 184	Internet & Basic Web Design	5
	Bus E 185	Introduction to Microsoft Access	5
	Bus E 214	Introduction to Information Security	5
	Bus E 216	Computer Support Internship 1	5
	Bus E 255	Advanced Word	5
	Engl 105	Grammar & Usage	5
	Psych 100	General Psychology	5
	Soc 110	Survey of Sociology	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Co-op classes.

 # Satisfies related instruction requirements.

° Qualifies as AAA and AA-DTA activity credit

Note:
Students may choose the advanced computer applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112.

Administrative Assistant

Certificate
60-65 Credits

This certificate program provides students an opportunity to develop essential business skills. Earning an Administrative Assistant certificate will prepare the student for employment as an office worker in an entry-level position. These credits can be applied to any Business Education degree program. Students in this program must complete all required Bus E classes with a grade of 2.0 or higher.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

	Dept./No.	Course Title	Credits
	Bus E 100	Fundamentals of Microcomputers	5
*	Bus E 102	Intermediate Keyboarding	5
	Bus E 103	Advanced Keyboarding	5
#	Bus E 110	Business Math Applications	5
	Bus E 112	Beginning Word for Windows	5
#	Bus E 130	Business Correspondence	5
	Bus E 140	Records Management	5
	Bus E 150	Introduction to Windows	5
	Bus E 162 **or** Bus E 163	Introduction to Excel **or** Advanced Excel	5
#	Bus E 250	Office Administration	5
	Bus E 266	Inside Microsoft Office	5
#	Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
	Reading	Eligible for Read 104 (as determined by the appropriate COMPASS test score) or completion of Read 094	0-5
	To enhance the student's preparation for future employment, we recommend the following:		
	B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
	Bus 166	Human Relations & Work Readiness	5
	Bus E 080	Keyboarding	2
	Bus E 090 **or** B A 110 **or** B A 210	Office Accounting **or** Practical Financial Accounting **or** Financial Accounting 1	5
*	Bus E 101	Beginning Typing/Keyboarding	5
	Bus E 107 **and/or** Bus E 108	Typing Speed & Accuracy 1 **and/or** Typing Speed & Accuracy 2	4-8
	Bus E 111	Personal Computing	3
°	Bus E 115	Professional Image Building	1
	Bus E 120	Machine Transcription	5
	Bus E 132	Business Communication Applications	5
	Bus E 163	Advanced Excel	5
	Bus E 170.1 **or** Bus E 170.2 **or** Bus E 170.3	Beginning Keyboarding: Alphabetic Keys **or** Keyboarding: Mastering 10-Key & Symbols **or** Keyboarding: Speed & Accuracy Skill Building	1
	Bus E 171.1 **or** Bus E 171.2 **or** Bus E 171.3	PowerPoint Basics **or** Customize & Integrate PowerPoint Presentations **or** Enhance & Automate PowerPoint Presentations	1
	Bus E 173.1 **or** Bus E 173.2 **or** Bus E 173.3 **or** Bus E 173.4 **or** Bus E 173.5	Word: Create, Edit & Format Documents **or** Word: Formatting Publications **or** Word: Mail Merges **or** Word: Formatting Reports **or** Word: Creating Forms, Macros & Styles	1
	Bus E 174.1 **or** Bus E 174.2 **or** Bus E 174.3 **or** Bus E 174.4 **or** Bus E 174.5	Excel Basics **or** Excel Formulas & Functions **or** Excel as a Database **or** Excel: Charting & Macros **or** Excel: Integrating with Microsoft Applications	1
	Bus E 176.1 **or** Bus E 176.2 **or** Bus E 176.3 **or** Bus E 176.4	Access: Create & Modify a Database **or** Access: Use Queries to Retrieve Data **or** Access: Create & Modify Forms **or** Access: Create & Modify Reports	1
†	Bus E 177-179 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	2-10 1
	Bus E 184	Internet & Basic Web Design	5
	Bus E 185	Introduction to Microsoft Access	5
	Bus E 214	Introduction to Information Security	5
	Bus E 255	Advanced Word	5
	Engl 105	Grammar & Usage	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Co-op classes.

 # Satisfies related instruction requirements.

° Qualifies as AAA and AA-DTA activity credit

Note:
Students may choose the advanced computer applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112.

Data Entry

Certificate of Proficiency
14-15 Credits

These classes may be applied toward the two-year Associate in Applied Arts Degree.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

Dept./No. Credits	Course Title	
Bus E 100	Fundamentals of Microcomputers	5
Bus E 101 **or** Bus E 107	Beginning Typing/Keyboarding **or** Typing Speed & Accuracy	4-5
Bus E 110	Business Math Applications	5

File Clerk

Certificate of Proficiency
14-15 Credits

These classes may be applied toward the two-year Associate in Applied Arts Degree.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

Dept./No. Credits	Course Title	
Bus E 100	Fundamentals of Microcomputers	5
Bus E 101 **or** Bus E 107	Beginning Typing/Keyboarding **or** Typing Speed & Accuracy	4-5
Bus E 140	Records Management	5

Office Support 1

Certificate of Proficiency
14-15 Credits

These classes may be applied toward the two-year Associate in Applied Arts Degree.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 102 **or** Bus E 107	Intermediate Keyboarding **or** Typing Speed & Accuracy	4-5
Bus E 112	Beginning Word for Windows	5
Bus E 130	Business Correspondence	5

Office Support 2

Certificate of Proficiency
14-15 Credits

These classes may be applied toward the Associate in Applied Arts Degree. Students must complete all required Bus E classes with a grade of 2.0 or higher.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 103 **or** Bus E 107	Advanced Keyboarding **or** Typing Speed & Accuracy 1	4-5
Bus E 250	Office Administration	5
Bus E 266	Inside Microsoft Office	5

Auto Body Technology

Associate in Applied Science Degree
109-116 Credits

This degree program educates students in the complete repair and refinishing of collision damaged vehicles. Graduates of this NATEF certified program will have acquired the skills necessary to enter into other aspects of the trade such as management, sales, and appraising.

The auto collision repair industry is becoming more technical and our graduates will have been trained with that in mind due to the help of competencies set forth by the National Automotive Technicians Education Foundation (NATEF) the National Institute for Automotive Service Excellence (ASE), and the Inter-Industry Conference on Collision Repair (I-Car).

This is an open entry program, and providing space is available, students may enter at the beginning of any quarter with instructor's permission.

Suggested first quarter classes for new students: Abody 100, 12 credits of Abody 104, and Indus 102.1. See advisor for scheduling of subsequent quarters.

Contacts: Mark Millbauer, ext 4285
mmillbauer@greenriver.edu
Paul Mueller, ext. 2635
pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Abody 100	Conduct/Safety/Equipment	1
Abody 104	Non-Structural Repair	14
Abody 105	Structural Damage Repair	14
Abody 106	Mechanical & Electrical Repair	15
Abody 107	Plastics & Adhesives	3
Abody 108	Painting & Refinishing	20
Abody 109	Special Shop Practice	11
Abody 110	Estimating for Collision Repair	3
Abody 177-179	Auto Body Work Experience	4
Abody 180-184	Industry Leadership 1-5	5
Indus 102.1	Welding Survey 1	3
Indus 102.2	Welding Survey 2	3
First Aid/CPR	Possess First Aid/CPR card upon graduation	
Related Instruction Requirements:		
# Comm 100	Fundamentals of Oral Communication	5
# Engl 102	Practical College Writing	5
# Human Relations	Any course that satisfies the related instruction requirements	3-5
# Acomp 100T **or** Math 062	Computation for the Trades **or** Review of Arithmetic or Eligible for Math 070	0-5

 # Satisfies related instruction requirements. For scheduling or transferability reasons, other courses from the current list of related instruction requirements may be substituted.

Note: *Students whose primary language is not English, must pass ESOL Level 3 before enrolling in the Auto Body Technology program.*

Auto Body Technology–
Collision Repair

Certificate of Proficiency
44 Credits

This certificate program is designed to prepare students for entry-level employment in the auto body and the collision repair industries. Students will be instructed in the basics of auto body repair including structural and non-structural repair and welding through completion of NATEF (National Automotive Technician Education Foundation) certified courses.

This is an open-entry program, and providing space is available, students may enter at any time with instructor's permission.

Contacts: Mark Millbauer, ext 4285
mmillbauer@greenriver.edu
Paul Mueller, ext. 2635
pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Abody 100	Conduct/Safety/Equipment	1
Abody 104	Non-Structural Repair	14
Abody 105	Structural Damage Repair	14
Abody 107	Plastics & Adhesives	3
Abody 109	Special Shop Practice	6
Indus 102.1	Welding Survey 1	3
Indus 102.2	Welding Survey 2	3

Auto Body Technology–Paint & Refinishing

Certificate of Proficiency
44 Credits

This certificate program is intended to prepare students for entry-level employment in the auto body paint shop. Students will be instructed in the basics of shop and hazardous material safety, painting, and basic auto body repair through completion of NATEF (National Automotive Technician Education Foundation) certified courses.

This is an open entry program, and providing space is available, students may enter at any time with instructor's permission.

Contacts: Mark Millbauer, ext 4285, mmillbauer@greenriver.edu; Paul Mueller, ext. 2635, pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Abody 100	Conduct/Safety/Equipment	1
Abody 104	Non-Structural Repair	14
Abody 107	Plastics & Adhesives	3
Abody 108	Painting & Refinishing	20
Abody 109	Special Shop Practice	6

Automotive Technology

Associate in Applied Science Degree
97-106 Credits

This degree program prepares the student for employment in the automotive industry.

Graduates of the program will have achieved competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE) and obtained related education in the fields of leadership, human relations and communication.

Credit for hours of training is usually granted to those entering into an approved apprenticeship program and is granted for the certification experience requirement.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202, dsorensen@greenriver.edu; Karl Hoffman, ext. 4253, khoffman@greenriver.edu; Paul Mueller, ext. 2635, pmueller@greenriver

Dept./No.	Course Title	Credits
First Quarter		
Reading requirement	Eligible for Read 104	
Atech 110	Shop Procedures	2
Atech 116	Suspension & Steering	6
Atech 117	Brakes	7
Atech 150	Automotive Leadership Skills 1	1
# Comm 100	Fundamentals of Oral Communication	5
Second Quarter		
# Acomp 100T **or** Math 062 **or**	Computations for the Trades **or** Review of Arithmetic **or** Eligible for Math 070, Pre-Algebra	0-5
Atech 111	Electrical & Electronics Systems	14
Atech 151	Automotive Leadership Skills 2	1
Third Quarter		
Atech 112	Engine Performance	9
Atech 113	Engine Repair	3
Atech 152	Automotive Leadership Skills 3	1
Indus 102.1	Welding Survey 1	3
Fourth Quarter		
Atech 115	Manual Drive Trains & Axles	6
Atech 112	Engine Performance	5
Atech 153	Automotive Leadership Skills 4	1
# Engl 102	Practical College Writing	5
Fifth Quarter		
Atech 114 and/or Atech 108.1	Automotive Transmission & Trans-Axle and/or State Emission Control Specialist Phase 1	4-8
Atech 118	Heating & Air Conditioning	6
Atech 154	Automotive Leadership Skills 5	1
# Behsc 103	Interpersonal Relations	5
Sixth Quarter		
Atech 119 **or** Auto 177	Special Shop Practice **or** Auto Work Experience	12

 # Satisfies related instruction requirements. For scheduling or transferability reasons, other courses from the current list of related instruction requirements may be substituted.

Automotive Technology–Brakes, Steering & Suspension

Certificate of Proficiency
16 Credits

Recipients of the certificate will have achieved competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE).

The major objective of the Brakes, Steering and Suspension certificate program is to provide students opportunity to develop essential skills necessary for an entry-level position in the field of Automotive Brakes, Steering and Suspension repair.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202, dsorensen@greenriver.edu; Karl Hoffman, ext. 4253, khoffman@greenriver.edu; Paul Mueller, ext. 2635, pmueller@greenriver

Dept./No.	Course Title	Credits
First Quarter		
Reading requirement	Eligible for Read 104	
Atech 110	Shop Procedures	2
Atech 116	Suspension & Steering	6
Atech 117	Brakes	7

Atech 150 **or**	Automotive Leadership Skills 1 **or**	
Atech 151 **or**	Automotive Leadership Skills 2 **or**	
Atech 152 **or**	Automotive Leadership Skills 3 **or**	
Atech 153 **or**	Automotive Leadership Skills 4 **or**	
Atech 154	Automotive Leadership Skills 5	1

Automotive Technology–Electrical Systems

Certificate of Proficiency
15 Credits

Recipients of the certificate will have achieved competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE).

The major objective of the Automotive Heating/Air Conditioning certificate program is to provide students opportunity to develop essential skills necessary for an entry-level position in the field of Automotive Heating/Air Conditioning repair.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202
dsorensen@greenriver.edu

Karl Hoffman, ext. 4253
khoffman@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver

Dept./No.	Course Title	Credits
Reading requirement	Eligible for Read 104	
Atech 111	Electrical & Electronics Systems	14
Atech 150 **or**	Automotive Leadership Skills 1 **or**	
Atech 151 **or**	Automotive Leadership Skills 2 **or**	
Atech 152 **or**	Automotive Leadership Skills 3 **or**	
Atech 153 **or**	Automotive Leadership Skills 4 **or**	
Atech 154	Automotive Leadership Skills 5	1

Automotive Technology–Engine Performance

Certificate of Proficiency
15 Credits

Recipients of the certificate will have achieved competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE).

The major objective of the Engine Performance certificate program is to provide students opportunity to develop essential skills necessary for an entry-level position in the field of Automotive Engine Performance and Drivability repair.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202
dsorensen@greenriver.edu

Karl Hoffman, ext. 4253
khoffman@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver

Dept./No.	Course Title	Credits
Reading requirement	Eligible for Read 104	
Atech 112	Engine Performance	14
Atech 150 **or**	Automotive Leadership Skills 1 **or**	
Atech 151 **or**	Automotive Leadership Skills 2 **or**	
Atech 152 **or**	Automotive Leadership Skills 3 **or**	
Atech 153 **or**	Automotive Leadership Skills 4 **or**	
Atech 154	Automotive Leadership Skills 5	1

Automotive Technology–Heating & Air Conditioning

Certificate of Proficiency
7 Credits

Recipients of this certificate will have achieved competencies set forth by the National Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE).

The major objective of the Automotive Heating/Air Conditioning certificate program is to provide students opportunity to develop essential skills necessary for an entry-level position in the field of Automotive Heating/Air Conditioning repair.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202
dsorensen@greenriver.edu

Karl Hoffman, ext. 4253
khoffman@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver

Dept./No.	Course Title	Credits
Reading requirement	Eligible for Read 104	
Atech 118	Heating & Air Conditioning	6
Atech 150 **or**	Automotive Leadership Skills 1 **or**	
Atech 151 **or**	Automotive Leadership Skills 2 **or**	
Atech 152 **or**	Automotive Leadership Skills 3 **or**	
Atech 153 **or**	Automotive Leadership Skills 4 **or**	
Atech 154	Automotive Leadership Skills 5	1

Automotive Technology– Transmission & Transaxle

Certificate of Proficiency
15 Credits

Automotive Technicians Education Foundation (NATEF) and the National Institute for Automotive Service Excellence (ASE).

The major objective of the Transmission and Transaxle certificate program is to provide students opportunity to develop essential skills necessary for an entry-level position in the field of Automotive Transmission and Transaxle repair.

Entry into the program will be on a space-available basis with instructor's permission.

New students must show proof of a valid driver's license.

Contacts: Dan Sorensen, ext 4202, dsorensen@greenriver.edu; Karl Hoffman, ext. 4253, khoffman@greenriver.edu; Paul Mueller, ext. 2635, pmueller@greenriver

Dept./No.	Course Title	Credits
Reading requirement	Eligible for Read 104	
Atech 114	Automatic Transmission & Trans-Axle	8
Atech 115	Manual Drive Trains & Trans-Axles	6
Atech 150 **or** Atech 151 **or** Atech 152 **or** Atech 153 **or** Atech 154	Automotive Leadership Skills 1 **or** Automotive Leadership Skills 2 **or** Automotive Leadership Skills 3 **or** Automotive Leadership Skills 4 **or** Automotive Leadership Skills 5	1

Aviation Technology– Air Transportation

Associate in Applied Science Degree
93 Credits

Aviation, business and human relations courses form the core of this program, which is designed to help prepare a student for entry into the airline industry. It is intended for students interested in ramp service, customer service, reservations, flight attendant service, aircraft servicing, airport maintenance and airport management careers.

Students may enter this program at the beginning of any quarter.

Contact: George Comollo, ext 4336, gcomollo@greenriver.edu; Curt Scott, ext. 4335, cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 110	Airline Operation	5
Avia 111 **or** Avia 123	Private Pilot Ground School **or** Aviation Weather	5
Avia 213	Aviation History & Careers	5
Avia 214	Airport Management & Operations	5
B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
B A 110 **or** B A 210	Practical Financial Accounting **or** Financial Accounting 1	5
Bus 121	Marketing Fundamentals	5
# Behsc 103 **or** Behsc 190 **or** Bus 166 **or** Comm 110	Interpersonal Relations **or** Stress Management **or** Human Relations & Work Readiness **or** Interpersonal Communication	5
Bus E 100	Fundamentals of Microcomputers	5
# Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
Econ 100 **or** Econ 200	Economic Principles & Applications **or** Macroeconomics	5
# Engl 110	College Writing	5
# Math	Any Math course 100 or higher	5
Psych 100	General Psychology	5
Lifetime Fitness/ Wellness/Activity	Any combination of courses	3
Electives: (20 credits) Must include at least two of the following:		
Avia 177-179 **and** Coop 171	Aviation Work Experience 1-3 **and** Work Experience Seminar	1-13 1
Avia 211 **and** Avia 212	Aerodynamics for Pilots **and** Human Factors for Aviators	3 2
B A 205	Business Law	5
Bus 159	Professional Selling	5
Bus 181	Introduction to International Business	5
Natrs 117	Aerial Photography Uses & Ground-Based Mapping	2

 # Satisfies related instruction requirements.

Aviation Technology– Air Traffic Control

Associate in Applied Science Degree
95 Credits

Contact: George Comollo, ext 4336, gcomollo@greenriver.edu; Curt Scott, ext. 4335, cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 101	Aviation Fundamentals	3
Avia 110	Airline Operation	5
Avia 111	Private Pilot Ground School	5
Avia 112	Flight Deck Procedures & Aircraft Systems	2
Avia 123	Aviation Weather	5
Avia 201	Air Traffic Control 1	5
Avia 202	Air Traffic Control 2	5
Avia 203	Air Traffic Control 3 – Enroute ATC	5
Avia 208	Airline Dispatch	5
Avia 209	International Flight Planning & ETOPS	5
Avia 211	Aerodynamics for Pilots	3
Avia 212	Human Factors for Aviators	2
Avia 213	Aviation History & Careers	5
Avia 214	Airport Management & Operations	5
Avia 216	Instrument Pilot Ground School	5
# Behsc 103 **or** Behsc 190 **or** Bus 166 **or** Comm 110	Interpersonal Relations **or** Stress Management **or** Human Relations & Work Readiness **or** Interpersonal Communication	5
Bus E 100	Fundamentals of Microcomputers	5
# Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
# Engl 110	College Writing	5
# Math 115T Math	Natural Resources Algebra/Trigonometry 1 **or** any math course 100 or higher	5
Science	Any physics, chemistry, geology, biology, astronomy course with a lab	5

Suggested Electives		
Avia 177-179 **and** Coop 171	Aviation Work Experience 1-3 **and** Work Experience Seminar	1-13 1
Natrs 117	Aerial Photography Uses & Interpretation	2

 # Satisfies related instruction requirements.

Aviation Technology–Airline Dispatch

Associate in Applied Science Degree 90 Credits

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu — Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 101	Aviation Fundamentals	3
Avia 110	Airline Operation	5
Avia 111	Private Pilot Ground School	5
Avia 112	Flight Deck Procedures & Aircraft Systems	2
Avia 123	Aviation Weather	5
Avia 201	Air Traffic Control 1	5
Avia 202	Air Traffic Control 2	5
Avia 208	Airline Dispatch	5
Avia 209	International Flight Planning & ETOPS	5
Avia 211	Aerodynamics for Pilots	3
Avia 212	Human Factors for Aviators	2
Avia 213	Aviation History & Careers	5
Avia 214	Airport Management & Operations	5
Avia 216	Instrument Pilot Ground School	5
# Behsc 103 **or** Behsc 190 **or** Bus 166 **or** Comm 110	Interpersonal Relations **or** Stress Management **or** Human Relations & Work Readiness **or** Interpersonal Communication	5
Bus E 100	Fundamentals of Microcomputers	5
# Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
# Engl 110	College Writing	5
# Math 115T **or** Math	Natural Resources Algebra/Trigonometry 1 **or** any math course 100 or higher	5
Science	Any physics, chemistry, geology, biology, astronomy course with a lab	5
Suggested Electives		
Avia 177-179 and Coop 171	Aviation Work Experience 1-3 and Work Experience Seminar	1-13 1
Natrs 117	Aerial Photography Uses & Interpretation	2

 # Satisfies related instruction requirements.

Aviation Technology–Air Traffic Control–Fast Track Program

Certificate of Proficiency 43 Credits

This certificate program will prepare an individual without a background in aviation for the FAA admission test into the Air Traffic Control Academy.

An applicant for an Air Traffic Control position must complete the FAA approved AT-CTI (Air Traffic Collegiate Training Initiative) program which includes the completion of the program, receive an institutional recommendation, be a United States citizen, achieve a passing score of 70 or above on the AT-SAT test battery, not have reached their 31st birthday when entering on duty in an FAA terminal or enroute facility, meet FAA medical requirements, successfully complete an interview process to determine whether the candidate possesses the necessary personal characteristics, and the ability to speak English clearly. The Airline Dispatcher course requires the completion of the required FAA classes with a passing grade of 80 or above for each class.

Upon successful completion of the course, the airline dispatch applicant will qualify for the FAA practical test.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu — Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No. Credits	Course Title	
Avia 101	Aviation Fundamentals	3
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 110	Airline Operation	5
Avia 216	Instrument Pilot Ground School	5
Avia 201	Air Traffic Control I	5
Avia 202	Air Traffic Control 2	5
Avia 203	Air Traffic Control 3-Enroute ATC	5
Math 115T	Natural Resources Algebra/Trigonometry 1 **or** Any Math 100 level	5

Aviation Technology–Aircraft Dispatcher

Certificate of Proficiency 41-43 Credits

The program will prepare students with no background in aviation for the FAA Aircraft Dispatcher practical examination. This examination must be taken within 90 days of graduation.

Entrance Requirements:

1. Math scores of 86-100 on the numerical skill portion of the COMPASS or qualifies for Math 072.
2. College level reading competency as measured by COMPASS reading assessment or eligible for READ 104.
3. Recommended keyboarding/typing skill of 30 wpm. Keyboarding/typing skills may be demonstrated by passing a 3-minute typing test at 30 wpm with 5 or less errors using the proper touch typing technique administered by the Business Education department.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu — Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No. Credits	Course Title	
First Quarter		
Avia 110	Airline Operation	5
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Second Quarter		
Avia 201	Air Traffic Control 1	5
Avia 216	Instrument Pilot Ground School	5
Bus E 111 **or** Bus E 100	Personal Computing **or** Fundamentals of Microcomputers	3-5
Third Quarter		
Avia 208	Airline Dispatch	5
Avia 209	International Flight Planning & ETOPS	5
Elective	Any course 100 or above	3

Aviation Technology– Airline Dispatcher Completion

Certificate of Proficiency 20-25 Credits

The program will prepare an individual with no background in aviation for the FAA Aircraft Dispatcher practical Examination. This examination must be taken within 90 days of graduation.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu; Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
Avia 111	Private Pilot Ground School (if necessary)	0-5
Avia 123	Aviation Weather	5
Avia 216	Instrument Pilot Ground School	5
Second Quarter		
Avia 201	Air Traffic Control 1	5
Avia 208	Airline Dispatch	5

Aviation Technology– Advanced Air Traffic Control

Certificate of Proficiency 25 Credits

The program will prepare an individual with no background in aviation for the FAA admission test into the Air Traffic Control System.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu; Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 216	Instrument Pilot Ground School	5
Second Quarter		
Avia 201	Air Traffic Control 1	5
Avia 202	Air Traffic Control 2	5

Aviation Technology– International Flight Planning

Certificate of Proficiency 25-30 Credits

The program will prepare an individual with only an Aircraft Dispatcher's License to be knowledgeable in international operations and ETOPS procedures.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu; Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
Avia 111	Private Pilot Ground School (if necessary)	0-5
Avia 123	Aviation Weather	5
Avia 216	Instrument Pilot Ground School	5
Second Quarter		
Avia 201	Air Traffic Control 1	5
Avia 208	Airline Dispatch	5
Avia 209	International Flight Planning & ETOPS	5

Aviation Technology– Helicopter Pilot

Associate in Applied Science Degree 91 Credits

This degree is similar to Professional Pilot except that an instrument rating is not required. The Commercial Helicopter Pilot FAA certificate (license) is required. This degree requires 150 hours of flight time. Flight training is conducted at one of three locations in the area: Boeing Field, Tacoma Narrows, or Crest Airpark.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu; Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 101	Aviation Fundamentals	3
Avia 110	Airline Operation	5
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 201	Air Traffic Control 1	5
Avia 206	Helicopter Ground School	3
Avia 208	Airline Dispatch	5
Avia 211	Aerodynamics for Pilots	3
Avia 212	Human Factors for Aviators	2
Avia 213	Aviation History & Careers	5
Avia 216	Instrument Pilot Ground School	5
Avia 218	Commercial Pilot Ground School	5
# Behsc 103 **or** Behsc 190 **or** Bus 166 **or** Comm 110	Interpersonal Relations **or** Stress Management **or** Human Relations & Work Readiness **or** Interpersonal Communication	5
Bus E 100	Fundamentals of Microcomputers	5
# Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
# Engl 110	College Writing	5
# Math	Any Math course 100 or higher	5
Science	Any physics, chemistry, geology, biology, astronomy course with a lab	5
Suggested Electives: Select ten (10) credits from the following to total 91 credits:		
Avia 177-179 **and** Coop 171	Aviation Work Experience 1-3 **and** Work Experience Seminar	1-13 1
GIS 260	Cartography-Based GIS	5
Natrs 117	Aerial Photography Uses & Ground-Based Mapping	2

 # Satisfies related instruction requirements.

Aviation Technology– Helicopter Certificate

Certificate of Proficiency 33 Credits

This one year Helicopter certificate option will supplement the GRCC Helicopter Pilot two-year degree program.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 206	Helicopter Ground School	3
Avia 211	Aerodynamics for Pilots	3
Avia 212	Human Factors for Aviators	2
Avia 213	Aviation History & Careers	5
Avia 216	Instrument Pilot Ground	5
Avia 218	Commercial Pilot Ground	5

Aviation Technology– Professional Pilot

Associate in Applied Science Degree 95 Credits

This degree in Professional Pilot, Instrument Pilot and Commercial Pilot requires completion of the relevant FAA Certificates (licenses). All ground instruction and supporting courses are available on campus. Because Green River does not own or operate any aircraft, all flight training except for use of flight simulator, is completed at local airports where the flight schools are located. Each pilot Certificate requires the passing of a flight physical, a written test, accumulation of a prescribed amount of flight time, and a flight test. The written test may be taken anytime, and actual flight time is not required. The pilot ground school and other supporting courses at Green River prepare students for the written test.

Charges for flight training include a per-hour rate for the aircraft (about $98 per hour), and per hour rate for the flight instructor when the instructor is on-board, for a combined total of about $130 per hour. As the student progresses to higher ratings, such as instrument pilot, more expensive aircraft are required for at least part of the flight time. The flight instructor will also charge a fee for pre- and post-flight instruction. Flight costs are in addition to tuition and can be paid to Green River or to the flight school.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 101	Aviation Fundamentals	3
Avia 110	Airline Operation	5
Avia 111	Private Pilot Ground School	5
Avia 112	Flight Deck Procedures & Aircraft Systems	2
Avia 123	Aviation Weather	5
Avia 201	Air Traffic Control 1	5
Avia 208	Airline Dispatch	5
Avia 211	Aerodynamics for Pilots	3
Avia 212	Human Factors for Aviators	2
Avia 213	Aviation History & Careers	5
Avia 214	Airport Management & Operations	5
Avia 216	Instrument Pilot Ground School	5
Avia 218	Commercial Pilot Ground School	5
# Behsc 103 **or** Behsc 190 **or** Bus 166 **or** Comm 110	Interpersonal Relations **or** Stress Management **or** Human Relations & Work Readiness **or** Interpersonal Communication	5
Bus E 100	Fundamentals of Microcomputers	5
# Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
# Engl 110	College Writing	5
# Math	Any Math course 100 or higher	5
Science	Any physics, chemistry, geology, biology, astronomy course with a lab	5

Suggested Electives: Select ten (10) credits from the following to total 95 credits:

Avia 177-179 and Coop 171	Aviation Work Experience 1-3 and Work Experience Seminar	1-13 1
GIS 260	Cartography-Based GIS	5
Natrs 117	Aerial Photography Uses & Ground-Based Mapping	2

 # Satisfies related instruction requirements.

Aviation Technology– Basic Airport Management

Certificate of Proficiency 15 Credits

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
Avia 110	Airline Operations	5
Avia 213	Aviation History & Careers	5
Avia 214	Airport Management & Operations	5

Aviation Technology– Basic Aviation Knowledge

Certificate of Proficiency 10 Credits

The program will prepare an individual with no background in aviation for the FAA Private Pilot written exam.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter:		
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5

Aviation Technology– Intermediate Aviation Knowledge

Certificate of Proficiency 15 Credits

The program will prepare an individual with only the Private Pilot background in aviation for the FAA Instrument Pilot written exam.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 216	Instrument Pilot Ground School	5

Aviation Technology– Advanced Aviation Knowledge

Certificate of Proficiency 20 Credits

The program will prepare an individual with a Private Pilot and Instrument Rating Background for the FAA Commercial Pilot written exam.

Contact: George Comollo, ext 4336 gcomollo@greenriver.edu
Curt Scott, ext. 4335 cscott@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
Avia 111	Private Pilot Ground School	5
Avia 123	Aviation Weather	5
Avia 216	Instrument Pilot Ground School	5
Second Quarter		
Avia 218	Commercial Pilot Ground School	5

Business Applications Specialist

Associate in Applied Arts Degree 91-96 Credits

This degree program provides students an opportunity to develop essential business skills in their area of interest as well as a comprehensive general education. Placement in courses depends on the student's prior education and experience. Students in this program must complete all required Bus E classes with a grade of 2.0 or higher. Students may enter this program at the beginning of any quarter. This program meets the college's related instruction requirements for the Associate in Applied Arts degree.

Contact: Lea Ann Simpson, ext. 4393 lsimpson@greenriver.edu

Dept./No.	Course Title	Credits
Lifetime Fitness/ Wellness/Activity	Any courses under the AA degree Lifetime Fitness/Wellness/Activity area	1+
Bus E 100	Fundamentals of Microcomputers	5
* Bus E 101	Beginning Typing/Keyboarding	5
* Bus E 102	Intermediate Keyboarding	5
# Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
# Bus E 130	Business Correspondence	5
Bus E 132	Business Communication Applications	5
Bus E 140	Records Management	5
Bus E 150	Introduction to Windows	5
Bus E 162	Introduction to Excel	5
Bus E 184	Internet & Basic Web Design	5
Bus E 185	Introduction to Microsoft Access	5
Bus E 214	Introduction to Information Security	5
Bus E 216	Computer Support Internship 1	5
Bus E 218	Basic Office PC Support	5
# Bus E 250	Office Administration	5
Bus E 266	Inside Microsoft Office	5
# Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
Reading	Eligible for Read 104 (as determined by the appropriate COMPASS test score) or completion of Read 094	0-5
To enhance the student's preparation for future employment, we recommend the following:		
B A 101 **or** Bus 164	Business, Government & Society **or** Business Principles	5
Behsc 190	Stress Management	5
Bus 166	Human Relations & Work Readiness	5
Bus E 090 **or** B A 110 **or** B A 210	Office Accounting **or** Practical Financial Accounting **or** Financial Accounting 1	5
Bus E 103	Advanced Keyboarding	5
Bus E 107 **and/or** Bus E 108	Typing Speed & Accuracy 1 **and/or** Typing Speed & Accuracy 2	4-8
Bus E 111	Personal Computing	3
° Bus E 115	Professional Image Building	1
Bus E 119 **or** Bus E 119.1-119.7	MOS Core & Expert Certificate Preparation **or** Prep Tests: Microsoft Access, Excel, PowerPoint or Word	1-7
Bus E 132	Business Communication Applications	5
Bus E 163	Advanced Excel	5
Bus E 170.1 **or** Bus E 170.2 **or** Bus E 170.3	Beginning Keyboarding: Alphabetic Keys **or** Keyboarding: Mastering 10-Key & Symbols **or** Keyboarding: Speed & Accuracy-Skill Building	1
Bus E 171.1 **or** Bus E 171.2 **or** Bus E 171.3	PowerPoint Basics **or** Customize & Integrate PowerPoint Presentations **or** Enhance & Automate PowerPoint Presentations	1
Bus E 173.1 **or** Bus E 173.2 **or** Bus E 173.3 **or** Bus E 173.4 **or** Bus E 173.5	Word: Create, Edit & Format Documents **or** Word: Formatting Publications **or** Word: Mail Merges **or** Word: Formatting Reports **or** Word: Creating Forms, Macros & Styles	1
Bus E 174.1 **or** Bus E 174.2 **or** Bus E 174.3 **or** Bus E 174.4 **or** Bus E 174.5	Excel Basics **or** Excel Formulas & Functions **or** Excel as a Database **or** Excel: Charting & Macros **or** Excel: Integrating with Microsoft Applications	1
Bus E 175	Instructor Assistant	1-5
Bus E 176.1 **or** Bus E 176.2 **or** Bus E 176.3 **or** Bus E 176.4	Access: Create & Modify a Database **or** Access: Use Queries to Retrieve Data **or** Access: Create & Modify Forms **or** Access: Create & Modify Reports	1
† Bus E 177-179 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	2-10 1

Bus E 217	Computer Support Internship 2	5
Bus E 219	Basic Networking Concepts	5
Bus E 255	Advanced Word	5
Psych 100	General Psychology	5
Soc 110	Survey of Sociology	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Cooperative Education classes.

 # Satisfies related instruction requirement.

° Qualifies as AAA and AA-DTA activity credit.

Note:
Students may choose the advanced business applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112.

Business Applications Specialist

Certificate
75-80 Credits

This certificate program is to provide students an opportunity to develop essential business skills. Earning a Business Applications Specialist Certificate will provide the student educational background and skills to help secure employment as an office worker in an entry-level position. These credits can be applied to any Business Education degree program. Students in this program must complete all required Bus E classes with a grade of 2.0 or better.

Contact: Lea Ann Simpson, ext. 4393
lsimpson@greenriver.edu

	Dept./No.	Course Title	Credits
	Bus E 100	Fundamentals of Microcomputers	5
*	Bus E 102	Intermediate Keyboarding	5
#	Bus E 110	Business Math Applications	5
	Bus E 112	Beginning Word for Windows	5
#*	Bus E 130	Business Correspondence	5
	Bus E 140	Records Management	5
	Bus E 150	Introduction to Windows	5
	Bus E 162	Introduction to Excel	5
	Bus E 184	Internet & Basic Web Design	5
	Bus E 185	Introduction to Microsoft Access	5
	Bus E 216	Computer Support Internship 1	5
	Bus E 218	Basic Office PC Support	5
#	Bus E 250	Office Administration	5
	Bus E 266	Inside Microsoft Office	5
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 110 **or**	Interpersonal Communication **or**	
	Comm 101 **or**	Basic Speech Communication **or**	
	Comm 234	Small Group Leadership & Discussion	5
	Reading	Eligible for Read 104 (as determined by the appropriate COMPASS test score) or completion of Read 094	0-5

To enhance the student's preparation for future employment, the following electives are recommended:

Art 109	Beginning Design	5
B A 101 **or**	Business, Government & Society **or**	
Bus 164	Entrepreneurship & Small Business Management	5
Bus 166	Human Relations & Work Readiness	5
Bus E 090 **or**	Office Accounting **or**	
B A 110 **or**	Practical Financial Accounting **or**	
B A 210	Financial Accounting 1	5
Bus E 101	Beginning Typing/Keyboarding	5
Bus E 103	Advanced Keyboarding	5
Bus E 107 **and/or**	Typing Speed & Accuracy 1 **and/or**	
Bus E 108	Typing Speed & Accuracy 2	4-8
Bus E 111	Personal Computing	3
° Bus E 115	Professional Image Building	1
Bus E 119 **or**	MOS Core & Expert Certification Preparation **or**	
Bus E 119.1-119.7	Prep Tests: Microsoft Access, Excel, PowerPoint or Word	1-7
Bus E 132	Business Communication Applications	5
Bus E 163	Advanced Excel	5
Bus E 170.1 **or**	Beginning Keyboarding: Alphabetic Keys **or**	
Bus E 170.2 **or**	Keyboarding: Mastering 10-Key & Symbols **or**	
Bus E 170.3	Keyboarding: Speed & Accuracy-Skill Building	1
Bus E 171.1 **or**	PowerPoint Basics **or**	
Bus E 171.2 **or**	Customize & Integrate PowerPoint Presentations **or**	
Bus E 171.3	Enhance & Automate PowerPoint Presentations	1
Bus E 173.1 **or**	Word: Create, Edit & Format Documents **or**	
Bus E 173.2 **or**	Word: Formatting Publications **or**	
Bus E 173.3 **or**	Word: Mail Merges **or**	
Bus E 173.4 **or**	Word: Formatting Reports **or**	
Bus E 173.5	Word: Creating Forms, Macros & Styles	1
Bus E 174.1 **or**	Excel Basics **or**	
Bus E 174.2 **or**	Excel Formulas & Functions **or**	
Bus E 174.3 **or**	Excel as a Database **or**	
Bus E 174.4 **or**	Excel: Charting & Macros **or**	
Bus E 174.5	Excel: Integrating with Microsoft Applications	1
Bus E 175	Instructor Assistant	1-5
Bus E 176.1 **or**	Access: Create & Modify a Database **or**	
Bus E 176.2 **or**	Access: Use Queries to Retrieve Data **or**	
Bus E 176.3 **or**	Access: Create & Modify Forms **or**	
Bus E 176.4	Access: Create & Modify Reports	1
† Bus E 177 **and**	Business Education Work Experience **and**	3-5
Coop 171	Work Experience Seminar	1
Bus E 214	Introduction to Information in Security	5
Bus E 217	Computer Support Internship 2	5
Bus E 219	Basic Networking Concepts	5
Bus E 255	Advanced Word	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Cooperative Education classes.

 # Satisfies related instruction requirements.

° Qualifies as AAA and AA-DTA activity credit

Note:
Students may choose the advanced business applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112.

Business Applications for Small Business

Certificate of Proficiency
40 Credits

This certificate program provides students an opportunity to develop essential business skills. Earning this certificate will provide the student educational background and skills to be involved in a small business focusing on current business applications. Students must complete all required Bus E classes with a grade of 2.0 or higher.

Contact: Lea Ann Simpson, ext. 4393
lsimpson@greenriver.edu

Dept./No.	Course Title	Credits
Required Classes		
B A 110	Practical Financial Accounting	5
Bus 164	Entrepreneurship & Small Business Management	5
Bus E 101	Beginning Typing/Keyboarding	5
Bus E 130	Business Correspondence	5
Bus E 132	Business Communication Applications	5
Bus E 162	Introduction to Excel	5
Bus E 266	Inside Microsoft Office	5
Electives: Select one from the following courses to total 40 credits:		
B A 111	Practical Financial Accounting 2	5
Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
Bus E 140	Records Management	5
Bus E 150	Introduction to Windows	5
Bus E 163	Advanced Excel	5
Bus E 184	Internet & Basic Web Design	5
Bus E 185	Introduction to Microsoft Access	5
Bus E 214	Introduction to Information Security	5
Bus E 216	Computer Support Internship 1	5

Business Applications – Distance Education Preparation

Certificate of Proficiency
15 Credits

Note: This certificate does not qualify for federal financial aid or VA funding.

Contact: Lea Ann Simpson, ext. 4393
lsimpson@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 100	Fundamentals of Microcomputers	5
Bus E 118	Basics for Online Education	5
Bus E 184	Internet & Basic Web Design	5

Business Management

Associate in Applied Arts Degree
93-98 Credits

This degree program prepares students to be successful in a wide range of business careers. The focus is on providing a broad set of business skills that will help students perform better in the workplace and increase their advancement opportunities. Career paths in business management include marketing, sales, general management, project management, small business, and more.

Business management courses emphasize practical application of skills important for personal and professional development. Our students range from those with no business experience to those with more than two decades in the workforce.

Contact: Jeff Perlot, ext. 4865
jperlot@greenriver.edu

Dept./No.	Course Title	Credits
Reading	Eligible for Read 104 or completion of Read 094	0-5
* Keyboarding	30 wpm (test administered by Bus. Ed. Dept.)	
Bus 164 **or**	Entrepreneurship & Small Business Management **or**	
B A 101	Business, Government & Society	5
B A 110 **or**	Practical Financial Accounting **or**	
B A 210	Financial Accounting 1	5
# B A 145	Business Computation	5
Bus 103	Business Leadership	5
Bus 121	Marketing Fundamentals	5
Bus 159	Professional Selling	5
# Bus 166	Human Relations & Work Readiness	5
Bus 173	Basic Financial Management	5
Bus 175	Career Management Seminar	1
Bus 177	Supervised Work Experience	2
Bus 181	Introduction to International Business	5
Bus 202	Project Management & E-Business	5
Bus 257	Customer Service Strategies	5
Bus 258	Principles of Management & Supervision	5
Bus E 100	Fundamentals of Microcomputers	5
# Bus E 130 **or**	Business Correspondence **or**	
Engl 110	College Writing	5
Bus E 162	Introduction to Excel	5
# Comm 101	Basic Speech Communication	5
Students must choose 10 credits from the following electives. Students wishing to obtain an additional specialized certificate should seek advising assistance.		
B A 200 **or**	Introduction to Law & Commerce **or**	
B A 205	Business Law	5
Bus E	Any Business Education Class	5
Econ 100 **or**	Economic Principles & Applications **or**	
Econ 200	Macroeconomics	5

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing a 3-minute typing test at 30 wpm with 5 or less errors using the proper typing techniques administered by the Business Education Department.*

Business – Retail Management

Certificate of Proficiency
50 Credits

This certificate program prepares individuals to manage a variety of retail sales operations or lines of merchandise. The program serves both entry-level job candidates and current employees. After successful completion of the required coursework, students will receive a certificate, which may also show the WAFC endorsement.

Contact: Jeff Perlot, ext. 4865
jperlot@greenriver.edu

	Dept./No.	Course Title	Credits
#	B A 145 **or**	Business Computation **or**	
	Math 107 **or**	Contemporary Math **or**	
	Math 156	Finite Math for Business & Soc Science	5
	B A 210 **or**	Financial Accounting 1 **or**	
	B A 110	Practical Financial Accounting	5
	Bus 103	Business Leadership	5
	Bus 121	Marketing Fundamentals	5
#	Bus 166	Human Relations & Work Readiness	5
	Bus 257	Customer Service Strategies	5
	Bus 258	Principles of Management & Supervision	5
	Bus E 100	Fundamentals of Microcomputers	5
#	Bus E 130 **or**	Business Correspondence **or**	
	Engl 110 **or**	College Writing **or**	
	Engl 112	Writing: Social Sciences	5
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 101 **or**	Basic Speech Communication **or**	
	Comm 110	Interpersonal Communcation	5

 # Satisfies related instruction requirements.

Business – Management and Supervision

Certificate
25 Credits

This certificate is for anyone interested in being a more effective manager. It can be completed in as little as two quarters and provides immediately applicable skills for a business professional or entrepreneur.

Contact: Jeff Perlot, ext. 4865
jperlot@greenriver.edu

Dept./No.	Course Title	Credits
Bus 103	Business Leadership	5
Bus 166	Human Relations & Work Readiness	5
Bus 181	Introduction to International Business	5
Bus 202	Project Management & E-Business	5
Bus 258	Human Resources Management	5

Business – Marketing and Sales

Certificate of Proficiency
20 Credits

This certificate teaches the fundamental skills required for success in marketing and sales. It can be completed in as little as one to two quarters and provides immediately applicable skills for a business professional or entrepreneur.

Contact: Jeff Perlot, ext. 4865
jperlot@greenriver.edu

Dept./No.	Course Title	Credits
Bus 121	Marketing Fundamentals	5
Bus 159	Professional Selling	5
Bus 202	Project Management & E-Business	5
Bus 257	Customer Service Strategies	5

Carpentry Technology– Residential & Light Commercial

Associate in Applied Science Degree
91-96 Credits

This degree program prepares individuals to become successfully employed in the field of construction. Students can also apply these skills to a variety of jobs within the residential construction field. Students can choose to earn a variety of certificates related to residential carpentry, or can earn an AAS degree in Residential and Light Commercial Carpentry. After completion of the certificates or the degree, students can readily find employment as a carpenter helper for either general or specialty contractors. Generally after a period of time, most students find themselves in jobs such as: lead carpenters, general contractors, specialty contractors, supervisors, vendor representatives, designers, retail sales specialists, building inspectors, or other construction-related employment such as construction management positions.

Note: Students whose primary language is not English must have successfully completed ESOL Level 3 prior to enrolling in the Carpentry Technology Program

Additional Note: Students are required to show proof of medical insurance for all Carpentry classes with the exception of Carp 144 and 148.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu
Paul Mueller, ext. 2635 pmueller@greenriver.edu

	Dept./No.	Course Title	Credits
*	**Carp 101.1**	**Residential & Light Commercial Carpentry**	**13**
	Carp 101.2	**Carpentry Seminar 1**	**3**
*	**Carp 102.1**	**Residential & Light Commercial Carpentry**	**13**
	Carp 102.2	**Carpentry Seminar 2**	**3**
*	**Carp 103.1**	**Residential & Light Commercial Carpentry**	**13**
	Carp 103.2	**Carpentry Seminar 3**	**3**
	Carp 144	Residential Blueprint Reading	3
	Carp 145	Stair Design & Construction	4
	Carp 146	Basic Cabinet Construction	4
	Carp 147	Residential Remodeling Practices	6
	Carp 148	Material Estimating	4
	Carp 149	Rafter Cutting & Assembly	4
	Carp 151	Understanding Building Codes	3

Related AAS Degree Requirements

# Human Relations	5 credits of Human Relations listed in the Related Instruction Requirements	5
# Oral Communication	5 credits of Oral Communications listed in the Related Instruction Requirements	5
# Written	5 credits of Written Communications listed in the Related Instruction Requirements	5
# Computation	Acomp 100T, Computation for the Trades or Completion of Math 062 or Review of Arithmetic, or eligible for Math 070, Pre-Algebra	0-5

** One credit of Leadership embedded within this course.*

Bold face course offere2d days only. Regular font courses offered nights only

 # Satisfies related instruction requirements.

Most General Education courses have prerequisites. Please work with Carpentry advisor for selecting which courses will meet program requirements and scheduling constraints.

Carpentry Technology– Residential & Light Commercial

Certificate of Proficiency 42 Credits

This certificate program prepares students with carpentry skills and knowledge related to the entire spectrum of residential as well as parts of light commercial construction. Completion can lead to employment with either general or specialty contractors whose focus is on residential or light commercial building. Students will develop a wide range of skills and knowledge in the carpentry trade ranging from foundations to interior trim.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Carp 101.1	Residential & Light Commercial Carpentry	13
Carp 101.2	Carpentry Seminar 1	3
Carp 102.1	Residential & Light Commercial Carpentry	13
Carp 103.1	Residential & Light Commercial Carpentry	13

Carpentry Technology– Residential Light and Commercial Framing 1

Certificate of Proficiency 16 Credits

This certificate program prepares students with the basic skills and knowledge required to find employment with specialty or general contractors whose focus is residential and/or light commercial framing, i.e., floors, walls, truss roofs, light gauge metal, etc. Students will develop basic skills in blueprint reading, layout skills, assembly and erection of floors, walls and truss roof systems, WISHA/OSHA safety regulations, and code requirements relating to framing. In addition, students will learn portable power tool usage designed specifically to frame structures, framing material knowledge, and specifications.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
* Carp 102.1	Residential & Light Commercial Carpentry	13
* Carp 102.2	Carpentry Seminar 2	3

** Must complete sections 1 and 11 in student manual.*

Carpentry Technology– Residential Light and Commercial Framing 2

Certificate of Proficiency 24 Credits

This certificate program offers students the additional skills and knowledge required for advancement with specialty or general contractors whose focus is residential and/or light commercial framing, i.e., floors, walls, truss roofs, light gauge metal, etc. Students will develop basic skills in two areas specific to framing: straight run stairs and turn stairs, and basic circular stairs and knowledge of all the Uniform Building Code requirements that govern stairs; calculating, cutting, and assembly of "stick framed" roof systems (ceiling joist and common, hip, valley, and jack rafters).

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
* Carp 102.1	Residential & Light Commercial Carpentry	13
* Carp 102.2	Carpentry Seminar 2	3
Carp 145	Stair Design & Construction	4
Carp 149	Rafter Cutting & Assembly	4

** Must complete sections 1 and 11 in student manual.*

Carpentry Technology– Residential Concrete Forming & Placement

Certificate of Proficiency 16 Credits

This certificate program prepares students with the basic skills and knowledge required to find employment with specialty or general contractors whose focus is residential and/or light commercial framing, i.e., floors, walls, truss roofs, light gauge metal, etc. Students will develop basic skills in blueprint reading, layout skills, assembly and erection of floors, walls and truss roof systems, WISHA/OSHA safety regulations, and code requirements relating to framing. In addition, students will learn portable power tool usage designed specifically to frame structures, framing material knowledge, and specifications.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Carp 101.1	Residential & Light Commercial Carpentry	13
Carp 101.2	Carpentry Seminar 1	3

Carpentry Technology–Residential Exterior Finish Level 1

Certificate of Proficiency
9 Credits

This certificate program offers students the basic skills and knowledge required to find employment with specialty or general contractors whose focus is exterior finish. Students will develop skills in applying various types of roof covering and materials, various types of siding and related trim pieces, and basic deck construction. In addition, students will learn portable power tool usage designed specifically for exterior trim, as well as exterior material knowledge and specifications.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu; Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Carp 103.1	Residential & Light Commercial Carpentry	9

Carpentry Technology–Residential Interior Finish Level 1

Certificate of Proficiency
16 Credits

This certificate program offers students the basic skills and knowledge required to find employment with specialty or general contractors whose focus is interior finishing. Students will develop basic skills in drywall installation and finishing, installing interior doors, installing running and standing trim, installing various interior accessories, and basic cabinet installation. In addition, students will learn portable power tool usage designed specifically for interior trim, interior material knowledge, and specifications.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu; Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Carp 103.1	Residential & Light Commercial Carpentry	13
Carp 103.2	Carpentry Seminar 3	3

Carpentry Technology–Residential Interior Finish Level 2

Certificate of Proficiency
26 Credits

This certificate program offers students the additional skills and knowledge that can lead to advancement when working for specialty or general contractors whose focus is interior finishing. Students will develop skills in cabinet construction, advanced cabinet installation techniques, countertop construction and installation (laminate and basic solid surface products), kitchen/bath design, and material estimating.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu; Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Carp 103.1	Residential & Light Commercial Carpentry	13
Carp 103.2	Carpentry Seminar 3	3
Carp 146	Basic Cabinet Construction	4
Carp 147	Residential Remodeling Practices	6

Carpentry Technology–Intermediate Construction Management Skills

Certificate of Proficiency
36 Credits

This certificate program offers students the further skills needed to manage their own construction company, or be employed to manage a mid-size construction company.

This certificate does not qualify for federal financial aid or VA funding.

Contacts: Glen Martin, ext. 4208 gmartin@greenriver.edu; Paul Mueller, ext. 2635 pmueller@greenriver.edu

Dept./No.	Course Title	Credits
B A 101	Business, Government & Society	5
Bus E 163	Advanced Excel	5
Bus E 255	Advanced Word	5
Carp 144	Residential Blueprint Reading	3
Carp 148	Material Estimating	4
D T 110	Introduction to AutoCAD	4
D T 125	Civil Drafting 1	5
D T 141	Architectural Drafting 1	5

Computer Reporting Technologies–Captioning–Sequence A

Associate in Applied Arts Degree
144-209 Credits

Realtime captioning is done by specially trained court reporters called "stenocaptioners." The stenocaptioner utilizes a steno machine to provide captions of live television programs and other forms of media for hearing-impaired viewers through realtime technology that instantly produces readable English text. Broadcast captioners work for local stations and for national networks captioning news, emergency broadcasts, sporting events, and other programming.

Another facet of the captioning process is called Communication Access Realtime Translation (CART). This area allows stenocaptioners to provide more personalized services for hearing-impaired people. Most hearing-impaired people lose their hearing postlingually—after acquiring reading and speaking skills—and many of them do not become as proficient with a sign language as they are at reading text. CART reporters may accompany deaf or hearing-impaired clients as needed to classes, meetings, conferences, doctor appointments, church services, etc., to provide instant conversion of speech into text using the steno machine linked to a laptop computer.

Postproduction captioning is the process by which the script text is placed onto a video in order that a hearing-impaired individual can view the tape and read the audio portion that would otherwise be missed. Postproduction captioning utilizes additional hardware for synchronizing the visible text to the timing of the audio and then recording or "burning" the text onto another videotape to create a captioned version of the original.

The Green River Computer Reporting Technologies program is approved by the National Court Reporters Association. All students entering the program must be high school graduates or have earned a GED Certificate. A COMPASS spelling test score of 90% accuracy or above or Engl 090 is required prior to entry into the Computer Reporting Technologies program.

Upon completion of the required classes, students qualify for the Associate in Applied Arts degree in Captioning. They must have completed a minimum of 40 hours of internship encompassing both realtime and postproduction captioning.

In addition to the course work, there are recommended state and/or national examinations that a student should pass to become a captioner or CART provider.

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu
Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

	Dept./No.	Course Title	Credits
#	B A 145 **or** Bus E 110 **or** Math 072	Business Computation **or** Business Math Applications **or** Eligible for Math 072, Elementary Algebra	0-5
	Bus E 109	Legal Terminology	3
#	Bus E 130 **or** Engl 102 **or** Engl 110	Business Correspondence **or** Practical College Writing **or** College Writing	5
#	Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
	Crpt 100.1	Machine Shorthand Theory 1	10
	Crpt 100.2	Machine Shorthand Theory 2	10
	Crpt 101.1	Machine Shorthand Theory 3	10
	Crpt 101.2	Machine Shorthand – 60 wpm	10
	Crpt 102	Machine Shorthand – 80 wpm	8-12
	Crpt 133	Machine Shorthand – 100 wpm	8-16
	Crpt 134	Machine Shorthand – 120 wpm	8-16
	Crpt 135	Machine Shorthand – 140 wpm	8-16
	Crpt 136	Machine Shorthand – 160 wpm	8-16
#	Crpt 153	Court Reporting Procedures 1	5
	Crpt 201	Machine Shorthand – 180 wpm	8-16
	Crpt 202	Machine Shorthand – 200 wpm	8-16
	Crpt 203	Machine Shorthand – 225 wpm	8-16
	Crpt 250	Computer-Aided Transcription	3
	Crpt 251	Introduction to Captioning/Alternative Careers	3
	Crpt 252	Captioning Internship 1	4
	Crpt 253	Captioning Internship 2	4
	Crpt 254	Captioning Internship 3	4
	Edec 220	Introduction to Sign Language 1	2
	Engl 108	Medical Terminology	2
	To enhance the student's preparation for future employment, the following are recommended:		
	B A 110	Practical Financial Accounting	5
	B A 205	Business Law	5
	Bus 103	Business Leadership	5
*	Bus E 107 **or** Bus E 108 **or** Typing test	Typing Speed & Accuracy 1 **or** Typing Speed & Accuracy 2 **or** 60 wpm with fewer than 5 errors	0-4
	Bus E 184	Internet & Basic Web Design	5
	Bus E 266	Inside Microsoft Office	5
	Edec 221	Sign Language 2	2
	Lib 101	Searching Electronic Databases	2
	Additional Suggested Electives: Electives might not be eligible for financial aid or veteran's benefits. (See your financial aid advisor.)		
	Bus E 100	Fundamentals of Microcomputers	5
	Bus E 112	Beginning Word for Windows	5
	Bus E 255	Advanced Word	5
	Phil 112	Ethics in the Workplace	5

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing two 5-minute typing tests at 60 wpm with 5 or less errors using the proper typing techniques administered by the Business Education Department.*

Computer Reporting Technologies– Captioning – Sequence B

Associate in Applied Arts Degree 98-130 Credits

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu
Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

	Dept./No.	Course Title	Credits
#	B A 145 **or** Bus E 110 **or** Math 072	Business Computation **or** Business Math Applications **or** Eligible for Math 072, Elementary Algebra	0-5
	Bus E 109	Legal Terminology	3
#	Bus E 130 **or** Engl 102 **or** Engl 110	Business Correspondence **or** Practical College Writing **or** College Writing	5
#	Comm 100 **or** Comm 101	Fundamentals of Oral Communication **or** Basic Speech Communication	5
	Crpt 080	Machine Shorthand Lab	0-1
	Crpt 090	Machine Shorthand Theory	3-4
	Crpt 091	Machine Shorthand Advanced Theory	3-4
	Crpt 092	Machine Shorthand – 40 wpm	3-4
	Crpt 093	Machine Shorthand – 60 wpm	3-4
	Crpt 094	Machine Shorthand – 80 wpm	5-6
	Crpt 095	Machine Shorthand – 100 wpm	5-6
	Crpt 096	Machine Shorthand – 120 wpm	5-6
	Crpt 097	Machine Shorthand – 140 wpm	5-6
	Crpt 098	Machine Shorthand – 160 wpm	5-6
	Crpt 099	Machine Shorthand – 180 wpm	5-6
#	Crpt 153	Court Reporting Procedures	5
	Crpt 202	Machine Shorthand – 200 wpm	8-16
	Crpt 203	Machine Shorthand – 225 wpm	8-16
	Crpt 250	Computer-Aided Transcription	3
	Crpt 251	Introduction to Captioning/Alternative Careers	3
	Crpt 252	Captioning Internship 1	4
	Crpt 253	Captioning Internship 2	4
	Crpt 254	Captioning Internship 3	4
	Edec 220	Introduction to Sign Language 1	2
	Engl 108	Medical Terminology	2
	To enhance the student's preparation for future employment, the following are recommended:		
	B A 110	Practical Financial Accounting	5
	B A 205	Business Law	5
	Bus 103	Business Leadership	5
*	Bus E 107 **or** Bus E 108 **or** Typing test	Typing Speed & Accuracy 1 **or** Typing Speed & Accuracy 2 **or** 60 wpm with fewer than 5 errors	0-4
	Bus E 184	Internet & Basic Web Design	5
	Bus E 266	Inside Microsoft Office	5
	Edec 221	Sign Language 2	2
	Engl 106	Vocabulary Mastery	5
	Lib 101	Searching Electronic Databases	2
	Additional Suggested Electives: Electives might not be eligible for financial aid or veteran's benefits. (See your financial aid advisor.)		
	Bus E 100	Fundamentals of Microcomputers	5
	Bus E 112	Beginning Word for Windows	5
	Bus E 255	Advanced Word	5
	Phil 112	Ethics in the Workplace	5

 # Satisfies related instruction requirements.

** Keyboarding/typing skills may be demonstrated by passing two 5-minute typing tests at 60 wpm with 5 or less errors using the proper typing techniques administered by the Business Education Department.*

Computer Reporting Technologies– Court Reporting – Sequence A

Associate in Applied Art Degree 148-217 Credits

Court Reporters record the verbatim proceedings of a courtroom, deposition, hearing, arbitration, or meeting and provide an accurate transcript of the proceedings. Students learn how to prepare the transcript with the use of a computer. Additionally, students are trained in realtime writing and captioning for the hearing-impaired and nonhearing community. This skill affords new job opportunities.

Official court reporters record the proceedings in a court or hearing room. Freelance reporters may work in various offices or locations as the job necessitates and may be employed by a reporting firm.

The Green River Court Reporting program is accredited by the National Court Reporters Association. All students entering the Court Reporting program must be high school graduates or have earned a GED Certificate. A COMPASS spelling test score of 90% accuracy or above or Engl 090 is required prior to entry into the Computer Reporting Technology programs.

Upon completion of the required classes, students qualify for the Associate in Applied Arts degree in Court Reporting. They must have completed 60 hours of internship of which 50 hours is actual writing time during internship training; passed three 5-minute tests with 96% accuracy or above on literary at 180 wpm and jury charge at 200 wpm; and passed four 5-minute tests on Q&A (two-voice) at 225 wpm, two with 95% accuracy and two with 96% accuracy or above.

In addition to the course work, there are state and/or national examinations that a student should pass to become a court reporter. Reporters must pass the Washington State Licensing examination in order to be certified to work in the state of Washington.

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu
Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

	Dept./No.	Course Title	Credits
	AP 100	Survey of Human Anatomy-Physiology	5
#	B A 145 **or**	Business Computation **or**	
	Bus E 110 **or**	Business Math Applications **or**	
	Math	Eligible for Math 072, Elementary Algebra	0-5
	Bus E 109	Legal Terminology	3
#	Bus E 130 **or**	Business Correspondence **or**	
	Engl 102 **or**	Practical College Writing **or**	
	Engl 110	College Writing	5
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 101	Basic Speech Communication	5
	Crpt 100.1	Machine Shorthand Theory 1	10
	Crpt 100.2	Machine Shorthand Theory 2	10
	Crpt 101.1	Machine Shorthand Theory 3	10
	Crpt 101.2	Machine Shorthand – 60 wpm	10
	Crpt 102	Machine Shorthand – 80 wpm	8-12
	Crpt 133	Machine Shorthand – 100 wpm	8-16
	Crpt 134	Machine Shorthand – 120 wpm	8-16
	Crpt 135	Machine Shorthand – 140 wpm	8-16
	Crpt 136	Machine Shorthand – 160 wpm	8-16
#	Crpt 153	Court Reporting Procedures 1	5
#	Crpt 154	Court Reporting Procedures 2	5
	Crpt 177-179 **and**	Court Reporting/Captioning	
		Work Experience **and**	2-6
	Coop 171	Work Experience Seminar	1
	Crpt 201	Machine Shorthand – 180 wpm	8-16
	Crpt 202	Machine Shorthand – 200 wpm	8-16
	Crpt 203	Machine Shorthand – 225 wpm	8-16
	Crpt 250	Computer-Aided Transcription	3
	Crpt 251	Introduction to Captioning/Alternative Careers	3
	Engl 105	Grammar & Usage	5
	Engl 108	Medical Terminology	2

To enhance the student's preparation for future employment, the following are recommended:

	B A 110	Practical Financial Accounting	5
	B A 205	Business Law	5
	Bus E 107 **or**	Typing Speed & Accuracy 1 **or**	
	Bus E 108 **or**	Typing Speed & Accuracy 2 **or**	
*	Typing Test	60 wpm with fewer than 5 errors	0-4
	Bus E 184	Internet & Basic Web Design	5
	Bus E 266	Inside Microsoft Office	5
	Crpt 255	Computer-Aided Transcription Advanced	3
	Engl 106	Vocabulary Mastery	5

Additional Suggested Electives: Electives might not be eligible for financial aid or veteran's benefits. (See your financial aid advisor.)

Bus E 100	Fundamentals of Microcomputers	5
Bus E 112	Beginning Word for Windows	5
Bus E 140	Records Management	5
Bus E 150	Introduction to Windows	5
Bus E 162	Introduction to Excel	5
Bus E 255	Advanced Word	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 255	Forensics: An Introduction to Criminalistics	5

 # Satisfies related instruction requirement.

** Keyboarding/typing skills may be demonstrated by passing two 5-minute typing tests at 60 wpm with 5 or less errors using the proper typing techniques administered by the Business Education Department.*

Computer Reporting Technologies– Court Reporting – Sequence B

Associate in Applied Art Degree 103-143 Credits

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu
Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

	Dept./No.	Course Title	Credits
	AP 100	Survey of Human Anatomy-Physiology	5
#	B A 145 **or**	Business Computation **or**	
	Bus E 110 **or**	Business Math Applications **or**	
	Math	Eligible for Math 072, Elementary Algebra	0-5
	Bus E 109	Legal Terminology	3
#	Bus E 130 **or**	Business Correspondence **or**	
	Engl 102 **or**	Practical College Writing **or**	
	Engl 110	College Writing	5
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 101	Basic Speech Communication	5
	Crpt 080	Machine Shorthand Lab	1-6
	Crpt 090	Machine Shorthand Theory	3-4
	Crpt 091	Machine Shorthand Advanced Theory	3-4
	Crpt 092	Machine Shorthand – 40 wpm	3-4
	Crpt 093	Machine Shorthand – 60 wpm	3-4
	Crpt 094	Machine Shorthand – 80 wpm	5-6
	Crpt 095	Machine Shorthand – 100 wpm	5-6
	Crpt 096	Machine Shorthand – 120 wpm	5-6
	Crpt 097	Machine Shorthand – 140 wpm	5-6
	Crpt 098	Machine Shorthand – 160 wpm	5-6
	Crpt 099	Machine Shorthand – 180 wpm	5-6
#	Crpt 153	Court Reporting Procedures 1	5
#	Crpt 154	Court Reporting Procedures 2	5

Crpt 177-179 **and**	Court Reporting/Captioning Work Experience **and**	2-6
Coop 171	Work Experience Seminar	1
Crpt 202	Machine Shorthand – 200 wpm	8-16
Crpt 203	Machine Shorthand – 225 wpm	8-16
Crpt 250	Computer-Aided Transcription	3
Crpt 251	Introduction to Captioning/Alternative Careers	3
Engl 105	Grammar & Usage	5
Engl 108	Medical Terminology	2

To enhance the student's preparation for future employment, the following are recommended:

B A 110	Practical Financial Accounting	5
B A 205	Business Law	5
Bus E 107 **or** Bus E 108 **or** * Typing Test	Typing Speed & Accuracy 1 **or** Typing Speed & Accuracy 2 **or** 60 wpm with fewer than 5 errors	0-4
Bus E 184	Internet & Basic Web Design	5
Bus E 266	Inside Microsoft Office	5
Crpt 255	Computer-Aided Transcription Advanced	3
Engl 106	Vocabulary Mastery	5

Suggested Electives: Electives might not be eligible for financial aid or veteran's benefits. (See your financial aid advisor.)

Bus E 100	Fundamentals of Microcomputers	5
Bus E 112	Beginning Word for Windows	5
Bus E 140	Records Management	5
Bus E 150	Introduction to Windows	5
Bus E 162	Introduction to Excel	3
Bus E 255	Advanced Word	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 255	Forensics: An Introduction to Criminalistics	5

 # Satisfies related instruction requirement.

** Keyboarding/typing skills may be demonstrated by passing two 5-minute typing tests at 60 wpm with 5 or less errors using the proper typing techniques administered by the Business Education Department.*

Computer Reporting Technologies– Medical Stenoscriptionist

Certificate of Proficiency
43 Credits

This certificate program prepares students to work with medical professionals preparing medical records and reports using a stenograph machine. The high demand in the field of health care has made medical stenoscriptionist an important aspect of the medical profession. The qualified stenoscriptionist must understand disease processes, anatomy, physiology, and medical terminology, as well as medications and their dosages. An increasing number of medical stenoscriptionists work from home-based offices as subcontractors for hospitals and physicians. These medical language specialists work with prerecorded material rather than a live account from a medical professional. Those who specialize in the health care profession will be highly sought after in the next century.

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

Dept./No.	Course Title	Credits
AP 100 **or** AP 103	Survey of Human Anatomy-Physiology **or** Essentials of Human Anatomy-Physiology 1	5
Bus E 122	Medical Machine Transcription	5
Bus E 123	Advanced Medical Machine Transcription	5
Bus E 130 **or** Engl 110	Business Correspondence **or** College Writing	5
Crpt 136 **or** Crpt 098	Machine Shorthand – 160 wpm **or** Machine Shorthand – 160 wpm	6-16
Crpt 177 **and** Coop 171	Court Reporting/Captioning Work Experience **and** Work Experience Seminar	2
Crpt 251	Introduction to Captioning/Alternative Careers	3
Engl 108	Medical Terminology	2

Suggested Electives: Students may choose from the following courses to total 43 credits:

B A 110	Practical Financial Accounting	5
Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
Bus E 124	Medical Transcription Production	5
Bus E 140	Records Management	5
Bus E 145	ICD Medical Coding	5
Bus E 184	Internet & Basic Web Design	5
Bus E 255	Advanced Word	5
Bus E 266	Inside Microsoft Office	5
Engl 105	Grammar & Usage	5

Computer Reporting Technologies– Scoptist/Text Editor

Certificate of Proficiency
44 Credits

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

Dept./No.	Course Title	Credits
Crpt 100.1 and Crpt 100.2 **or** Crpt 090 **and** Crpt 091	Machine Shorthand Theory 1 and Machine Shorthand Theory 2 **or** Machine Shorthand Theory **and** Machine Shorthand Theory-Adv	8-20
Crpt 101.1 **or** Crpt 092	Machine Shorthand Theory 3 **or** Machine Shorthand – 40 wpm	4-10
Crpt 153	Court Reporting Procedures 1	5
Crpt 250	Computer-Aided Transcription	3
Engl 105	Grammar & Usage	5
Engl 108	Medical Terminology	2

Suggested Electives: Students may choose from the following courses to total 43 credits:

B A 110	Practical Financial Accounting	5
Bus E 109	Legal Terminology	3
Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
Bus E 130	Business Correspondence	5
Bus E 140	Records Management	5
Bus E 184	Internet & Basic Web Design	5
Bus E 255	Advanced Word	5
Bus E 266	Inside Microsoft Office	5
Crpt 177 **and** Coop 171	Court Reporting/Captioning Work Experience **and** Work Experience Seminar	1-2 1

Computer Reporting Technologies–Text Entry

Certificate of Proficiency
42 Credits

Contacts: Lori Rapozo, ext. 4219 lrapozo@greenriver.edu
Sidney Weldele-Wallace, ext. 4705 sweldele@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 109	Legal Terminology	3
Bus E 130 **or** Engl 110	Business Correspondence **or** College Writing	5
Crpt 136 **or** Crpt 098	Machine Shorthand 160 wpm **or** Machine Shorthand 160 wpm	6-16
Crpt 177 **and** Coop 171	Court Reporting/Captioning Work Experience **and** Work Experience Seminar	1-2 1
Crpt 250	Computer Aided Transcription	3
Crpt 251	Introduction to Captioning/Alternative Careers	3
Suggested Electives: Students may choose from the following courses to total 42 credits:		
B A 110	Practical Financial Accounting	5
Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
Bus E 140	Records Management	5
Bus E 145	ICD Medical Coding	5
Bus E 184	Internet & Basic Web Design	5
Bus E 255	Advanced Word	5
Bus E 266	Inside Microsoft Office	5
Engl 105	Grammar & Usage	5
Engl 106	Vocabulary Mastery	5
Engl 108	Medical Terminology	2

Computerized Machining & Manufacturing Technology

Associate in Applied Science Degree
90-102 Credits

This degree program is designed for both the new student entering the field of manufacturing and for the current employee who wishes to learn more about the knowledge and skills currently in demand by employers.

A graduate of the program will be prepared for entry into the manufacturing industry as a conventional or CNC (Computer Numerical Control) machinist trainee. Instruction covers conventional turning, milling and grinding, as well as basic programming, set up and operation of CNC machine tools. Other subjects include shop safety, reading engineering drawings, shop mathematics, machine tool theory, inspection and surface plate techniques, as well as lean manufacturing and other skills currently required by the manufacturing industry.

Credit for hours of training is usually granted to those entering an approved apprenticeship program. Entry into the program at any time is possible on a space-available basis with instructor's permission.

Contact: Tom Tagliente, ext. 4228
ttagliente@greenriver.edu

Dept./No.	Course Title	Credits
# Acomp 100T **or** Math 072 **or**	Computation for the Trades **or** Elementary Algebra **or** Eligible for Math 097, Intermediate Algebra	0-5
# Engl 102 **or** Engl 110	Practical College Writing **or** College Writing	5
Indus 102.1	Welding Survey 1	3
Mfg 111	Measuring Systems & Quality Assurance Level 1	3
Mfg 112	Shop Safety & Production Procedures Level 1	2
Mfg 113	Cutting Tools & Workholding Level 1	2
Mfg 114	Manufacturing Planning & Processes Level 1	1
Mfg 115	Reading Engineering Drawings Level 1	3
Mfg 116	Manufacturing Careers & Management Level 1	1
Mfg 117	Conventional Milling Level 1	2
Mfg 118	Conventional Turning Level 1	2
Mfg 119	Precision Grinding Level 1	2
Mfg 121	Measuring Systems & Quality Assurance Level 2	3
Mfg 122	Shop Safety & Production Procedures Level 2	2
Mfg 123	Cutting Tools & Workholding Level 2	2
Mfg 124	Manufacturing Planning & Processes Level 2	1
Mfg 125	Reading Engineering Drawings Level 2	3
Mfg 126	Manufacturing Careers & Management Level 2	1
Mfg 127	Conventional Milling Level 2	2
Mfg 128	Conventional Turning Level 2	2
Mfg 129	Precision Grinding Level 2	2
Mfg 141	CNC Systems Level 1	2
Mfg 142	CNC Machining Level 1	2
Mfg 143	CNC Turning Level 1	2
Mfg 144	CAD/CAM Systems Level 1	2
Mfg 151	CNC Systems Level 2	2
Mfg 152	CNC Machining Level 2	2
Mfg 153	CNC Turning Level 2	2
Mfg 154	CAD/CAM Systems Level 2	2
Mfg 155	Advanced Manufacturing Processes	1
Mfg 156	Review-Job Shadow Level 1	1
Mfg 157	Review-Job Shadow Level 2	1
Mfg 158	Review-Job Shadow Level 3	1
Mfg 159	Review-Job Shadow Level 4	1
Mfg 160	Review-Job Shadow Level 5	1
Mfg 161	CNC Systems Level 3	2
Mfg 162 **or** I E 189	Applied Materials for Manufacturing **or** Basic Metallurgy	2-4
Mfg 164	Shop Math	2
Mfg 177 **and** Coop 171	Manufacturing Work Experience **and** Work Experience Seminar	7-12 1
# Human Relations	Any course that satisfies the Human Relations Related Instruction Requirements	5
# Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
To enhance the learner's preparation for future employment, we recommend the following:		
Bus E 111	Personal Computing	3
D T 115	Geometric Dimensioning & Tolerancing	4

 # Satisfies related instruction requirements.

Computerized Machining & Manufacturing Technology

Certificate of Proficiency
39-44 Credits

This is a one-year (three quarter) program designed for both the new student entering the field of manufacturing and for the current employee who wishes to learn more about the knowledge and skills currently in demand by employers.

Upon completion of this certificate, the student will be prepared for entry into the manufacturing industry as a conventional or CNC (Computer Numerical Control) machinist trainee. Instruction covers conventional turning, milling and grinding, as well as basic programming, set up and operation of CNC machine tools. Other subjects include shop safety, reading engineering drawings, shop mathematics, machine tool theory, inspection and surface plate techniques, as well as lean manufacturing and other skills currently required by the manufacturing industry.

Credit for hours of training is usually granted to those entering an approved apprenticeship program. Entry into the program at any time is possible on a space-available basis with instructor's permission.

Contact: Tom Tagliente, ext. 4228
ttagliente@greenriver.edu

Dept./No.	Course Title	Credits
Acomp 100T **or** Math 072 **or**	Computation for the Trades **or** Elementary Algebra **or** Eligible for Math 097, Intermediate Algebra	0-5
Mfg 111	Measuring Systems & Quality Assurance Level 1	3
Mfg 112	Shop Safety & Production Procedures Level 1	2
Mfg 113	Cutting Tools & Workholding Level 1	2
Mfg 114	Manufacturing Planning & Processes Level 1	1
Mfg 115	Reading Engineering Drawings Level 1	3
Mfg 116	Manufacturing Careers & Management Level 1	1
Mfg 117	Conventional Milling Level 1	2
Mfg 118	Conventional Turning Level 1	2
Mfg 119	Precision Grinding Level 1	2
Mfg 121	Measuring Systems & Quality Assurance Level 2	3
Mfg 141	CNC Systems Level 1	2
Mfg 142	CNC Machining Level 1	2
Mfg 143	CNC Turning Level 1	2
Mfg 144	CAD/CAM Systems Level 1	2
Mfg 151	CNC Systems Level 2	2
Mfg 155	Advanced Manufacturing Processes	1
Mfg 156	Review-Job Shadow Level 1	1
Mfg 157	Review-Job Shadow Level 2	1
Mfg 158	Review-Job Shadow Level 3	1
Mfg 162	Applied Materials for Manufacturing	2
Mfg 164	Shop Math	2

Criminal Justice

Associate in Applied Science Degree
113-114 Credits

This degree program is a broad discipline, encompassing the scientific study of crime, criminals, the criminal justice system, treatment of offenders, and theories of crime causation. It is interdisciplinary in nature, drawing from such fields as psychology, political science, sociology, economics, biology and law. Students are encouraged to participate in the Criminal Justice Advisory Committee and the criminal justice club called "Future Criminal Justice Professionals." Those interested in transferring to a four-year institution should consider this degree because it also satisfies the requirements of the Associate in Arts degree. Students should contact a criminal justice advisor in order to create a customized program of study.

Many of our students continue their academic careers; others seek employment with a variety of criminal justice agencies; other students are returning law enforcement officers updating their skills and education.

Contact: Ron Riley, ext. 4387
rriley@greenriver.edu

Dept./No.	Course Title	Credits
Anthr 202 **or** Anthr 265	Cultural Anthropology **or** Forensic Anthropology	5
# Comm 110	Interpersonal Communication	5
# Comm 234	Small Group Leadership & Discussion	5
# Engl 110	College Writing	5
Engl 111 **or** Engl 112 **or** Engl 113	Writing: Humanities **or** Writing: Social Sciences **or** Research Writing: Science, Engineering & Business	5
# Math 107 **or** Math 100 or above	Contemporary Math **or** any college level math class	5
Natural Science	Select any three courses from at least two separate areas. 10 credits must be from List A, including a minimum of 5 credits from lab sciences. The additional 5 credits can be from List A or List B	15
P E 101 **or** P E 102 **or** P E 103 **or** P E 111 **or** P E 131 **or** P E 149 **or** P E 160 **or** P E 165	Physical Fitness Lab **or** Jogging **or** Total Physical Fitness **or** Aerobic Walking **or** Training for Health **or** CORE Training for Health **or** Exercise & Nutrition **or** Exercise & Health	2-3
P E 113	Group Dynamics Activities	1
Phil 160 **or** Phil 115	Introduction to the Philosophy of Science **or** Reasoning in Everyday Life	5
Photo 101	Beginning Black & White Photography	5
Photo 104	Beginning Digital Photography	5
Psych 100	General Psychology	5
Soc 110	Survey of Sociology	5
Required Core Classes:		
CRJ 100	Introduction to Criminal Justice	5
CRJ 200	Individual Rights in Criminal Justice	5
CRJ 205	Criminal Evidence	5
CRJ 215 **or** Soc 215	Criminology	5
CRJ 220	Multicultural Diversity in Criminal Justice	5
Electives: Select from the following courses to total 15 credits		
Anthr 265	Forensic Anthropology	5
Bus E 100	Fundamentals of Microcomputers	5
Bus E 140	Records Management	5
Bus E 250	Office Administration	5
CRJ 115	Fingerprint Science	5
CRJ 177-179 **and** Coop 171	Cooperative Education **and** Work Experience Seminar	4 1
CRJ 225	Criminal Law	5
CRJ 230	Corrections	5
CRJ 240	Community-Oriented Policing	5
CRJ 255	Forensics: An Introduction to Criminalistics	5
CRJ 294	Special Topics: Criminal Justice	5

CRJ 299	Independent Study-Criminal Justice	5
Psych 209	Fundamentals of Psychological Research	5
Soc 245	Juvenile Delinquency	5

 # Satisfies related instruction requirements.

Note:
Students must attain a grade of 2.0 or higher in all CRJ classes.

Criminal Justice–Corrections

Certificate of Proficiency
35 Credits

Terrific career opportunities are available to those seeking employment in federal, state and local correctional facilities. The Seattle area is home to the new King County Detention facility, and other federal correctional facilities are still under construction. Great job potential with local correctional agencies exists for Green River students.

Contact: Ron Riley, ext. 4387
rriley@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 140	Records Management	5
Bus E 250	Office Administration	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 200	Individual Rights to Criminal Justice	5
CRJ 215 **or** Soc 215	Criminology	5
CRJ 230	Corrections	5
Engl 110	College Writing	5
To enhance the student's preparation for future employment, the following are recommended:		
CRJ 177-179 and Coop 171	Cooperative Education and Work Experience Seminar	1-5 1

Note:
Students must attain a grade of 2.0 or higher in all classes.

Criminal Justice–Law Enforcement

Certificate of Proficiency
40 Credits

This short-term certificate is designed to be completed in just two quarters and includes an introduction to the criminal justice system and a more focused examination of current trends and practices in policing. Students who earn the certificate are afforded employment opportunities with local law enforcement agencies.

Contact: Ron Riley, ext. 4387
rriley@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 140	Records Management	5
Bus E 250	Office Administration	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 200	Individual Rights In Criminal Justice	5
CRJ 220	Multicultural Diversity in Criminal Justice	5
CRJ 225	Criminal Law	5
CRJ 240	Community-Oriented Policing	5
Engl 110	College Writing	5
To enhance the student's preparation for future employment, the following are recommended:		
Bus E 100	Fundamentals of Microcomputers	5
CRJ 177-179 **and** Coop 171	Cooperative Education **and** Work Experience Seminar	1-5 1

Note:
Students must attain a grade of 2.0 or higher in all classes.

Database Design & Administration

Associate in Applied Science Degree
118 Credits

This degree program educates students as to the skills necessary to design databases, write HTML, implement servers and networks, and analyze data.

Contact: Gus Gomez, ext. 4309
ggomez@greenriver.edu

Dept./No.	Course Title	Credits
Core Requirements:		
Bus E 266	Inside Microsoft Office	5
IT 101	Introduction to Computer Science	5
IT 102	Program Design	5
IT 110	PC Support Technician 1	5
IT 115	PC Support Technician 2	5
IT 120	Internet Technologies	5
IT 121	Introduction to HTML	5
IT 130	Introduction to Networking	5
IT 160	Microsoft Windows (Current version) Server Implementation	5
IT 180	Database Development Work Experience	3
IT 201	Fundamental Database Design	5
IT 220	Advanced Visual Basic	5
IT 235	Database Management	5
IT 252	System Administration for Microsoft SQL Server (Current version)	5
IT 260	Building XML Web & Database Applications	5
IT 265	Structured Query Language (SQL)	5
IT 270	Advanced Database Applications with VBA	5
IT 275	Microsoft SQL Server Database Design & Implementation (Current version)	5
IT 290	Systems Analysis & Design	5
IT 292	Data Analysis & Design	5
# Related Instructions Requirements:		
# Comm 110 **or** Comm 101 **or** Comm 234	Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
# Engl 102 **or** Engl 110 **or** Engl 113	Practical College Writing **or** College Writing **or** Research Writing: Science, Engineering & Business	5
# IT 140	Customer Service for IT Professionals	5
# Math 102 **or** Math 107 **or** Math 156	Pre-Calculus 1 **or** Contemporary Math **or** Finite Math for Business & Soc Science	5

 # Satisfies related instruction requirements.

Note:
Some of the courses have prerequisites; consult the course description section of this catalog for additional information.

Design Technology–
Design Drafting Technology

Associate in Applied Science Degree
110-111 Credits

This degree program allows students to sample a broad range of drafting careers, including studies in mechanical, architectural, civil, structural, and electrical-electronics drafting. Students will develop proficiency in board drafting and computer-aided drafting. Students are able to prepare drawings for manufacturing and fabrication. The ANSI (American National Standards Institute) and the ASME (American Society of Mechanical Engineers) drafting and design standards will be taught and reinforced as students prepare drawings in both 2D and 3D using AutoCAD, CADKey, and Mastercam applications software. Throughout this course of study, students will be required to use sketches, notes, technical literature, and personal research to complete assignments. Students may take related credits in the trade areas of building, manufacturing, engineering, welding, and surveying.

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
Required Courses:			
# Comm 100 **or**	Fundamentals of Oral Communication **or**		
Comm 110 **or**	Interpersonal Communication **or**		
Comm 101	Basic Speech Communication		5
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 and	Introduction to AutoCAD and	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 and	Drafting Fundamentals and	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 102 **or**	Descriptive Geometry **or**	(7)	
D T 102.1 and	Descriptive Geometry and	(4)	
D T 102.2	Machine Drafting 2	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 131	Mechanical Drafting-CADD		7
D T 135	3D CADD/CAM		7
D T 151	Technical Illustration		7
# D T 231	Mechanical Design (CADD)		7
D T 236 **or**	Introduction to Inventor **or**		
D T 113	Solidworks 1		4
# Engl 102 **or**	Practical College Writing **or**		
Engl 113	Research Writing: Science, Engineering & Business		5
# Math 116T **or**	Technical Math 2 **or**		
Math 104 **or**	Pre-Calculus 2 **or**		
Math 124	Calculus & Analytic Geometry 1		5
Phys 110 **or**	Introduction to College Physics **or**		
Phys 201	Physics for Science & Engineering		5
Three credits from the following courses:			**3**
Carp	Any Carpentry shop/lab course	(1-4)	
Indus 102.1	Welding Survey 1	(3)	
Indus 103	Manufacturing Processes	(4)	
Mach/Mfg	Any Machining/Manufacturing shop/lab course	(1-4)	
Weld	Any Welding shop/lab course	(1-4)	
Four credits from the following courses:			**4**
Carp 148	Material Estimating	(5)	
G E 112	Statics	(5)	
I E 189	Basic Metallurgy	(4)	
I E 204	Statics & Strengths	(5)	
Elective Courses: Additionally, complete 28 credits from the following list:			**28**
Bus 164	Entrepreneurship & Small Business Management	(5)	
D T 110	Introduction to AutoCAD	(4)	
D T 113	Solidworks 1	(4)	
D T 115	Geometric Dimensioning & Tolerancing	(4)	
D T 125	Civil Drafting 1	(5)	
D T 141	Architectural Drafting 1	(5)	
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
D T 161	Electrical-Electronic Drafting (CADD)	(5)	
D T 200	ADDA Certification	(2)	
D T 210	Advanced AutoCAD Development 1	(4)	
D T 225	Civil Drafting 2	(4)	
D T 232	Drafting & Design Projects (CADD)	(7)	
D T 236	Introduction to Inventor	(4)	
D T 237	Advanced 3D CADD/CAM	(4)	
D T 241	Architectural Drafting 2	(4)	
D T 261	Printed Circuit Board Design (CADD)	(4)	
GIS 121	Introduction to GIS	(5)	
GIS 260	Cartography-Based GIS	(5)	
I E 114	CATIA-2D	(4)	
I E 210	CATIA-Modeling	(7)	
I E 214	CATIA-Solids	(5)	
I E 215	CATIA-3D Surfacing	(4)	
Natrs 181	Forest Navigation & Mapping	(8)	
A maximum of 8 credits from the following courses:			**8**
Carp 148	Material Estimating	(4)	
G E 106	Introduction to Engineering Problems	(3)	
G E 112	Statics	(5)	
I E 189	Basic Metallurgy	(4)	
I E 204	Statics & Strengths	(5)	
A maximum of 8 credits from the following courses:			**8**
Carp	Any Carpentry shop/lab course	(1-8)	
Indus	Any Industry shop/lab course	(1-8)	
Mfg	Any Manufacturing shop/lab course	(1-8)	
Weld	Any Welding shop/lab course	(1-8)	
A maximum of 13 credits from the following courses:			**13**
Coop 171	Work Experience Seminar	(1)	
D T 175	Drafting Work Experience	(4-12)	
D T 177-179	Drafting Work Experience 1-3	(3 ea)	
D T 180-182	Leadership Skills 1-3	(1 ea)	
D T 199 or 299	Independent Study	(1-5 ea)	
D T 277-279	Drafting Work Experience 4-6	(3 ea)	
Tech 100	Careers for the New Millennium	(2)	
A maximum of 10 credits from the following courses:			**10**
Engl 100	Introductory Composition	(5)	
Engl 110	College Writing	(5)	
Math 117T	Technical Math 3	(5)	
Math 102	Pre-Calculus 1	(5)	
Math 124	Calculus & Analytic Geometry 1	(5)	
Math 125	Calculus & Analytic Geometry 2	(5)	

 # Satisfies related instruction requirements.

Note:
Courses used to satisfy "Required Courses" requirements may not be used to satisfy "Elective Courses" requirements.

Design Technology–
Construction Design Technology

Associate in Applied Science Degree
120 Credits

This degree program allows students to be employed by firms connected with the construction and building industry. Using board drafting techniques and computer-aided drafting, students will prepare drawings in both 2D and 3D. Throughout the program, industry-accepted drafting and design standards will be taught and reinforced. Students will be required to use sketches, notes, technical literature, and personal research to complete assignments. Students will complete related credits in the areas of construction and engineering.

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	Dept./No.	Course Title		Credits
	Required Courses:			
	Carp 151 **or** Carp 152	Understanding Building Code **or** International Building Code		3
#	Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication		5
	Coop 171	Work Experience Seminar		1
	D T 100 **or** D T 110 and D T 112	Introduction to CADD/CAM **or** Introduction to AutoCAD and Introduction to Keycreator	(7) (4) (4)	7-8
	D T 101 **or** D T 101.1 and D T 101.2	Technical Drafting **or** Drafting Fundamentals and Machine Drafting 1	(7) (4) (3)	7
	D T 102 **or** D T 102.1 and D T 102.2	Descriptive Geometry **or** Descriptive Geometry and Machine Drafting 2	(7) (4) (3)	7
	D T 105 **or** Tech 100	Design Drafting Careers **or** Careers for the New Millennium		2
	D T 125	Civil Drafting 1		5
	D T 131	Mechanical Drafting-CADD		7
	D T 141	Architectural Drafting 1		5
	D T 151 **or** Natrs 181	Technical Illustration **or** Forest Navigation & Mapping	(7) (8)	7-8
	D T 225	Civil Drafting 2		4
#	D T 231 **or**	Mechanical Design (CADD) **or** Three credits of the Human Relations Related Instructions requirement		3-7
	D T 240 **or** Bus 164	Electrical & Mechanical Building Systems **or** Entrepreneurship & Small Business Management		5
	D T 241	Architectural Drafting 2		4
#	Engl 102 **or** Engl 113	Practical College Writing **or** Research Writing: Science, Engineering & Business		5
	GIS 121	Introduction to GIS		7
	GIS 260	Cartography-Based GIS		5
	I E 204 **or** G E 112	Statics & Strengths **or** Statics		5
#	Math 116T **or** Math 104 **or** Math 124	Technical Math 2 **or** Pre-Calculus 2 **or** Calculus & Analytic Geometry 1		5
	Phys 110 **or** Phys 201	Introduction to College Physics **or** Physics for Science & Engineering		5

Completion of a minimum of two (2) classes from the following courses:

D T 142	REVIT Architecture 1	(4)
D T 145	Structural Drafting-Steel	(4)
D T 146	Structural Drafting-Concrete	(4)
D T 147	Structural Drafting-Wood	(4)

Electives: Students must choose from the following courses to total 120 credits:

Carp	Any Carpentry course	(4)
Carp 151	Understanding Building Code	(3)
Carp 152	International Building Code	(3)
D T 142	REVIT Architecture 1	(4)
D T 145	Structural Drafting-Steel	(4)
D T 146	Structural Drafting-Concrete	(4)
D T 147	Structural Drafting-Wood	(4)
D T 151	Technical Illustration	(7)
D T 175	Drafting Work Experience	(4-6)
D T 177-179	Drafting Work Experience 1-3	(3 ea)
D T 180-182	Leadership Skills 1-3	(1 ea)
D T 199 or 299	Independent Study	(1-5 ea)
D T 200	ADDA Certification	(2)
D T 231	Mechanical Design (CADD)	(7)
D T 210	Advanced AutoCAD Development 1	(4)
D T 277-279	Drafting Work Experience 4-6	(3 ea)
G E 106	Introduction to Engineering Problems	(3)
P E 113	Group Dynamics Activities	(1)

 # Satisfies related instruction requirements.

Design Technology–
Manufacturing Technology–CIM

Associate in Applied Science Degree
110 -113 Credits

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	Dept./No.	Course Title		Credits
	Required Courses			
	D T 100 **or** D T 110 **and** Bus E 150	Introduction to CADD/CAM **or** Introduction to AutoCAD **and** Introduction to Windows	(7) (4) (5)	7-9
	D T 101 **or** D T 101.1 and D T 101.2	Technical Drafting **or** Drafting Fundamentals and Machine Drafting 1	(7) (4) (3)	7
	D T 115	Geometric Dimensioning & Tolerancing		4
	D T 131	Mechanical Drafting (CADD)		7
	D T 135	3-D CADD/CAM		7
#	D T 231	Mechanical Design (CADD)		7
	I E 189	Basic Metallurgy		4
	Mfg 111	Measuring Systems & Quality Assurance, Level 1		3
	Mfg 112	Shop Safety & Production Procedures, Level 1		2
	Mfg 113	Cutting Tools & Workholding, Level 1		2
	Mfg 114	Manufacturing Planning & Processes, Level 1		1
	Mfg 115	Reading Engineering Drawings, Level 1		3
	Mfg 116	Manufacturing Careers & Management, Level 1		1
	Mfg 117	Conventional Milling, Level 1		2
	Mfg 118	Conventional Turning, Level 1		2
	Mfg 119	Precision Grinding, Level 1		2
	Mfg 121	Measuring Systems & Quality Assurance, Level 2		3

Mfg 141	CNC Systems, Level 1	2
Mfg 142	CNC Machining, Level 1	2
Mfg 143	CNC Turning, Level 1	2
Mfg 144	CAD/CAM Systems, Level 1	2
Mfg 155	Advanced Manufacturing Processes	1
Mfg 156	Review-Job Shadow, Level 1	1
Mfg 162	Applied Materials for Manufacturing	2
Mfg 164	Shop Math	2
# Math 116T **or** Math 104	Technical Mathematics 2 **or** Pre-Calculus 2	5
# Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
# Engl 102 **or** Engl 113	Practical College Writing **or** Research Writing: Science, Engineering & Business	5

Area of Emphasis: **17-18**

A. Machining Emphasis:
17 credits from suggested electives list below (17)

B. Design Drafting Emphasis: **(18)**

D T 180-182 **or**	Leadership Skills 1-3 **or** Three leadership credits from any course that satisfies the AAS Related Instruction requirement	(3)
D T 237	Advanced 3-D CADD/CAM and 11 credits from suggested electives list below	(4) (11)

Suggested Electives:

Mfg 122	Shop Safety & Production Procedures, Level 2	(2)
Mfg 123	Cutting Tools & Workholding, Level 2	(2)
Mfg 124	Manufacturing Planning & Processes, Level 2	(1)
Mfg 125	Reading Engineering Drawings, Level 2	(3)
Mfg 126	Manufacturing Careers & Management, Level 2	(1)
Mfg 127	Conventional Milling, Level 2	(2)
Mfg 128	Conventional Turning, Level 2	(2)
Mfg 129	Precision Grinding, Level 2	(2)
Mfg151	CNC Systems, Level 2	(2)
Mfg 152	CNC Machining, Level 2	(2)
Mfg 153	CNC Turning, Level 2	(2)
Mfg 154	CAD/CAM Systems, Level 2	(2)
Mfg 157	Review-Job Shadow, Level 2	(1)
Mfg 158	Review-Job Shadow, Level 3	(1)

 # Satisfies related instruction requirements.

Design Technology–
Mechanical Design Technology

Associate in Applied Science Degree
120 Credits

Mechanical designers and technicians assist engineers in industry and require a very broad technological background. Students will develop proficiency in board drawing and computer-aided drafting. Students are able to prepare drawings for manufacturing and fabrication. The ANSI (American National Standards Institute) and the ASME (American Society of Mechanical Engineers) drafting and design standards will be taught and reinforced as students prepare drawings in both 2D and 3D using AutoCAD, CADkey, and Mastercam applications software. Throughout this course of study, students will be required to use sketches, notes, technical literature, and personal research to complete assignments. Students will complete related credits in the areas of manufacturing and engineering.

For the Mechanical Design Technology–AAS-T degree, see page 50.

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Dept./No.	Course Title		Credits
# Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication		5
D T 100 **or** D T 110 **and** D T 112	Introduction to CADD/CAM **or** Introduction to AutoCAD **and** Introduction to Keycreator	(7) (4) (4)	7-8
D T 101 **or** D T 101.1 **and** D T 101.2	Technical Drafting **or** Drafting Fundamentals **and** Machine Drafting 1	(7) (4) (3)	7
D T 102 **or** D T 102.1 **and** D T 102.2	Descriptive Geometry **or** Descriptive Geometry **and** Machine Drafting 2	(7) (4) (3)	7
D T 105 **or** Tech 100	Design Drafting Careers **or** Careers for the New Millennium		2
D T 115	Geometric Dimensioning & Tolerancing		4
D T 131	Mechanical Drafting (CADD)		7
D T 135	3D CADD/CAM		7
D T 151	Technical Illustration		7
D T 145	Structural Drafting-Steel		5
D T 231	Mechanical Design (CADD)		7
D T 232	Drafting & Design Projects (CADD)		7
D T 236 **or** D T 113	Introduction to Inventor **or** Solidworks 1		4
D T 237	Advanced 3D CADD/CAM		4
# Engl 102 **or** Engl 113	Practical College Writing **or** Research Writing: Science, Engineering & Business		5
I E 189	Basic Metallurgy		4
I E 204 **or** G E 112	Statics & Strengths **or** Statics		5
Phys 110 **or** Phys 201	Introduction to College Physics **or** Physics for Science & Engineering		5
# Ten credits from the following Math courses:			**10**
Math 102	Pre-Calculus 1	(5)	
Math 104	Pre-Calculus 2	(5)	
Math 116T	Technical Math 2	(5)	
Math 117T	Technical Math 3	(5)	
Math 124	Calculus & Analytic Geometry 1	(5)	
Math 125	Calculus & Analytic Geometry 2	(5)	

Electives: Students must choose from the following courses to total 120 credits:

Coop 171	Work Experience Seminar	(1)
D T 113	Solidworks 1	(4)
D T 161	Electrical & Electronic Drafting	(5)
D T 175	Drafting Work Experience	(4-6)
D T 177-179	Drafting Work Experience 1-3	(3 ea)
D T 180-182	Leadership Skills 1-3	(1 ea)
D T 199 or 299	Independent Study	(1-5 ea)
D T 200	ADDA Certification Preparation	(2)
D T 210	Advanced AutoCAD Development 1	(4)
D T 236	Introduction to Inventor	(4)
D T 277-279	Drafting Work Experience 4-6	(3 ea)
G E 106	Introduction to Engineering Problems	(3)
Indus 102.1	Welding Survey 1	(3)
Mfg	Any Manufacturing classes	(10)

 # Satisfies related instruction requirements.

Design Technology–
Architectural, Structural & Civil Drafting

Certificate of Proficiency
74 Credits

This certificate program develops entry-level skills in preparing detail drawings, using board drafting skills and computer-aided drafting skills, from sketches, notes, specifications and technical data furnished by architects, engineers, surveyors, builders, and firms connected with the construction and building industry. Students completing this program may enter into the following Associate of Applied Science degree programs—Construction Design Technology and Design Drafting Technology.

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Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
# Comm 100 **or**	Fundamentals of Oral Communication **or**		
Comm 110 **or**	Interpersonal Communication **or**		
Comm 101	Basic Speech Communication		5
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 102 **or**	Descriptive Geometry **or**	(7)	
D T 102.1 **and**	Descriptive Geometry **and**	(4)	
D T 102.2	Machine Drafting 2	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 125	Civil Drafting 1		5
D T 131	Mechanical Drafting (CADD)		7
D T 141	Architectural Drafting 1		5
D T 142 **or**	REVIT Architecture 1 **or**		
D T 145 **or**	Structural Drafting-Steel **or**		
D T 146 **or**	Structural Drafting-Concrete **or**		
D T 147	Structural Drafting-Wood		4
# D T 231	Mechanical Design (CADD) or Three credits of the Human Relations Related Instruction requirement		3-7
D T 241 **or**	Architectural Drafting 2 **or**		
D T 225	Civil Drafting 2		4
# Engl 102 **or**	Practical College Writing **or**		
Engl 113	Research Writing: Science, Engineering & Business		5
# Math 116T **or**	Technical Math 2 **or**		
Math 104 **or**	Pre-Calculus 2 **or**		
Math 124	Calculus & Analytic Geometry 1		5
Electives: Students may choose from the following courses to total 74 credits:			
Carp	Any Carpentry course(s) (Except Carp 146, Blueprint Reading)	(1-8)	
Coop 171	Work Experience Seminar	(1)	
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
D T 151	Technical Illustration	(7)	
D T 161	Electrical & Electronic Drafting (CADD)	(5)	
D T 177	Drafting Work Experience 1	(3)	
D T 180-181	Leadership Skills 1-2	(1 ea)	
D T 199 or 299	Independent Study	(1-5 ea)	
D T 200	ADDA Certification	(2)	
D T 210	Advanced AutoCAD Development 1	(4)	
D T 225	Civil Drafting 2	(4)	
D T 231	Mechanical Design (CADD)	(7)	
D T 241	Architectural Drafting 2	(4)	
G E 106	Introduction to Engineering Problems	(3)	
GIS 121	Introduction to GIS	(5)	
GIS 260	Cartography-Based GIS	(5)	
I E 204 **or**	Statics & Strengths **or**	(5)	
G E 112	Statics	(5)	

 # Satisfies related instruction requirements.

Design Technology–
Architectural Drafting Proficiency

Certificate of Proficiency
39-42 Credits

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
D T 100 **or**	Introduction to CADD/CAM **or**		(7)
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 131	Mechanical Drafting (CADD)		7
D T 141	Architectural Drafting 1		5
D T 241	Architectural Drafting 2		4
Complete a minimum of 2 classes from the following courses:			**7-9**
Carp 148	Material Estimating	(4)	
Carp 151	Understanding Building Code	(3)	
Carp 152	International Building Code	(3)	
D T 125	Civil Drafting 1	(5)	
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
D T 225	Civil Drafting 2	(4)	

Design Technology–Civil Drafting Proficiency

Certificate of Proficiency 40-42 Credits

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 131	Mechanical Drafting (CADD)		7
D T 125	Civil Drafting 1		5
D T 225	Civil Drafting 2		4
Complete a minimum of 2 classes from the following courses:			**8-9**
D T 141	Architectural Drafting 1	(5)	
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting- Wood	(4)	
D T 241	Architectural Drafting 2	(4)	

Design Technology–Drafting Proficiency

Certificate of Proficiency 39-44 Credits

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
D T 100 **or**	Introduction to CADD/CAM **or**		(7)
D T 110 **and**	Introduction to AutoCAD **and**		(4)
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 102 **or**	Descriptive Geometry **or**	(7)	
D T 102.1 **and**	Descriptive Geometry **and**	(4)	
D T 102.2	Machine Drafting 2	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 131	Mechanical Drafting (CADD)		7
Complete a minimum of nine (9) credits but no more than 13 credits from the following courses:			
D T 113	Solidworks 1	(4)	
D T 125	Civil Drafting 1	(5)	
D T 135	3D CADD/CAM	(7)	
D T 141	Architectural Drafting 1	(5)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
D T 151	Technical Illustration	(7)	
D T 161	Electrical-Electronic Drafting (CADD)	(5)	
D T 225	Civil Drafting 2	(4)	
D T 231	Mechanical Design (CADD)	(7)	
D T 232	Drafting & Design Projects (CADD)	(7)	
D T 236	Introduction to Inventor	(4)	
D T 237	Advanced 3D CADD/CAM	(4)	
D T 241	Architectural Drafting 2	(4)	
D T 255	Civil Drafting 2	(4)	
D T 261	Printed Circuit Board Design (CADD)	(4)	
I E 114	CATIA-2D	(4)	
I E 210	CATIA-Modeling	(7)	
I E 214	CATIA-Solids	(5)	
I E 215	CATIA-3D Surfacing	(4)	

Design Technology–Mechanical 3D CAD

Certificate of Proficiency 43-44 Credits

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 131	Mechanical Drafting (CADD)		7
D T 135	3D CADD/CAM		7
D T 231	Mechanical Design (CADD)		7
D T 236 **or**	Introduction to Inventor **or**		
D T 113	Solidworks 1		4
D T 237	Advanced 3D CADD/CAM		4

Design Technology–Mechanical CAD Proficiency

Certificate of Proficiency 35-36 Credits

Contacts: Terry Waagan, ext. 4342 twaagan@greenriver.edu
Felix Serna, ext. 4321 fserna@greenriver.edu

Dept./No.	Course Title		Credits
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(3)	7
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 131	Mechanical Drafting (CADD)		7
D T 135	3D CADD/CAM		7
D T 231	Mechanical Design (CADD)		7

Design Technology–Mechanical Drafting

Certificate
74 Credits

This certificate program develops entry-level board drafting and computer-aided drafting skills in mechanical drafting and design. The ANSI (American National Standards Institute) and the ASME (American Society of Mechanical Engineers) drafting and design standards will be taught and reinforced as students prepare working 2D and 3D drawings of objects for fabrication with AutoCAD, CAD key, and Mastercam application software. Throughout this course of study, students will be required to use sketches, notes, technical literature, and personal research to complete assignments. Students completing this program may enter into one of three Associate of Applied Science degree programs: Design Drafting Technology, Mechanical Design Technology, or Manufacturing Technology-CIM.

Contacts: Terry Waagan, ext. 4342, twaagan@greenriver.edu; Felix Serna, ext. 4321, fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
# Comm 100 **or**	Fundamentals of Oral Communication **or**		
Comm 110 **or**	Interpersonal Communication **or**		
Comm 101	Basic Speech Communication		5
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 102 **or**	Descriptive Geometry **or**	(7)	
D T 102.1 **and**	Descriptive Geometry **and**	(4)	
D T 102.2	Machine Drafting 2	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 115	Geometric Dimensioning & Tolerancing		4
D T 131	Mechanical Drafting (CADD)		7
D T 135	3D CADD/CAM		7
# D T 231	Mechanical Design (CADD)		7
D T 236 **or**	Introduction to Inventor **or**		
D T 113	Solidworks 1		4
D T 237	Advanced 3D CADD/CAM		4
# Engl 102 **or**	Practical College Writing **or**		
Engl 113	Research Writing: Science, Engineering & Business		5
Mfg 111 **and**	Measuring Systems and Quality Assurance Level 1 **and**		
Mfg 114 **or**	Manufacturing Planning and Processes Level 1 **or**		
Mfg 111 **and**	Measuring Systems and Quality Assurance Level 1 **and**		
Mfg 155	Advanced Manufacturing Processes		3-4
# Math 116T **or**	Technical Math 2 **or**		
Math 104 **or**	Pre-Calculus 2 **or**		
Math 124	Calculus & Analytic Geometry 1		5

Electives: Students must choose from the following to total 74 credits:		
Coop 171	Work Experience Seminar	(1)
D T 113	Solidworks 1	(4)
D T 161	Electrical & Electronic Drafting (CADD)	(5)
D T 177	Drafting Work Experience 1	(3)
D T 180-181	Leadership Skills 1-2	(1 ea)
D T 199 or 299	Independent Study	(1-5)
D T 200	ADDA Certification	(2)
D T 210	Advanced AutoCAD Development 1	(4)
D T 232	Drafting & Design Projects (CADD)	(7)
D T 236	Introduction to Inventor	(4)
D T 237	Advanced 3D CADD/CAM	(4)
D T 261	Printed Circuit Board Design (CAD)	(4)
D T 277-279	Drafting Work Experience 4-6	(3 ea)
G E 106	Introduction to Engineering Problems	(3)
I E 204 **or**	Statics & Strengths **or**	(5)
G E 112	Statics	(5)

 # Satisfies related instruction requirements.

Design Technology–Structural Drafting

Certificate of Proficiency
38-42 Credits

Contacts: Terry Waagan, ext. 4342, twaagan@greenriver.edu; Felix Serna, ext. 4321, fserna@greenriver.edu

Dept./No.	Course Title		Credits
Core Requirements:			
D T 100 **or**	Introduction to CADD/CAM **or**	(7)	
D T 110 **and**	Introduction to AutoCAD **and**	(4)	
D T 112	Introduction to Keycreator	(4)	7-8
D T 101 **or**	Technical Drafting **or**	(7)	
D T 101.1 **and**	Drafting Fundamentals **and**	(4)	
D T 101.2	Machine Drafting 1	(3)	7
D T 105 **or**	Design Drafting Careers **or**		
Tech 100	Careers for the New Millennium		2
D T 131	Mechanical Drafting (CADD)		7
Complete a minimum of two (2) classes from the following courses:			**8**
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
Complete a minimum of two (2) classes from the following courses:			**7-10**
Carp 151	Understanding Building Code	(3)	
Carp 152	International Building Code	(3)	
D T 125	Civil Drafting 1	(5)	
D T 141	Architectural Drafting 1	(5)	
D T 142	REVIT Architecture 1	(4)	
D T 145	Structural Drafting-Steel	(4)	
D T 146	Structural Drafting-Concrete	(4)	
D T 147	Structural Drafting-Wood	(4)	
D T 225	Civil Drafting 2	(4)	
D T 241	Architectural Drafting 2	(4)	

Early Childhood Education

Associate in Applied Arts Degree
100-104 Credits

This degree program prepares students for a career in Early Childhood Education. The completion of the degree or certificate program prepares graduates to seek employment in child care centers, Head Start, family child care homes, cooperative and private preschools, children's homes, institutions and other programs serving children from birth through 8 years of age. This curriculum provides meaningful instruction for parents, foster parents and persons working with young children as instructional aides or paraeducators. Cultural relevancy is integrated into each course.

A second option is available for those students who intend to transfer to a four-year institution and complete a bachelor's degree in Early Childhood or Elementary Education. Students should consult with their advisor to match course selection with transfer institution requirements.

Students may specialize in one or more areas of emphasis and may enter this program at the beginning of any quarter.

Contacts: Diana Holz, ext. 4334 dholz@greenriver.edu; Leslie Kessler, ext. 4555 lkessler@greenriver.edu

	Dept./No.	Course Title	Credits
#	B A 145 **or** Bus E 110	Business Computation **or** Business Math Applications or any Acomp 100 or Math course 100 or above	3-5
	Comm 110 **or** Comm 101	Interpersonal Communication **or** Basic Speech Communication	5
	ECE 101	Introduction to Early Childhood Education	5
#	ECE 103	Early Childhood Education Practicum 1	3
#	ECE 104	Early Childhood Education Practicum 2	3
	ECE 175	Music & Movement Activities	3
	ECE 205	Learning Environments	3
#	ECE 214	Early Childhood Education Practicum 3	3
#	ECE 215	Early Childhood Education Practicum 4	3
	ECE 225	Early Identification/Intervention, Birth to Five	3
	ECE 235	Interaction Skills	3
	ECE 250	Early Childhood Education Practicum	5
	Edec 102	Computers in Education	3
	Edec 110 **or** Edec 110.1 **and** Edec 110.2	Child Development **or** Child Development **and** Child Development	5
	Edec 115	Issues & Trends	3
	Edec 130	Guidance & Discipline	3
	Edec 140	Health, Safety & Nutrition	3
	Edec 150	Multicultural Language Arts P-3	3
	Edec 155	Exploring Science & Math P-3	5
	Edec 160	Art for Children	3
	Edec 200	Curriculum Development in Literacy	2
	Edec 243	Creative Teaching of the Young Child	5
	Edu 240	Multicultural/Anti-Bias Issues in Education	3-5
#	Engl 110	College Writing	5

Electives or Areas of Specialization **15**

Any ECE, Edec, or Edu class numbered 100 or above. Students wishing to specialize in Montessori Education may take the Montessori practicum: ECE 181, 182, and 265 instead of ECE 103-104, and 214 and 215 for a total of 12 credits. Any combination of 181, 182, 265, 103, 104, 214, 215, and Edu 210 may be taken to satisfy practicum classes for this degree. Edu 210 may substitute for 103 and 104 (6 credits of practicum), or may be used as an elective.

 # Satisfies related instruction requirements.

Early Childhood Education Paraeducator

Associate in Applied Arts
108-110 Credits

Paraeducators are a valuable asset for teachers in providing support and assistance in instruction and other direct services to students, and in helping to ensure a positive, safe, and supportive learning community. Based on the Washington State Paraeducator standards, this program provides students with the training needed to work as effective members of instructional teams. Core competencies covered in this program prepare paraeducators to effectively support and extend instruction and services, thereby increasing student learning. These core competencies revolve around the areas of instructional strategies, behavior management, and human growth and development. The coursework is offered partially online as well as in the classroom, drawing on the expertise of local professionals and schools.

Through advising, the student can match their practicum placements and a portion of their course work to Early Childhood, Elementary or Secondary Education with an emphasis in Special Education, ESOL classrooms, and other specialized populations.

This is a dual-purpose degree program that is intended to prepare students for employment as paraeducators with transfer options to specific baccalaureate degree programs.* Students who wish to explore other transfer options in Teacher Education should contact Project TEACH, a pre-service teacher preparation program designed to provide future teachers with a seamless pathway to a teaching career through partnership with local schools. Project TEACH provides classes designed specifically for future K-12 teachers.

Contacts: Diana Holz, ext. 4334 dholz@greenriver.edu; Leslie Kessler, ext. 4555 lkessler@greenriver.edu

	Dept./No.	Course Title		Credits
	Basic Skills Requirements			
#	Engl 110	College Writing		5
	# Select one 5-credit course from the following:			5
	Math 102	Pre-Calculus 1	(5)	
	Math 107	Contemporary Math	(5)	
	Math 156	Finite Math for Business & Social Science	(5)	
	Math 157	Calculus for Business & Social Science	(5)	
	Math 170	Number Theory for Elementary Teachers	(5)	
	Humanities/Fine Arts			
	Art 100	Introduction to Art		5
	Comm 110 **or** Comm 101	Interpersonal Communication **or** Basic Speech Communication		5
	Music 100	Music Survey		5
	Social Science			
	Anthr 100 **or** Anthr 202	Introduction to Anthropology **or** Principles of Sociocultural Anthropology		5
	Psych 100	General Psychology		5
	Soc 110	Survey of Sociology		5
	Natural Science			
	Biol 100	Introductory Biology		5
	Geol 101	Physical Geology		5

Health Education		
HI Ed 150	Total Wellness	5
Program Core (58-60 credits)		
ECE 101 **or** Edu 170	Introduction to Early Childhood Education **or** Introduction to Education	5
Edec 102	Computers in Education	3
Edec 110	Child Development	5
Edec 130	Guidance & Discipline	3
Edec 140	Health, Safety & Nutrition	3
Edec 160	Art for Children	3
Edec 190	The Role of the Paraeducator	2
Edec 193	The Exceptional Child	3
Edec 194	Special Topics	1
Edec 195	Special Topics: Alcohol & Drug Awareness	1
Edec 196	Special Topics: Test Administration & Scoring	1
Edec 200	Curriculum Development in Literacy	2
Edec 245	Challenging Behaviors in Young Children	2
Edec 293	Issues of Child Abuse	2
Edec 294	Special Topics: Supervision & Staff Management	3
Edec 295	Special Topics: Children's Theatre	5
Edu 210	Assisting Practicum	6
Edu 240	Multicultural/Anti-Bias Issues in Education	3-5

 # Satisfies related instruction requirements.

Note:
1. *You must consult with an appropriate advisor to obtain information on specific requirements of the receiving baccalaureate institution.*
2. *Some courses may have prerequisites. See course catalog for descriptions.*

Early Childhood Education

Certificate of Proficiency
44 Credits

This certificate program is for students wishing to study young children. It can be used as an entry-level training or as a specialization in areas of infant/toddler care, preschool, before and after school care, or center management.

Contacts: Diana Holz, ext. 4334 dholz@greenriver.edu
Leslie Kessler, ext. 4555 lkessler@greenriver.edu

Dept./No.	Course Title	Credits
Students must choose from the following courses to total 44 credits:		
ECE 101	Introduction to Early Childhood Education	5
# ECE 103	Early Childhood Education Practicum 1	3
# ECE 104	Early Childhood Education Practicum 2	3
Edec 102	Computers in Education	3
Edec 110 **or** Edec 110.1 **and** Edec 110.2	Child Development **or** Child Development **and** Child Development	5
Edec 130	Guidance & Discipline	3
Edec 140	Health, Safety & Nutrition	3
Edu 240	Multicultural/Anti Bias Issues in Education	3-5
Electives or Areas of Specialization		**14-16**

Any ECE, Edec or Edu class numbered 100 or above

Areas of Specialization include:
- Child Development Associates (CDA)
- Montessori Teaching
- Infant/Toddler Care Giving
- Center Management
- School-age Programs
- Family Child Care

Early Childhood Education– Early Childhood Assistant Teacher

Certificate of Proficiency
27 Credits

This certificate program is an introduction to early learning including methods of interacting with young children in the areas of art, music and movement. This certificate also prepares students to assume the role of a teacher's aide. Students are trained in the basic child care techniques of child development, health and safety, and guidance and discipline.

Contacts: Diana Holz, ext. 4334 dholz@greenriver.edu
Leslie Kessler, ext. 4555 lkessler@greenriver.edu

Dept./No.	Course Title	Credits
ECE 100	Basic STARS Training	2
ECE 101	Introduction to Early Childhood Education	5
ECE 103	Early Childhood Education Practicum 1	3
ECE 175	Music & Movement Activities	3
Edec 110 **or** Edec 110.1 **and** Edec 110.2	Child Development **or** Child Development **and** Child Development	5
Edec 130	Guidance & Discipline	3
Edec 140	Health, Safety & Nutrition	3
Edec 160	Art for Children	3

Early Childhood Education– Child Development Associate Preparation (CDA)

Certificate of Proficiency
12 Credits

Students who successfully complete this certificate with a minimum grade of 2.0 in each class are eligible to apply to take the CDA examination, which leads to a nationally recognized CDA credential. The Child Development Associate (CDA) National Credentialing Program focuses on the skills of early care and education professionals. It is designed to provide performance-based training, assessment, and credentialing of childcare staff, home visitors, and family child care providers.

Contacts: Diana Holz, ext. 4334 dholz@greenriver.edu
Leslie Kessler, ext. 4555 lkessler@greenriver.edu

Dept./No.	Course Title	Credits
ECE 120	Introduction to CDA	3
ECE 190	CDA Course Content	3
ECE 200	CDA Work Ethics	3
ECE 260	CDA Resource File	3

Early Childhood Education–Instructional Aide

Certificate of Proficiency
43-44 Credits

This certificate program prepares students for positions in both public and private school classrooms. Based on the Washington State Paraeducator standards, the certificate provides students training needed to work as effective members of instructional teams. Core competencies covered in this program prepare instructional aides to effectively support and extend instruction and services, thereby increasing student learning. These core competencies revolve around the areas of instructional strategies, behavior management, and human growth and development. The coursework is offered partially online as well as in the classroom, drawing on the expertise of local professionals and schools.

Contacts: Diana Holz, ext. 4334, dholz@greenriver.edu; Leslie Kessler, ext. 4555, lkessler@greenriver.edu

Dept./No.	Course Title	Credits
Students must choose from the following courses to total 43-44 credits:		
ECE 101 **or** Edu 170	Introduction to Early Childhood Education **or** Introduction to Education	5
Edec 102	Computers in Education	3
Edec 110 **or** Edec 110.1 **and** Edec 110.2	Child Development **or** (5) Child Development **and** (3) Child Development (2)	5
Edec 130	Guidance & Discipline	3
Edec 140	Health, Safety & Nutrition	3
Edec 160	Art for Children	3
Edec 190	The Role of the Paraeducator	2
Edec 193	The Exceptional Child	3
Edec 194	Special Topics	1-2
Edec 195	Special Topics–Alcohol & Drug Awareness	1
Edec 196	Special Topics–Test Administration & Scoring	1
Edec 200	Curriculum Development in Literacy	2
Edec 293	Issues of Child Abuse	2
Edu 210	Assisting Practicum	6
Edu 240	Multicultural/Anti-Bias Issues in Education	3-5

Early Childhood Education–Montessori Teaching

Certificate of Proficiency
34 Credits

Contacts: Diana Holz, ext. 4334, dholz@greenriver.edu; Leslie Kessler, ext. 4555, lkessler@greenriver.edu

Dept./No.	Course Title	Credits
Students must choose from the following courses to total 34 credits:		
ECE 181	Montessori Practicum 1	4
ECE 182	Montessori Practicum 2	4
ECE 211	Introduction to Montessori	4
ECE 212	Montessori 2	4
ECE 213	Montessori 3	4
ECE 265	Supervised Montessori Teaching	4
Edec 110	Child Development	5
Edec 294	Special Topics: Montessori	5

Forensic Technology

Associate in Applied Science Degree
113-114 Credits

This degree program answers the need for trained individuals who wish to gain employment in areas such as police support, crime scene investigations, fingerprint and trace evidence examination. Forensics or criminalistics is concerned with the recognition, identification, individualization, and evaluation of physical evidence using the methods of the natural sciences. Some of the major areas of this specialty include: forensic medicine, toxicology, serology, anthropology, odontology, trace evidence (hair, fibers, glass, etc.), documentary evidence, ballistics, explosives, accelerates, and fingerprint examination.

This degree will help prepare students to enter the field of criminalistics or to transfer to a four-year institution to continue their education. Those interested in transferring to a four-year institution should consider this degree as it also satisfies the requirement of the Associate in Arts degree.

Contact: Ron Riley, ext. 4387, rriley@greenriver.edu

Dept./No.	Course Title	Credits
AP 103	Essentials of Human Anatomy-Physiology 1	5
AP 104	Essentials of Human Anatomy-Physiology 2	5
Anthr 201	Biological Anthropology	5
Biol 100	Introductory Biology	5
# Comm 110	Interpersonal Communication	5
# Comm 101	Basic Speech Communication	5
# Engl 110	College Writing	5
Engl 111 **or** Engl 112 **or** Engl 113	Writing: Humanities **or** Writing: Social Science & Business **or** Research Writing: Science, Engineering & Business	5
# Math 107	Contemporary Math or any college level math class	5
P E 101 **or** P E 102 **or** P E 103 **or** P E 111 **or** P E 131 **or** P E 149 **or** P E 160 **or** P E 165	Physical Fitness Lab **or** Jogging **or** Total Physical Fitness **or** Aerobic Walking **or** Weight Training **or** CORE Training for Health **or** Exercise & Nutrition **or** Exercise & Health	2-3
P E 113	Group Dynamics Activities	1
Phil 115 **or** Phil 160	Reasoning in Everyday Life **or** Introduction to the Philosophy of Science	5
Photo 101	Beginning Black & White Photography	5
Photo 104	Beginning Digital Photography	5
Psych 100	General Psychology	5
Psych 250	Abnormal Psychology	5
Required core classes: (25 credits)		
Anthr 265	Forensic Anthropology	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 115	Fingerprint Science	5
CRJ 200	Individual Rights in Criminal Justice	5
CRJ 205 **or** CRJ 255	Criminal Evidence **or** Forensics: An Introduction to Criminalistics	5
Electives: Select any three classes (15 credits maximum)		**15**
Bus E 140	Records Management (5)	
Bus E 250	Office Administration (5)	
CRJ 215	Criminology (5)	

CRJ 177 and Coop 171	Cooperative Education and Work Experience Seminar	(5) (1)
CRJ 220	Multicultural Diversity in Criminal Justice	(5)
CRJ 225	Criminal Law	(5)
CRJ 230	Corrections	(5)
CRJ 240	Community-Oriented Policing	(5)
CRJ 294	Special Topics: Criminal Justice	(5)
CRJ 299	Independent Study-Criminal Justice	(5)
Psych 209	Fundamentals of Psychological Research	(5)
Soc 245	Juvenile Delinquency	(5)

 # Satisfies related instruction requirements.

Note:
Students must attain a grade of 2.0 or above in all CRJ classes.

Forensic Technology– Forensic & Fingerprint Technology

Certificate of Proficiency
40 Credits

Green River Community College is one of the few institutions that offer training to become a Fingerprint Technician. This short-term certificate can be completed in just two quarters and includes training in the new Automatic Fingerprint Identification System (AFIS), classification, evidence presentation, court testimony preparation and basic job skill preparation. Students who earn the certificate are afforded great opportunity for immediate employment with local law enforcement agencies.

Contact: Colleen McIntyre, ext. 4387
cmcintyre@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 140	Records Management	5
Bus E 250	Office Administration	5
CRJ 100	Introduction to Criminal Justice	5
CRJ 115	Fingerprint Science	5
CRJ 200	Individual Rights in Criminal Justice	5
CRJ 205 **or** CRJ 255	Criminal Evidence **or** Forensics Science: An Introduction to Criminalistics	5
Engl 110	College Writing	5
Photo 104	Beginning Digital Photography	5
To enhance the student's preparation for future employment, the following are recommended:		
Bus E 100	Fundamentals of Microcomputers	5
CRJ 177-179 **and** Coop 171	Cooperative Education **and** Work Experience Seminar	1-5 1

Note:
Students must attain a grade of 2.0 or above in all classes.

Fundamentals of Caregiving Introduction to Health Occupations

Certificate of Proficiency
12 Credits

Students learn the essential skills necessary for becoming an entry level health care and human services provider which include basic workplace skills and ethics, responsibilities of a care provider, communication skills, patient rights and confidentiality. Students are also instructed in general patient and workplace safety rules. Students earn CPR and Basic First Aid certificates, HIV/AIDS Certificate and Fundamentals of Caregiving Certificate with completion of the course. Students are provided mock hands-on, supervised experience in patient/client related tasks. Seminar portion teaches students the essentials of resume writing and job interviewing.

Note: This certificate does not qualify for federal financial aid or VA funding.

Contact: Leslie Kessler, ext. 4555
lkessler@greenriver.edu

Dept./No.	Course Title	Credits
H Hsc 110	Fundamentals of Caregiving: Introduction to Health Occupations	12

Geographic Information Systems

Associate in Applied Science Degree
101-106 Credits

Geographic Information Systems (GIS) are software applications designed to support decision-making, site-selection, spatial analysis and cartography (map making). This technology is widely used by industry and government to support applications such as urban growth management, natural resources/conservation and utilities management.

The Geographic Information Systems program prepares students for employment as GIS technicians and analysts. Graduates are employed by a wide variety of government agencies, utilities, and private businesses that operate and maintain GIS facilities.

Contact: Sabah Jabbouri, ext. 4854
sjabbouri@greenriver.edu

Dept./No.	Course Title	Credits
FIRST YEAR		
Fall Quarter		
GIS 102	Exploring GIS Spatial Technology	3
GIS 121	Introduction to GIS	5
# Math 115T **or** Math 102 **or** Math 116T **or** Math 156	Natural Resources Algebra-Trigonometry **or** Pre-Calculus 1 **or** Technical Math 2 **or** Finite Math for Business & Social Science	5
# Natrs 172	Computer Applications Overview	3
Winter Quarter		
# Engl 102 **or** Engl 110 **or** Engl 113	Practical College Writing **or** College Writing **or** Research Writing: Science, Engineering & Business	5
Geog 120 **or** Natrs 270	Intro to Physical Geography **or** Stream & Wetland Ecology	5

GIS 141	Spatial Statistics	3
GIS 260	Cartography Based-GIS	5
Spring Quarter		
Bus E 185	Intro to Microsoft Access	5
GIS 220	GIS Modules Analyst	5
Electives	Any course	5-10
SECOND YEAR		
Fall Quarter		
D T 110	Introduction to AutoCAD	4
GIS 250	Data & Spatial Database Design	5
Natrs 117	Aerial Photography Uses & Ground-Based Mapping	2
Electives	Any course	5
Winter Quarter		
Comm 110 **or** Comm 101	Interpersonal Communication **or** Basic Speech Communication	5
GIS 202	GIS Fundamentals & Theory	5
GIS 255	Intro to GIS Programming	5
GIS 291	GIS Project Planning	2
		17
Spring Quarter		
GIS 270	GIS in the Field	5
GIS 292	GIS Project	5
GIS 177-179 **and** Coop 171	GIS Work Experience **and** Work Experience Seminar	8 1

 # Satisfies related instruction requirements.

Geographic Information Systems

Certificate of Proficiency
43 Credits

This certificate program is an intensive nine to twelve month program. It is designed for anyone without GIS background who wants to pursue IS as a new career or for those pursuing GIS careers in government, industry, utilities, planning, municipal services, health or business. This program accepts new students each fall quarter. Students with previous GIS training and/or experience may be admitted beginning in winter or spring quarter.

Contact: Sabah Jabbouri, ext. 4854
sjabbouri@greenriver.edu

Dept./No.	Course Title	Credits
Fall Quarter		
GIS 102	Exploring GIS Spatial Technology	3
GIS 121	Introduction to Geographic Information System	5
GIS 250	Data & Spatial Data Design	5
Winter Quarter		
GIS 141	Spatial Statistics	3
GIS 202	GIS Fundamentals & Theory	5
GIS 260	Cartography Based-GIS	5
GIS 291	GIS Project Planning	2
Spring Quarter		
GIS 220	GIS Modules Analyst	5
GIS 270	GIS in the Field	5
GIS 292	GIS Project	5
To enhance student's preparation for employment, an internship is highly recommended:		
Natrs 117	Aerial Photo & Ground-Based Mapping	2
GIS 177-179 **and** Coop 171	GIS Work Experience **and** Work Experience Seminar	8 1

Information Technology (IT)

For the **Information Technology, Computer Support Specialist, Associate in Applied Science-Transfer** degree, see page 48.

For the **Information Technology, Information Assurance, Associate in Applied Science-Transfer** degree, see page 48.

For the **Information Technology, Networking, Associate in Applied Science-Transfer** degree, see page 49.

IT PC Repair Technician

Certificate of Proficiency
26 Credits

This certificate program prepares students for entry-level employment in the information technology industry as a computer service technician.

Computer service technicians, also called PC hardware technicians, install and configure hardware, operating systems, and applications on computers. They also diagnose and repair or resolve computer hardware and software problems, and perform preventive maintenance and basic networking tasks. They may also work on keyboards, monitors, printers, and mice.

This certificate program provides students with a broad introduction to computer science topics, including operating systems, Microsoft Office applications, networking, and the Internet.

The program has a strong emphasis on PC technical support, and includes hands-on training on hardware and software troubleshooting. In addition to technical knowledge and skills, this program teaches key customer service skills sought by employers. Students in this program also gain real-world help desk work experience.

Contacts: Alan Carter, ext. 4630
acarter@greenriver.edu
Gus Gomez, ext. 4309
ggomez@greenriver.edu

Dept./No.	Course Title	Credits
IT 101	Introduction to Computer Science	5
IT 110	PC Support Technician 1	5
IT 115	PC Support Technician 2	5
IT 140	Customer Service for IT Professionals	5
IT 171	IT Work Experience Seminar	1
IT 178	Help Desk Work Experience	5

IT Help Desk Support Technician

Certificate of Proficiency
44 Credits

This certificate program is designed to prepare students for entry-level employment as a help-desk technician or technical support specialist.

Help-desk technicians troubleshoot hardware, software, and operating system problems reported by end users, often over the telephone. Technical support specialists install, configure, update, troubleshoot, and repair computer hardware, software, operating systems, and peripheral devices.

Key topics in this certificate program include: PC support, networking, user support, and Microsoft Windows Server or Linux administration. In addition to technical knowledge and skills, this program focuses on the

key interpersonal communication skills sought by employers. Students in this program also gain real-world help desk work experience.

Contacts: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

Dept./No.	Course Title	Credits
Bus E 132	Business Communication Application	5
IT 101	Introduction to Computer Science	5
IT 110	PC Support Technician I	5
IT 115	PC Support Technician 2	5
IT 116 **or** Bus E 266	PC Support Technician 3 (Windows Applications) **or** Inside Microsoft Office	5
IT 130	Introduction to Networking	5
IT 140	Customer Service for IT Professionals	5
IT 160	Microsoft Windows (Current version) Server Implementation	5
IT 171	IT Work Experience Seminar	1
IT 178	Help Desk Work Experience	3

IT Information Assurance Technician

Certificate of Proficiency
59-64 Credits

This certificate program prepares students for entry-level employment as a computer security specialist or information assurance technician. It is also useful for established IT professionals who want to add the information assurance specialty to their credentials.

Information assurance is one of the fastest growing and most challenging specialty areas in information technology. Computer security specialists and information assurance technicians educate end users about security; implement security configurations, including hardening servers and client computers; monitor the network for attempted and actual security breaches; and respond to attacks.

Key topics in this certificate program include networking, network security, information assurance, and securing wireless networks. Students in this program also gain real-world network security work experience.

Contacts: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

Dept./No.	Course Title	Credits
Comm 110 **or** Comm 101 **or** Comm 234	Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
# Engl 110	College Writing	5
# Math **or** Math 102 **or** Math 107 **or** Math 156	Eligible for Math 104 **or** Pre-Calculus 1 **or** Contemporary Math **or** Finite Math for Business & Social Science	0-5
IT 130	Introduction to Networking	5
IT 135	Introduction to Network Security	5
# IT 140	Customer Service for IT Professionals	5
IT 160	Microsoft Windows (Current version) Server Implementation	5
IT 171	IT Work Experience Seminar	1
IT 179	Network Security Work Experience	3
IT 215	Information Assurance	5
IT 216	Implement Firewalls	5
IT 255	Patch Management	5
IT 280	Design & Implement Network Security	5
IT 285	Implement & Secure Wireless Networks	5

 # Satisfies related instruction requirements.

IT Network Technician

Certificate of Proficiency
51-56 Credits

The IT Network Technician certificate prepares students for entry-level employment as a network technician or systems administrator. It is also useful for established IT professionals who want to add the network technician specialty to their credentials.

Network technicians install, support, and maintain an organization's network infrastructure. They also troubleshoot problems and monitor the network to ensure that performance and availability standards are met. In addition, systems administrators may plan and implement network security.

Key topics in this certificate program include: networking, network security, managing Cisco routers and switches, administering Microsoft Windows Directory Services, and implementing and securing wireless networks. Students in this program also gain real-world network management work experience.

Contacts: Alan Carter, ext. 4630 acarter@greenriver.edu
Gus Gomez, ext. 4309 ggomez@greenriver.edu

Dept./No.	Course Title	Credits
Comm 110 **or** Comm 101 **or** Comm 234	Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
# Engl 110	College Writing	5
# Math **or** Math 102 **or** Math 107 **or** Math 156	Eligible for Math& 142 or higher **or** Pre-Calculus 1 **or** Contemporary Math **or** Finite Math for Business & Social Science	0-5
IT 130	Introduction to Networking	5
IT 132	Structured Cabling	2
IT 135	Introduction to Network Security	5
# IT 140	Customer Service for IT Professionals	5
IT 160	Microsoft Windows (Current version) Server Implementation	5
IT 171	IT Work Experience Seminar	1
IT 181	Network Management Work Experience	3
IT 210	Manage Cisco Routers and Switches	5
IT 240	Manage Microsoft Windows (Current version) Network Environment	5
IT 285	Implement & Secure Wireless Networks	5

 # Satisfies related instruction requirements.

Legal Administrative Assistant

Associate in Applied Arts Degree
96-103 Credits

This degree program provides students an opportunity to develop essential business skills in their area of interest as well as to offer a comprehensive general education. Placement in courses depends on prior education and experience. Students in this program must complete all required Bus E classes with a grade of 2.0 or higher. This program meets the college's related instruction requirements for the Associate in Applied Arts degree. Students may enter this program at the beginning of any quarter.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

	Dept./No.	Course Title	Credits
	Lifetime Fitness/ Wellness/Activity	Any course under the AA degree Lifetime Fitness/Wellness/Activity area	1+
	B A 200 **or** B A 205	Introduction to Law & Commerce **or** Business Law	5
	Bus E 100	Fundamentals of Microcomputers	5
*	Bus E 101	Beginning Typing/Keyboarding	5
*	Bus E 102	Intermediate Keyboarding	5
	Bus E 103	Advanced Keyboarding	5
	Bus E 109	Legal Terminology	3
#	Bus E 110	Business Math Applications	5
	Bus E 112	Beginning Word for Windows	5
	Bus E 121	Legal Machine Transcription 1	5
	Bus E 129	Legal Machine Transcription 2	5
#	Bus E 130	Business Correspondence	5
	Bus E 132	Business Communication Applications	5
	Bus E 140	Records Management	5
	Bus E 150	Introduction to Windows	5
	Bus E 177 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	3-5
	Bus E 201	Legal Production Keyboarding	5
	Bus E 235	Legal Office Procedures	4
#	Bus E 250	Office Administration	5
	Bus E 266	Inside Microsoft Office	5
#	Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
	Reading	Eligible for Read 104 (as determined by the appropriate COMPASS score) or completion of Read 094	0-5
	To enhance the student's preparation for future employment, we recommend the following:		
	B A 101 **or** Bus 164	Business, Government & Society **or** Entrepreneurship & Small Business Management	5
	B A 200 **or** B A 205	Introduction to Law & Commerce **or** Business Law	5
	Behsc 190	Stress Management	5
	Bus 166	Human Relations & Work Readiness	5
	Bus E 090 **or** B A 110 **or** B A 210	Office Accounting **or** Practical Financial Accounting **or** Financial Accounting 1	5
	Bus E 107 **and/or** Bus E 108	Typing Speed & Accuracy 1 **and/or** Typing Speed & Accuracy 2	4-8
	Bus E 111	Personal Computing	3
°	Bus E 115	Professional Image Building	1
	Bus E 119 **or** Bus E 119.1-119.7	MOS Core & Expert Certification Preparation **or** Prep Tests: Microsoft Access, Excel, PowerPoint or Word	1-7
	Bus E 162 **or** Bus E 163	Introduction to Excel **or** Advanced Excel	5
	Bus E 175	Instructor Assistant	1-5
†	Bus E 178-179	Business Education Work Experience	2-10
	Bus E 184	Internet & Basic Web Design	5
	Bus E 185	Introduction to Microsoft Access	5
	Bus E 214	Introduction to Information Security	5
	Bus E 255	Advanced Word	5
	Engl 105	Grammar & Usage	5
	Psych 100	General Psychology	5
	Soc 110	Survey of Sociology	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Co-op classes.

 # Satisfies related instruction requirements.

° Qualifies as AAA and AA-DTA activity credit

Note:
Students may choose the advanced computer applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112.

Medical Office Assistant

Associate in Applied Arts Degree
97-101 Credits

This degree program provides students an opportunity to develop essential business skills in their area of interest as well as to offer a comprehensive general education. Placement in courses depends on prior education and experience. Students in this program must complete all required Bus E classes with a grade of 2.0 or higher. This program meets the college's related instruction requirements for the Associate in Applied Arts degree. Students may enter this program at the beginning of any quarter.

Contact: Joyce Strain, ext. 4385
jstrain@greenriver.edu

	Dept./No.	Course Title	Credits
	Lifetime Fitness/ Wellness/Activity	Any course under the AA degree Lifetime Fitness/Wellness/Activity area	1+
	AP 100 **or** AP 102 **or** AP 103	Survey of Human Anatomy-Physiology **or** Bringing Anatomy-Physiology to Life **or** Essentials of Human Anatomy-Physiology 1	5
	Bus E 100	Fundamentals of Microcomputers	5
*	Bus E 101	Beginning Typing/Keyboarding	5
*	Bus E 102	Intermediate Keyboarding	5
	Bus E 103	Advanced Keyboarding	5
#	Bus E 110	Business Math Applications	5
	Bus E 112	Beginning Word for Windows	5
	Bus E 122	Medical Machine Transcription	5
#	Bus E 130	Business Correspondence	5
	Bus E 132	Business Communication Applications	5
	Bus E 140	Records Management	5
	Bus E 145	ICD Medical Coding	5
	Bus E 150	Introduction to Windows	5
	Bus E 177 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	3-5 1
	Bus E 202	Medical Production Keyboarding	5
	Bus E 245	Medical Office Procedures	5
#	Bus E 250	Office Administration	5
	Bus E 266	Inside Microsoft Office	5

#	Comm 100 **or** Comm 110 **or** Comm 101	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication	5
	Engl 108	Medical Terminology	2
	Reading	Eligible for Read 104 (as determined by the appropriate COMPASS score) or completion of Read 094	0-5
	To enhance the student's preparation for future employment, the following electives are recommended:		
	B A 101 **or** Bus 164	Business Government & Society **or** Entrepreneurship & Small Business Management	5
	Behsc 190	Stress Management	5
	Bus 166	Human Relations & Work Readiness	5
	Bus E 090 **or** B A 110 **or** B A 210	Office Accounting **or** Practical Financial Accounting **or** Financial Accounting 1	5
	Bus E 107 **and/or** Bus E 108	Typing Speed & Accuracy 1 **and/or** Typing Speed & Accuracy 2	4-8
	Bus E 111	Personal Computing	3
º	Bus E 115	Professional Image Building	1
	Bus E 119 **or** Bus E 119.1-119.7	MOS Core & Expert Certification Preparation **or** Prep Tests: Microsoft Access, Excel, PowerPoint or Word	1-7
	Bus E 123	Advanced Medical Machine Transcription	5
	Bus E 146	CPT Medical Coding	5
	Bus E 162 **or** Bus E 163	Introduction to Excel **or** Advanced Excel	5
	Bus E 175	Instructor Assistant	1-5
†	Bus E 178-179	Business Education Work Experience	2-10
	Bus E 184	Internet & Basic Web Design	5
	Bus E 185	Introduction to Microsoft Access	5
	Bus E 214	Introduction to Information Security	5
	Bus E 255	Advanced Word	5
	Engl 105	Grammar & Usage	5
	Psych 100	General Psychology	5
	Soc 110	Survey of Sociology	5

** Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

† Students may earn up to 10 credits through Cooperative Education classes.

 # Satisfies related instruction requirements.

º Qualifies as AAA and AA-DTA activity credit.

Note:
Students may choose the advanced computer applications course as an alternative to the introductory application course such as Bus E 255 in place of Bus E 112.

Medical Office Manager

Certificate of Proficiency
40 Credits

This certificate program is designed for students who have had previous business experience and will allow them to increase their ability to achieve the goal of medical office manager. Students in this program must complete all required classes with a grade of 2.0 or higher, and some prerequisites may be needed to enter the required classes. Students may enter this program at the beginning of any quarter.

Contacts: Julie Slettvet, ext. 4687 jslettvet@greenriver.edu; Joyce Strain, ext 4385 jstrain@greenriver.edu

Dept./No.	Course Title	Credits
B A 110	Practical Financial Accounting	5
Bus 166	Human Relations & Work Readiness	5
Bus E 130	Business Correspondence	5
Bus E 140	Records Management	5
Bus E 245	Medical Office Procedures	5
Bus E 250	Office Administration	5
Bus E 266	Inside Microsoft Office	5
Comm 110	Interpersonal Communication	5
To enhance the student's preparation for future employment, the following electives are recommended:		
AP 100 **or** AP 102	Survey of Human Anatomy-Physiology **or** Bringing Anatomy-Physiology to Life	5
Bus E 100	Fundamentals of Microcomputers	5
Bus E 110	Business Math Applications	5
Bus E 112	Beginning Word for Windows	5
Bus E 122	Medical Machine Transcription	5
Bus E 145	ICD Medical Coding	5
Bus E 146	CPT Medical Coding	5
Bus E 150	Introduction to Windows	5
Bus E 162	Introduction to Excel	5
Bus E 185	Introduction to Microsoft Access	5
Bus E 214	Introduction to Information Security	5
Bus E 255	Advanced Word	5
Engl 108	Medical Terminology	2

Medical Transcription Computer

Certificate of Proficiency
19-20 Credits

This certificate program provides medical transcription students an opportunity to enhance their computer skills. Students must complete all classes with a grade of 2.0 or higher.

Contacts: Julie Slettvet, ext. 4687 jslettvet@greenriver.edu; Joyce Strain, ext 4385 jstrain@greenriver.edu

Dept./No.	Course Title		Credits
Bus E 132 **or**	Business Communication Applications **or**	(5)	
Bus E 117 **and** Bus E 157	Exploring PowerPoint **and** Introduction to Outlook	(2) (2)	4-5
Bus E 150	Introduction to Windows		5
Bus E 214	Introduction to Information Security		5
Bus E 255	Advanced Word		5

Medical Transcriptionist

Certificate of Proficiency
44 Credits

The certificate program provides students an opportunity to develop essential medical transcription skills. After completing this program, students will be qualified to secure employment as a medical transcriptionist in an entry level 1 position. Students in this program must complete all required classes with a grade of 2.0 or higher. Many of these credits may be applied to other Business Education degree programs. Students may enter this program at the beginning of any quarter.

Contact: Joyce Strain, ext 4385
jstrain@greenriver.edu

	Dept./No.	Course Title	Credits
*	Keyboarding skill demonstrated at 70 wpm during a 5-minute typing with 5 or less errors		
	AP 100 **or** AP 102 **or** AP 103	Survey of Human Anatomy-Physiology **or** Bringing Anatomy-Physiology to Life **or** Essentials of Human Anatomy-Physiology 1	5
	Bus E 100	Fundamentals of Microcomputers	5
	Bus E 112	Beginning Word for Windows	5
	Bus E 122	Medical Machine Transcription	5
	Bus E 123	Advanced Medical Machine Transcription	5
	Bus E 124	Medical Transcription Production	5
	Bus E 126	Pharmacology Basics	2
	Bus E 245	Medical Office Procedures	5
	Bus E 130 **or** Engl 105	Business Correspondence **or** Grammar & Usage	5
	Engl 108	Medical Terminology	2
	To enhance the student's preparation for future employment, the following electives are recommended:		
†	Bus E 101	Beginning Typing/Keyboarding	5
†	Bus E 102	Intermediate Keyboarding	5
*	Bus E 107	Typing Speed & Accuracy 1	4
*	Bus E 108	Typing Speed & Accuracy 2	4
	Bus E 111	Personal Computing	3
	Bus E 115	Professional Image Building	1
	Bus E 130	Business Correspondence	5
	Bus E 132	Business Communication Applications	5
	Bus E 145	ICD Medical Coding	5
	Bus E 146	CPT Medical Coding	5
	Bus E 150	Introduction to Windows	5
	Bus E 177 **and** Coop 171	Business Education Work Experience **and** Work Experience Seminar	5 1
	Bus E 214	Introduction to Information Security	5
	Bus E 255	Advanced Word	5
	Bus E 266	Inside Microsoft Office	5
	Engl 105	Grammar & Usage	5

† *Credit by advanced placement may be granted in typing/keyboarding after departmental review of prior training.*

* *Student unable to meet the minimum typing speed requirement for the certificate may take Bus E 107 and 108 to fulfill the typing test requirement.*

Students may choose the advanced computer applications course as an alternative to the introductory application course requirement such as Bus E 255 in place of Bus E 112; Bus E 266 in place of Bus E 100.

An internship opportunity is available to interested students who choose to take Bus E 177 and Coop 171. Thirty hours of work equals 1 credit.

Natural Resources

Associate in Applied Science Degree
120 Credits

This degree program prepares graduates to work in a variety of outdoor careers. The growing awareness of water quality, wetland protection, reforestation and environmentally sensitive timber harvest requires the services of technicians with a broad knowledge base. People who are trained to measure and sample the forest, its wildlife, streams and wetlands will enhance their employment opportunities. Wildlife biologists and professional foresters need technicians to efficiently produce accurate data. Park managers need knowledgeable personnel to perform maintenance duties and interpret wildland ecology for the public. Wildland firefighters are needed with current certificates of knowledge and skills.

Students may enter these professional technical programs at the beginning of any quarter:

Natural Resources with emphasis in forestry technology, and specialties in Natural Resources-GIS, Park Management, Water Quality, and Wildland Fire.

All courses apply to the Associate in Arts degree as elective courses and may be transferable to a four-year natural resources program.

Completion of high school algebra and trigonometry courses or equivalent is recommended before beginning this program.

For the Natural Resources, Associate in Applied Science-Transfer degree, see page 51.

Contacts: Dick Hopkins, ext 4509
dhopkins@greenriver.edu

Rob Sjogren, ext. 4582
rsjogren@greenriver.edu

	Dept./No.	Course Title	Credits
	As soon as possible, or mix into schedule:		
#	Comm 101	Basic Speech Communication	5
#	Engl 110	College Writing	5
	Engl 113	Research Writing: Science, Engineering & Business	5
	FIRST YEAR		
	Fall Quarter		
#	Math 115T **or** Math 102	Natural Resources Algebra/Trigonometry 1 **or** Pre-Calculus 1 or higher	5
	Natrs 100	Introduction to Natural Resources	5
	Natrs 172	Computer Applications Overview	3
	Natrs 183	Tree & Shrub Identification	5
	Winter Quarter		
	Natrs 161	Wildlife Habitat Management	5
	Natrs 180	Natural Resources Measurement	5
	Natrs 197	Wildland Recreation	4
	Natrs 270	Stream & Wetland Ecology	5
	Spring Quarter		
	Natrs 181	Forest Navigation & Mapping	8
	Natrs 182	Air Photo Interpretation & Remote Sensing	5
	Natrs 184	Shrub & Wildflower Identification	5
	P E 113	Group Dynamics Activity (taken concurrently with Natrs 181)	1

	SECOND YEAR		
	Fall Quarter		
	Natrs 285	Forest Protection	5
#	Natrs 286	Natural Resources Business Principles	5
	Natrs 292	Resource Sampling & Appraisal	8
	Winter Quarter		
	Natrs 210	Introduction to Soils	5
	Natrs 284	Road & Trail Engineering	6
	Natrs 290	Internship Seminar	1
	Natrs 293	Silvicultural Analysis	5
	Spring Quarter		
	Natrs 294	Natural Resources Internship	14
	To enhance the student's preparation for future employment, the following are recommended:		
	Avia 123	Aviation Weather	5
	Fores 114	Chainsaw Operation & Maintenance	1
	G E 106	Introduction to Engineering Problems	3
	GIS 121	Introduction to GIS	5
	GIS 220	GIS Modules Analyst	5
	GIS 255	Introduction to GIS Programming	5
	HI Ed 190	Standard First Aid/CPR	3
	Natrs 130	Wildland Firefighter Training I-100 & S-130/190	4
	Natrs 134	Intermediate Wildland Fire Behavior S-290	3
	Natrs 162	Biology & Conservation of Birds	3
	Natrs 198-199	Independent Study	1-5
	Natrs 297-299	Independent Study	1-5

 # Satisfies related instruction requirements.

Note:
Students may enter the Natural Resources program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important!

Note:
Substitutions of required courses may be made with the department's prior approval when it is agreed that the student's suitability for employment will be enhanced.

Natural Resources– Geographic Information Systems Option

Associate in Applied Science Degree
103 Credits

This degree program prepares graduates to work outside collecting data using electronic equipment such as GPS (Global Positioning Systems) or ArcPad, laser range-finders, and data-loggers. They also work inside at a computer, downloading the data collected into databases to produce Geographic Information Systems (GIS) computer-generated maps for public and private entities.

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Sabah Jabbouri, ext. 4854
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	Dept./No.	Course Title	Credits
	FIRST YEAR		
	Fall Quarter		
	GIS 121	Introduction to GIS	5
#	Math 115T	Natural Resources Algebra/Trigonometry	5
	Natrs 100	Introduction to Natural Resources	5
	Natrs 172	Computer Applications Overview	3
	Winter Quarter		
#	Engl 110	College Writing	5
	GIS 260	Cartography-Based GIS	5
	Natrs 180	Natural Resources Measurement	5
	Natrs 270	Stream & Wetland Ecology	5
	Spring Quarter		
	GIS 220	GIS Modules Analyst	5
	Natrs 181	Forest Navigation & Mapping	8
	Natrs 182	Aerial Photo Interpretation & Remote Sensing	5
	P E 113	Group Dynamics Activity (taken concurrently with Natrs 181)	1
	SECOND YEAR		
	Fall Quarter		
	Natrs 285	Forest Protection	5
#	Natrs 286	Natural Resources Business Principles	5
	Natrs 292	Resource Sampling & Appraisal	8
	Winter Quarter		
#	Comm 101	Basic Speech Communication	5
	Engl 113	Research Writing: Science, Engineering & Business	5
	GIS 202	GIS Fundamentals & Theory	5
	GIS 250	Data & Spatial Database Design	5
	Natrs 290	Internship Seminar	1
	Spring Quarter		
	GIS 270	GIS in the Field	5
	Natrs 294	Natural Resources Internship	14
	To enhance the student's preparation for future employment, the following are recommended:		
	Bus E 101	Beginning Typing	5
	Fores 114	Chainsaw Operation & Maintenance	1
	Geog 120	Introduction to Physical Geography	5
	HI Ed 190	Standard First Aid/CPR	3
	Natrs 198, 199, 297, 298, 299	Independent Study	(1-12)
	St Sk 105	Orientation to College	(1)

 # Satisfies related instruction requirements.

Natural Resources– Park Management

Associate in Applied Science Degree
117 Credits

This degree program prepares graduates to work in state, private, county, municipal, and federal parks as assistant park rangers and in associated positions. Park management includes interpreting plant and animal ecology to the general public. Rangers are responsible for constructing and maintaining trails, campgrounds, and facilities. They collect fees, explain and enforce park rules, and promote public safety.

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Rob Sjogren, ext. 4582
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	Dept./No.	Course Title	Credits
#	Comm 101	Basic Speech Communication	5
#	Engl 110	College Writing	5
	Engl 113	Research Writing: Science, Engineering & Business	5
	FIRST YEAR		
	Fall Quarter		
#	Math 115T **or** Math 102	Natural Resources Algebra/Trigonometry 1 **or** Pre-Calculus 1 or higher	5

Natrs 100	Introduction to Natural Resources	5
Natrs 172	Computer Application Overview	3
Natrs 183	Tree & Shrub Identification	5
Winter Quarter		
Natrs 161	Wildlife Habitat Management	5
Natrs 180	Natural Resources Measurement	5
Natrs 197	Wildland Recreation	4
Natrs 270	Stream & Wetlands Ecology	5
Spring Quarter		
Natrs 181	Forest Navigation & Mapping	8
Natrs 182	Air Photo Interpretation & Remote Sensing	5
Natrs 184	Shrub & Wildflower Identification	5
P E 113	Group Dynamics Activity (taken concurrently with Natrs 181)	1
SECOND YEAR		
Fall Quarter		
Geol 101	Physical Geology	5
Natrs 285	Forest Protection	5
# Natrs 286	Natural Resources Business Principles	5
Winter Quarter		
Natrs 284	Road & Trail Engineering	6
Natrs 290	Internship Seminar	1
Natrs 293	Silvicultural Analysis	5
Soc 110	Survey of Sociology	5
Spring Quarter		
Natrs 294	Natural Resources Internship	14
To enhance the student's preparation for future employment, we recommend the following:		
Avia 123	Aviation Weather	5
Fores 114	Chainsaw Operation & Maintenance	1
Geol 200	Geology of National Parks	5
Geol 208	Geology of the Northwest	5
Hl Ed 190	Standard First Aid/CPR	3
Natrs 162	Biology & Conservation of Birds	3
Natrs 198-199	Independent Study	1-5
Natrs 271	Stream & Wetland Restoration	3
Natrs 292	Resource Sampling & Appraisal	8
Natrs 297-299	Independent Study	1-5
St Sk 105	Orientation to College	1
Other	Small Engine Repair, Basic Carpentry, Plumbing, Wiring	

 # Satisfies related instruction requirements.

Note:
Students may enter the Natural Resources Program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important!

Note:
Substitutions of required courses may be made with the department's prior approval when it is agreed that the student's suitability for employment will be enhanced. Examples include courses involving small engine repair, basic carpentry, plumbing or wiring.

Natural Resources–Water Quality

Associate in Applied Science Degree
118 Credits

Contacts: Dick Hopkins, ext 4509 dhopkins@greenriver.edu
Rob Sjogren, ext. 4582 rsjogren@greenriver.edu

Dept./No.	Course Title	Credits
FIRST YEAR		
Fall Quarter		
# Engl 110	College Writing	5
# Math 115T **or** Math 102	Natural Resources Algebra/Trigonometry 1 **or** Pre-Calculus 1 or higher	5
Natrs 100	Introduction to Natural Resources	5
Natrs 172	Computer Applications Overview	3
Winter Quarter		
Fores 114	Chainsaw Operation & Maintenance	1
Natrs 161	Wildlife Habitat Management	5
Natrs 180	Natural Resources Measurements	5
Natrs 270	Stream & Wetland Ecology	5
Spring Quarter		
Natrs 181	Forest Navigation & Mapping	8
Natrs 182	Air Photo Interpretation & Remote Sensing	5
Natrs 271	Stream & Wetland Restoration	5
P E 113	Group Dynamics Activity (taken concurrently with NATRS 181)	1
Summer Quarter		
Natrs 183	Tree & Shrub Identification	5
Natrs 184	Shrub & Wildflower Identification	5
Natrs 197	Wildland Recreation	4
SECOND YEAR		
Fall Quarter		
# Comm 101	Basic Speech Communication	5
Natrs 272	Fish Identification & Habitat	5
Natrs 285	Forest Protection	5
# Natrs 286	Natural Resources Business Principles	5
Winter Quarter		
Engl 113	Research Writing: Science, Engineering & Business	5
Natrs 284	Road & Trail Engineering	6
Natrs 290	Internship Seminar	1
Natrs 293	Silvicultural Analysis	5
Spring Quarter		
Natrs 294	Natural Resources Internship	14
To enhance the student's preparation for future employment, the following are recommended:		
Any Course	Biology, Chemistry, Geology	5
Any Course	GIS	3-8
Avia 123	Aviation Weather	5
Geog 120	Introduction to Physical Geography	5
Hl Ed 190	Standard First Aid/CPR	3
Natrs 162	Biology & Conservation of Birds	3
Natrs 198-199	Independent Study	1-5
Natrs 292	Resource Sampling & Appraisal	8
Natrs 297-299	Independent Study	1-5
St Sk 105	Orientation to College	1

 # Satisfies related instruction requirement.

Note:
Students may enter the Natural Resources Program in any quarter, however many classes are only offered one time each year. Correct sequencing is important!

Note:
Substitutions of required courses may be made with the department's prior approval when it is agreed that the student's suitability for employment will be enhanced.

Natural Resources–Wildland Fire

Associate in Applied Science Degree
115 Credits

This degree program prepares graduates to perform fire prevention and educational activities. They serve as crew members or leaders of aerial, engine, or ground wildland fire crews.

Contacts: Dick Hopkins, ext 4509 dhopkins@greenriver.edu
Rob Sjogren, ext. 4582 rsjogren@greenriver.edu

	Dept./No.	Course Title	Credits
	As soon as possible, or mix into schedule:		
#	Engl 110	College Writing	5
#	Engl 113	Research Writing: Science, Engineering & Business	5
	Natrs 100	Introduction to Natural Resources	5
	Natrs 172	Computer Applications Overview	3
	FIRST YEAR		
	Fall Quarter		
#	Math 115T **or** Math 102	Natural Resources Algebra/Trigonometry 1 **or** Pre-Calculus 1 or higher	5
	Natrs 130	Wildland Firefighter Training I-100 & S-130/190	4
	Natrs 134	Intermediate Wildland Fire Behavior	3
	Natrs 183	Tree & Shrub Identification	5
	Winter Quarter		
	Fores 114	Chainsaw Operation & Maintenance	1
	Natrs 161	Wildlife Habitat Management	5
	Natrs 180	Natural Resources Measurement	5
	Natrs 270	Stream & Wetland Ecology	5
	Spring Quarter		
	Natrs 181	Forest Navigation & Mapping	8
	Natrs 182	Air Photo Interpretation & Remote Sensing	5
	Natrs 184	Shrub & Wildflower Identification	5
	P E 113	Group Dynamics Activity (taken concurrently with Natrs 181)	1
	Summer Quarter: Wildfire experience required		
	SECOND YEAR		
	Fall Quarter		
#	Comm 101	Basic Speech Communication	5
	Natrs 285	Forest Protection	5
#	Natrs 286	Natural Resources Business Principles	5
	Winter Quarter		
	Natrs 131	Advanced Wildland Firefighter Training S-131	1
	Natrs 132	Wildland Firefighter Crew Boss S-230	2
	Natrs 133	Wildland Firefighter Engine Boss S-231	1
	Natrs 284	Road & Trail Engineering	6
	Natrs 290	Internship Seminar	1
	Natrs 293	Silvicultural Analysis	5
	Spring Quarter		
	Natrs 294	Natural Resources Internship	14
	To enhance the student's preparation for future employment, the following are recommended:		
	Avia 123	Aviation Weather	5
	G E 106	Introduction to Engineering Problems	3
	GIS	Any GIS courses	3-8
	HI Ed 190	Standard First Aid/CPR	3
	Natrs 162	Biology & Conservation of Birds	3
	Natrs 197	Wildland Recreation	4
	Natrs 292	Resource Sampling & Appraisal	8
	Natrs 198-199	Independent Study	1-5
	Natrs 297-299	Independent Study	1-5
	Phys 110	Introduction to College Physics	5
	St Sk 105	Orientation to College	1

 # Satisfies related instruction requirements.

Note:
Students may enter the Natural Resources program in any quarter, however many Natural Resources courses are only offered one time each year. Correct sequencing is important!

Note:
Substitutions of required courses may be made with the department's prior approval when it is agreed that the student's suitability for employment will be enhanced.

Natural Resources–Community Forestry

Certificate
35 Credits

This certificate program prepares graduates to work in vocations requiring skills and knowledge to protect and manage green spaces, parks, recreation areas, riparian zones, wetlands, wildlife management areas, and forest reserves in urban and suburban environments.

Note: This certificate does not qualify for federal financial aid or VA funding.

Contacts: Dick Hopkins, ext 4509 dhopkins@greenriver.edu
Rob Sjogren, ext. 4582 rsjogren@greenriver.edu

	Dept./No.	Course Title	Credits
	Fall Quarter		
	Natrs 183	Tree & Shrub Identification	5
	Natrs 121	Introduction to Community Forestry	4
	Winter Quarter		
+	Natrs 120 or	Riparian Restoration or	
	Natrs 271	Stream & Wetland Restoration	5
	Natrs 197	Wildland Recreation	4
	Natrs 270	Stream & Wetland Ecology	5
	Natrs 122	Urban Ecology	3
	Fores 114	Chainsaw Operation & Maintenance	1
	Spring Quarter		
*	Natrs 185 or	Shrub & Flower Systematic or	
*	Natrs 184	Shrub & Wildflower Identification	5
	Natrs 123	Landscape Planning & Practices	3
	Summer: work experience		

** Natural Resources degree students may substitute Natrs 184 for Natrs 185.*

+ Natrs 271 may be substituted for Natrs 120. Natrs 271 is offered during Spring Quarter only

Occupational Therapy Assistant

Associate in Applied Science Degree
124-129 Credits

Occupational therapy is a health discipline that provides services to people whose lives have been disrupted by physical injury, illness, and developmental, psychosocial, or aging-related problems. "Occupational" in this sense does not necessarily refer to a person's employment. Instead, it means therapy that enables a person to gain the function necessary to perform day-to-day work, self-care and leisure activities as related to one's roles. Occupational therapy assistants are often part of a health team that not only includes an occupational therapist but may also include physicians, nurses, social workers, teachers, physical therapists and other specialists. Besides preparing to become occupational therapy assistants, students in this program learn many skills that will serve in other helping careers.

Occupational therapy assistants are employed at public schools, long-term care centers, hospitals, rehabilitation centers and geriatric day centers to name a few. Assistants work under the supervision and consultation of an occupational therapist to provide patient treatments. They also provide assistance with patient assessments.

The Occupational Therapy Assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P. O. Box 31220, Bethesda, MD 20824-1220. AOTA's phone number is (301) 652-AOTA. Graduates of the program will be able to sit for the national certification examination for occupational therapy assistants administered by the National Board for Certification of Occupational Therapy (NBCOT) located at 800 South Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150. After successful completion of this examination, the graduate will be a Certified Occupational Therapy Assistant (COTA). Washington State requires licensure in order to practice.

Felony convictions may affect a graduate's ability to sit for the NBCOT certification examination and attain state licensure. NBCOT offers an Early Determination Review to individuals who (1) have been charged with or convicted of felony, (2) have had any professional license, registration or certification revoked, suspended or subject to probationary conditions by a regulatory authority or certification board, and/or (3) have been found by any court, administrative or disciplinary proceeding to have committed negligence, malpractice, recklessness or willful or intentional misconduct which resulted in harm to another.

An individual who is considering entering the Green River Community College Occupational Therapy Assistant program, or has already entered the program but is not yet eligible to apply for the certification examination, may have his/her character information reviewed prior to actually applying for the examination by requesting the review. The fee for the review is $100; a payment form can be found on NBCOT's Web site – www.nbcot.org – under "Forms".

New students are admitted once a year. Level 2 fieldwork requirements must be completed within 18 months of academic courses.

Program Application
Applications will be accepted beginning January 1. Initial review of applications will be for applications received by March 31. Applications will continue to be accepted after March 31 and applicants will be considered for admission on a space available basis or will be placed on an alternate list.

1. Candidates may apply when they have earned a minimum of 15 quarter credits in program prerequisite courses with a minimum grade of 2.0 in each course and a cumulative GPA of at least 2.5 (grades on 4.0 scale).
2. Prerequisite courses for the OTA program are:
   a. Anatomy & Physiology I & 2
   b. English
   c. Psychology, sociology, or communications
3. Submission of a one page statement describing applicant's interest and knowledge in the field.
4. If space permits, students may opt to complete the OTA program on a part-time basis over the course of 10 quarters. In this case students will follow a prescribed course sequence as directed by the OTA Program advisor.

Selection Process:
Students who satisfy the above requirements will be selected based on academic preparation, COMPASS scores, GPA, and familiarity or experience with occupational therapy or closely related field. Applicants who have not completed program prerequisites may be accepted on a provisional basis until these requirements are completed with a 2.0 or higher grade in each course and an overall GPA of 2.5 or higher.

Does the program transfer to four-year schools?
The classes for the Occupational Therapy Assistant program are not designed to transfer. Students who seek occupational therapy degrees should pursue a Bachelor's degree and then attend an occupational therapy program.

If space permits, students may opt to complete the OTA program on a part-time basis over the course of 10 quarters. In this case students will follow a prescribed course sequence as directed by the OTA Program advisor.

Contacts: Noel Hepler, ext. 4341 nhepler@greenriver.edu
Jennifer Lewis, ext. 4839 jlewis@greenriver.edu
Jenny Nyblod, ext. 4933 Jnyblod@greenriver.edu
John Arnold, ext. 2130 jarnold@greenriver.edu

Dept./No.	Course Title	Credits
First Quarter		
H Sci 150	Human Life Span Growth & Development	5
O T 100	Introduction to Occupational Therapy	3
O T 110	Occupational Therapy Principles	4
Second Quarter		
H Sci 104	Fundamentals of Gerontology	4
O T 102	Physical Disabilities 1	4
O T 109	Developmental Disabilities	4
Third Quarter		
O T 105	Clinical Seminar 1	1
O T 106	Professional Advocacy Experience	1
O T 108	Psychosocial Dysfunction	5
O T 115	Therapeutic Activities 1	3
O T 116	Physical Disabilities 2	5
O T 177	Application of O T Coop Experience 1	1
Fourth Quarter		
O T 178	Application of O T Coop Experience 2	1
O T 202	Ethics, Values & Responsibility in Health Care	3
O T 204	Application of Activities	5
O T 206	Clinical Seminar 2	1
O T 215	Work Place Issues	3

	Fifth Quarter		
	O T 210	Therapeutic Adaptations	5
	O T 211	Pre-Fieldwork Experience Seminar	2
	O T 212	Therapeutic Activities 2	3
	O T 220	Therapeutic Group Leadership	2
	Sixth Quarter		
	O T 250	Fieldwork Experience Seminar 1	1
#	O T 277	Co-op Fieldwork Experience 1	12
	Seventh Quarter		
	O T 251	Fieldwork Experience Seminar 2	1
#	O T 278	Co-op Fieldwork Experience 2	12
	Required Supporting Courses:		
	Computers	Any Computer Course	0-3
	AP 103	Essentials of Human Anatomy-Physiology 1	5
	AP 104	Essentials of Human Anatomy-Physiology 2	5
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 110 **or**	Interpersonal Communication **or**	
	Comm 101 **or**	Basic Speech Communication **or**	
	Comm 234	Small Group Leadership & Discussion	5
#	Engl 110 **or**	College Writing **or**	
	Engl 102	Practical College Writing	5
#	Math 102 **or**	Pre-Calculus 1 **or**	
	Acomp **or**	Any Acomp or Math course 100 or above **or**	
	B A 145 **or**	Business Computation **or**	
	Bus E 110	Business Math Applications	3-5
	Psych 100	General Psychology	5
	One of the following is required:		**5**
	Ames 100	Introduction to Ethnic & Minority Studies (5)	
	Anthr 100	Introduction to Anthropology (5)	
	Anthr 202	Principles of Sociocultural Anthropology (5)	
	Anthr 205	Introduction to Medical Anthropology (5)	
	Engl 112	Writing: Social Sciences (5)	
	Engl 160	Literature By & About Women (5)	
	Geog 108	Introduction to Human Geography (5)	
	Geog 200	World Regional Geography (5)	
	Human 110	Background for the Humanities (5)	
	Human 133	People, Language, Culture (5)	
	Human 186	Peoples of the World (5)	
	Phil 102	Contemporary Moral Problems (5)	
	Phil 110	Social & Political Philosophy (5)	
	Soc 110	Survey of Sociology (5)	
	Electives: (Instructor's permission required)		
	O T 194	Special Topics	1-2
	O T 198	Independent Study	1

 # Satisfies related instruction requirements.

** May be waived by program advisor upon demonstration of computer competency.*

Physical Therapist Assistant

Associate in Applied Science Degree
110-112 Credits

This degree program awards an Associate in Applied Science degree and is accredited by the Commission on Accreditation in Physical Therapy Education. Once students begin PTA classes, they typically complete the program in two years with 110-112 credits, depending on previous college work. Graduates are prepared to work as Physical Therapist Assistants. The Physical Therapist Assistant, under the supervision of a licensed physical therapist, treats individuals with physical limitations to relieve pain and restore function. Physical therapist assistants work in hospitals, rehabilitation centers, school systems, private physical therapy practices, home health care agencies and sports medicine facilities.

Students must complete the admissions prerequisites in order to apply for the Physical Therapist Assistant program. Please contact the PTA Admissions Cordinator in the Caeer and Advising Center at ext. 2641 or the PTA program Web site at www.instruction.greenriver.edu/PTA for specific information. **Requirements are subject to change.**

Application Requirements:
Candidates may apply when they have earned a minimum of 15 quarter credits in program prerequisite courses with a minimum grade of 2.0 in each course and a cumulative grade point average of at least 2.5 (grades on 4.0 scale). The required prerequisites are as follows:

Anatomy & Physiology 1 & 2
The prerequisite requires 10 quarter-credits (or equivalent) of human anatomy and physiology with a lab. The minimum courses meeting this requirement at GRCC are AP 103 and 104. These courses should be completed within 5 years prior to applying to the program.

Speech Communication
Comm 100, Comm 101, Comm 110, or Comm 234 will satisfy this requirement at GRCC. Equivalent speech courses should be verified with the program admissions advisor. Please be advised the Comm 100 will not transfer to a university. (5 communication credits required)

English Composition
This requirement may be completed by taking either practical college writing (Engl 102) or College Writing (Engl 110 or equivalent transferable course). Please be advised that Engl 102 will not transfer to a university. (5 composition credits required)

Math (college level)
Candidates who complete the math requirement with Acomp or Math (Bus E 110 or B A 145) must also demonstrate math competency by one of the following: Eligibility for COMPASS for elementary algebra (Math 072) or completion of pre-algebra (Math 070) with a 2.5 or higher.

Students who satisfy the above requirements will be selected based on academic preparation, COMPASS scores, GPA, and familiarity or experience with physical therapy or closely related field requirements.

Candidates who have not completed all prerequisites at the time of application must submit their plan for the completion of the required courses prior to fall quarter 2006. Applicants may be considered for provisional acceptance when AP 1 is completed with a grade of 2.0 or higher or considered as fully qualified for acceptance when all prerequisites are completed satisfactorily. When the class capacity is reached, an alternate list will be created. Candidates who have provisional acceptance must complete AP 2 with a minimum grade of 2.0 or their standing will be lost.

The Physical Therapist Assistant courses must be taken in sequence.

Students who wish to pursue a professional physical therapy program should NOT enroll in GRCC's Physical Therapist Assistant program. Transfer of professional/technical coursework is limited.

Contacts: Barbara Brucker, ext. 4343 bbrucker@greenriver.edu
Josh Staffeiri, ext. 2641 jstaffeiri@greenriver.edu

	Dept./No.	Course Title	Credits
	FIRST YEAR		
	Fall Quarter		
	H Sci 102	Applied Anatomy	5
	P T 101	Introduction to Physical Therapy	3
#	P T 102	Therapeutic Interaction in Health Care	2
	P T 105	Patient Care Skills	3
	Winter Quarter		
	H Sci 150	Human Life Span, Growth & Development	5
	P T 110	Principles of Physical Therapy Agents 1	5
	P T 114	Tests & Measurements	2
	P T 130	Survey of Pathophysiology 1	3
	Spring Quarter		
	H Sci 101	Neuroscience	3
	P T 111	Principles of Physical Therapy Agents 2	6
	P T 113	Posture & Movement	4
	P T 131	Survey of Pathophysiology 2	2
	P T 151	Clinical Preparation	1
	SECOND YEAR		
	Fall Quarter		
	P T 112	Functional Training	2
	P T 210	Therapeutic Exercise	5
	P T 212	Physical Therapy Acute Care	3
#	P T 251	Clinical Supervision 1	1
	P T 277	Clinical Affiliation 1	1
	Winter Quarter		
	P T 201	Issues in Health Care	3
	P T 211	Advanced Rehabilitation Procedures	6
	P T 213	Orthopedic Therapy	5
#	P T 252	Clinical Supervision 2	1
	P T 278	Clinical Affiliation 2	1
	Spring Quarter		
#	P T 253	Clinical Supervision 3	1
	P T 279	Clinical Affiliation 3	7
	P T 280	Clinical Affiliation 4	7
	Required Supporting Course/Prerequisites:		
*	AP 103 **and** AP 104	Essentials Human Anatomy-Physiology 1 **and** Essentials Human Anatomy-Physiology 2	10
#	Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
#	Engl 102 **or** Engl 110 **or** Engl 111 **or** Engl 112 **or** Engl 113	Practical College Writing **or** College Writing **or** Writing: Humanities **or** Writing: Social Sciences **or** Research Writing: Science, Engineering & Business	5
#	Math **or**	Any college-level Math class numbered 100 or above **or**	
	Bus E 110 **or**	Business Math applications **or**	
	B A 145 **or**	Business Computation **or**	
	Acomp 100N **or** Acomp 100T	Computation for Practical Nursing **or** Computation for the Trades	3-5

 # Satisfies related instruction requirements.

Note:
Central Washington University (CWU courses) Ex Sci 250 and Ex Sci 35) and Washington State University (WSU courses) MvTST 262 and MvTST 380 will meet the A P 103 and A P 104 PTA degree requirements at Green River Community College.

Practical Nursing

Certificate
103-108 Credits

The certificate program prepares a student to provide safe and efficient nursing care. Health facilities such as hospitals, nursing homes, clinics and public health nursing services employ practical nurses under the supervision of a registered nurse or physician.

A multimedia system of individualized instruction, offering stated objectives with a wide range of learning experiences to accomplish each objective is provided.

The Practical Nursing program is a 103 to 108-credit program in which students must demonstrate academic proficiency by completing basic curriculum requirements prior to entry into the core sequence of nursing classes. A high school diploma or GED is required, and a physical exam is required after entrance into the core program. A minimum grade of 2.3 is required in each nursing and supporting course. Evidence of academic proficiency is established by completion of each of the following curriculum requirements with a 2.3 grade or higher.

The following courses are required prior to entry into the Practical Nursing program:

- AP 103 and 104, or AP 205 and AP 206 (10 credits);
- Read 094 or 104, Reading Mastery (5 credits), or college-level reading ability as measured by COMPASS assessment;
- Engl 108, Medical Terminology (2 credits). Placement into Engl 108 is based upon a spelling placement test* or completion of English 090, Spelling Improvement; and
- Acomp 100N, Computation for Practical Nurses (3 credits). Placement into Acomp 100N is based on an appropriate COMPASS score or by completion of Math 062 (5 credits).

It is recommended that the remaining curriculum requirements also be taken prior to entry into the core coursework; however, a student may choose to enroll in these courses later in the program:

- Communication (5 credits). Choose from Comm 100, 101, 110, or 234
- English Composition (5 credits). Choose from Engl 102, 110, 111, 112, or 113.

The student is expected to provide his/her own transportation to off-site clinical facilities. In addition to paying for tuition and books, the student is required to purchase a uniform, pin, white shoes, watch, bandage, scissors, and liability insurance. For additional information about a required nursing orientation and the application procedure, contact the Health Science curriculum advisor in Career and Advising Center, at ext. 2639.

Upon successful completion of the required credits, the student will earn a Certificate in Practical Nursing. The graduate will be eligible to take the licensing examination and upon passing, practice as a Licensed Practical Nurse. Application for LPN licensure asks information regarding legal convictions, and drug/alcohol and addiction conditions that may inhibit nursing practice. For additional questions on this issue, contact the Washington State Nursing Care Quality Assurance Commission. The program is fully accredited by the Washington State Nursing Care Quality Assurance Commission and the Northwest Association of Schools and Colleges.

Contact: Julia Short, ext. 4210
jshort@greenriver.edu

	Dept./No.	Course Title	Credits
	Fall Quarter		
*	Nurse 100	Nutrition	5
	Nurse 101	Introduction to Computers in Nursing	1
	Nurse 102	Introduction to Clinical Pharmacology in Nursing	3
	Nurse 104	Nursing 1 - Fundamentals	6
	Nurse 105	Community Lab 1	4
#	Nurse 116	Nursing Issues & Delivery Systems	3
	Nurse 127	AIDS/CPR Safety/Inspection Control	2
	Winter Quarter		
	Nurse 103	Drug Therapy & the Nursing Process	2
	Nurse 106	Nursing 2	8
	Nurse 107	Nursing 2 - Community Lab 2	8
	Nurse 108	Introduction to Computer Case Studies in Nursing	2
	Spring Quarter		
	H Sci 150	Human Life Span, Growth & Development	5
	Nurse 109	Nursing 3 Community Lab 3	8
	Nurse 110	Nursing 3	8
	Nurse 118	Advanced Computer Case Studies in Nursing	1
	Summer Quarter		
#	Nurse 112	Nursing 4	6
	Nurse 113	Nursing 4 Community Lab 4	6
	Curriculum Requirements		
#	Acomp 100N	Computation for Practical Nursing	3
	AP 103 and 104 **or**	Essentials of Human Anatomy-Physiology 1 and 2 **or**	
	AP 205 and AP 206	Human Anatomy-Physiology 1 and 2	10
#	Comm 100 **or**	Fundamentals of Oral Communication **or**	
	Comm 110 **or**	Interpersonal Communication **or**	
	Comm 101 **or**	Basic Speech Communication **or**	
	Comm 234	Small Group Leadership & Discussion	5
#	Engl 110 **or**	College Writing **or**	
	Engl 102 **or**	Practical College Writing **or**	
	Engl 111 **or**	Writing: Humanities **or**	
	Engl 112 **or**	Writing: Social Sciences **or**	
	Engl 113	Research Writing: Science, Engineering & Business	5
	Engl 108	Medical Terminology	2
	Read 094	Reading Improvement	0-5

** May be taken prior to entrance into the Practical Nursing Program*

 # Satisfies related instruction requirements.

Practical Nursing–Nurse Assistant

Certificate of Proficiency
36 Credits

Contact: Julia Short, ext. 4210
jshort@greenriver.edu

Dept./No.	Course Title	Credits
Fall Quarter		
Engl 108	Medical Terminology	2
Nurse 100	Nutrition	5
Nurse 104	Nursing 1 – Fundamentals	6
Nurse 105	Community Lab 1	4
Nurse 106	Nursing 2	8
Nurse 107	Nursing 2 – Community Lab 2	8
Nurse 116	Nursing Issues & Delivery Systems	3

Nurse Assistant

Certificate of Proficiency
20-28 Credits

Students must achieve a 2.0 in each class to continue and complete the program.

Note: This certificate does not qualify for financial aid or VA funding.

Contact: Linda Downing, ext. 2213
ldowning@greenriver.edu

Dept./No.	Course Title	Credits
Quarter 1		
Eligible for Engl 090		0-3
Eligible for Read 094		0-5
Nrs A 100	Introduction to Nursing Care Studies	2
Nrs A 102	Nurse Assistant Theory 1	3
Nrs A 103	Nurse Assistant 1 Skills	2
Quarter 2		
AP 100	Survey of Human Anatomy-Physiology	5
Engl 108	Medical Terminology	2
Nrs A 101	Introduction to Nursing Care Studies 2	1
Nrs A 104	Nurse Assistant Theory 2	2
Nrs A 105	Nurse Assistant 2 Skills	3

Other requirements include:
Washington State Patrol Clearance check-Clear
C.P.R./A.E.D.
Uniform Station: uniform, gait belt, watch with second hand, goggles

Wastewater Technology

Associate in Applied Science Degree
90 Credits

This degree program prepares graduates for positions in municipal wastewater collection systems and treatment facilities. Along with appropriate operating experience, this degree provides a foundation for positions with responsibilities beyond the entry level. The requirements build on those for the Municipal Wastewater Treatment Technology Certificate of Proficiency, which should generally be completed first.

Contact: Larry Shenk, ext. 4367
lshenk@greenriver.edu

	Dept./No.	Course Title	Credits
#	Behsc 103 **or** Bus 166	Interpersonal Relations **or** Human Relations & Work Readiness	5
	Biol 100 **or** Env S 204	Introductory Biology **or** Natural Science & the Environment	5
	Bus E 100 **or** Bus E 112 **or** Bus E 118 **or** Bus E 150 **or** Bus E 184	Fundamentals of Microcomputers **or** Beginning Word for Windows **or** Basics for Online Education **or** Introduction to Windows **or** Internet & Basic Web Design	5
	Chem 140	General Chemistry 1	6
	Chem 150	General Chemistry 2	6
#	Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
#	Engl 110	College Writing	5
	Engl 113	Research Writing: Science, Engineering & Business	5
#	Math 102 **or** Math 107	Pre-Calculus 1 **or** Contemporary Math	5
	Wtech 181	Water Hydraulics	3
	Wtech 182	Pumps & Pumping Systems	3
	Wtech 183	Utility Worker Safety	3
	Wtech 184	Disinfection & Chemical Feed Systems	3
	Wtech 187	Drawings & Manuals	3
	Wtech 188	Water & Wastewater Electrical	3
	Wtech 191	Pre-Employment Seminar	3
	WWT 177	Wastewater Cooperative Education	11
	WWT 180	Wastewater Collection	3
	WWT 185	Municipal Wastewater Treatment 1	3
	WWT 186	Municipal Wastewater Treatment 2	3
	WWT 188	Wastewater Laboratory	2

 # Satisfies related instruction requirement.

Wastewater Collection Technology

Certificate of Proficiency
20-30 Credits

This certificate program prepares graduates for entry-level positions operating and maintaining municipal wastewater collection systems. This program is designed for a fall quarter start, depending upon student composition, computation and computing skills; please contact an advisor for skills assessment information.

Contact: Larry Shenk, ext. 4367
lshenk@greenriver.edu

	Dept./No.	Course Title	Credits
	Bus E 100 **or** Bus E 112 **or** Bus E 118 **or** Bus E 150 **or** Bus E 184	Fundamentals of Microcomputers **or** Beginning Word for Windows **or** Basics for Online Education **or** Introduction to Windows **or** Internet & Basic Web Design	5
*	Engl 081	Fundamentals of Written Communication	0-5
**	Math 072	Elementary Algebra	0-5
	Wtech 182	Pumps & Pumping Systems	3
	Wtech 183	Utility Worker Safety	3
	Wtech 187	Drawings & Manuals	3
	Wtech 188	Water & Wastewater Electrical	3
	WWT 180	Wastewater Collection	3

** Not required if eligible for Engl 100 or higher.*

*** Not required if eligible for Math 097 or higher.*

Municipal Wastewater Treatment Technology

Certificate of Proficiency
31-41 Credits

This certificate program prepares graduates for entry-level positions in municipal wastewater treatment facilities. The program is designed for a fall quarter start, depending upon student composition, computation and computing skills; please contact an advisor for skill assessment information.

Contact: Larry Shenk, ext. 4367
lshenk@greenriver.edu

	Dept./No.	Course Title	Credits
	Bus E 100 **or** Bus E 112 **or** Bus E 118 **or** Bus E 150 **or** Bus E 184	Fundamentals of Microcomputers **or** Beginning Word for Windows **or** Basics for Online Education **or** Introduction to Windows **or** Internet & Basic Web Design	5
*	Engl 081	Fundamentals of Written Communication	0-5
**	Math 072	Elementary Algebra	0-5
	Wtech 181	Water Hydraulics	3
	Wtech 182	Pumps & Pumping Systems	3
	Wtech 183	Utility Worker Safety	3
	Wtech 184	Disinfection & Chemical Feed Systems	3
	Wtech 187	Drawings & Manuals	3
	Wtech 188	Water & Wastewater Electrical	3
	WWT 185	Municipal Wastewater Treatment 1	3
	WWT 186	Municipal Wastewater Treatment 2	3
	WWT 188	Wastewater Laboratory	2

** Not required if eligible for Engl 100 or higher.*

*** Not required if eligible for Math 097 or higher.*

Water Supply Technology

Associate in Applied Science Degree
90 Credits

This degree program prepares graduates for positions in municipal drinking water distribution and treatment facilities. Along with appropriate operating experience, this degree provides a foundation for positions with responsibilities beyond the entry level. The requirements build on those for the Water Distribution Technology Certificate of Proficiency, which should generally be completed first.

Contact: Larry Shenk, ext. 4367
lshenk@greenriver.edu

	Dept./No.	Course Title	Credits
#	Behsc 103 **or** Bus 166	Interpersonal Relations **or** Human Relations & Work Readiness	5
	Biol 100 **or** Geol 101	Introductory Biology **or** Physical Geology	5
	Bus E 100 **or** Bus E 112 **or** Bus E 118 **or** Bus E 150 **or** Bus E 184	Fundamentals of Microcomputers **or** Beginning Word for Windows **or** Basics for Online Education **or** Introduction to Windows **or** Internet & Basic Web Design	5
	Chem 140	General Chemistry 1	6
	Chem 150	General Chemistry 2	6
#	Comm 100 **or** Comm 110 **or** Comm 101 **or** Comm 234	Fundamentals of Oral Communication **or** Interpersonal Communication **or** Basic Speech Communication **or** Small Group Leadership & Discussion	5
#	Engl 110	College Writing	5
	Engl 113	Research Writing: Science, Engineering & Business	5
#	Math 102 **or** Math 107	Pre-Calculus 1 **or** Contemporary Math	5
	Wtech 181	Water Hydraulics	3
	Wtech 182	Pumps & Pumping Systems	3
	Wtech 183	Utility Worker Safety	3
	Wtech 184	Disinfection & Chemical Feed Systems	3
	Wtech 187	Drawings & Manuals	3
	Wtech 188	Water & Wastewater Electrical	3
	Wtech 191	Pre-Employment Seminar	3
	WST 177	Water Cooperative Education	8
	WST 180	Water Distribution	3
	WST 183	Water Sources	1
	WST 184	Water Regulations	2
	WST 185	Water Treatment 1	3
	WST 186	Water Treatment 2	3
	WST 188	Water Laboratory	2

 # Satisfies related instruction requirement.

Water Distribution Technology

Certificate of Proficiency
31-41 Credits

This certificate program prepares graduates for entry-level positions operating and maintaining public drinking water distribution systems. The program is designed for a fall quarter start, depending upon student composition, computation and computing skills; please contact an advisor for skill assessment information.

Contact: Larry Shenk, ext. 4367
lshenk@greenriver.edu

	Dept./No.	Course Title	Credits
	Bus E 100 **or** Bus E 112 **or** Bus E 118 **or** Bus E 150 **or** Bus E 184	Fundamentals of Microcomputers **or** Beginning Word for Windows **or** Basics for Online Education **or** Introduction to Windows **or** Internet & Basic Web Design	5
*	Engl 081	Fundamentals of Written Communication	0-5
**	Math 072	Elementary Algebra	0-5
	Wtech 181	Water Hydraulics	3
	Wtech 182	Pumps & Pumping Systems	3
	Wtech 183	Utility Worker Safety	3
	Wtech 184	Disinfection & Chemical Feed Systems	3
	Wtech 187	Drawings & Manuals	3
	Wtech 188	Water & Wastewater Electrical	3
	WST 180	Water Distribution	3
	WST 183	Water Sources	1
	WST 184	Water Regulations	2
	WST 188	Water Laboratory	2

** Not required if eligible for Engl 100 or higher.*

*** Not required if eligible for Math 097 or higher*

Welding Technology

Associate in Applied Science Degree
100-105 Credits

Upon completion of the two-year program, the student will qualify for an Associate in Applied Science degree. This training will permit the student to seek employment in the welding field as an engineering aide, sales engineer, and structural steel detailer or trade welder. The student will be prepared to advance rapidly to inspection, shop planning, supervision or one of many related fields. With the proper selection of courses, the student can continue his/her education to become a welding engineer. Consultation with the Welding department is required for admission to the program.

Students may enter the Welding Technology program during any quarter, as space is available.

Contacts: Jack Danielson, ext. 4257
jdanielson@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver.edu

Scott Schreiber, ext. 4421
sschreiber@greenriver.edu

	Dept./No.	Course Title	Credits
	First Year		
#*	Acomp 100T **or**	Computation for the Trades **or** Eligible for Math 070 **or** Completion of Math 062	0-5
#	Comm 100	Fundamentals of Oral Communication	5
#	Engl 102	Practical College Writing	5
	Weld 141	Basic Arc Welding & Flame	13
	Weld 142	Intermediate Arc Welding	13
	Weld 143	Advanced Arc Welding	13
	Second Year		
	I E 189	Basic Metallurgy	4
	Weld 107	Basic Blueprint Reading	3
	Weld 194	Special Welding Project 1	13
	Weld 195	Special Welding Project 2	13
	Weld 196	Special Welding Project 3	13
#	Human Relations	Any course that satisfies the Human Relations Related Instruction requirements	5

 # Satisfies related instruction requirements. For scheduling or transferability reasons, other courses from the current list of Related Instruction requirements may be substituted.

Note:
Student must possess a valid first aid card or similar Washington State L&I Training Card upon exiting the program.

Welding Technology–
Basic Arc & Flame

Certificate of Proficiency
26 Credits

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sschreiber@greenriver.edu

Jack Danielson, ext. 4257
jdanielson@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Weld 141	Basic Arc & Flame	13
Weld 142	Intermediate Welding	13

Welding Technology–
Intermediate Arc & Flame

Certificate of Proficiency
26 Credits

Contacts: Scott Schreiber, ext. 4421
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jdanielson@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Weld 142	Intermediate Welding	13
Weld 143	Advanced Arc Welding	13

Welding Technology–
Advanced Arc Welding

Certificate of Proficiency
26 Credits

Contacts: Scott Schreiber, ext. 4421
sschreiber@greenriver.edu

Jack Danielson, ext. 4257
jdanielson@greenriver.edu

Paul Mueller, ext. 2635
pmueller@greenriver.edu

Dept./No.	Course Title	Credits
Weld 194	Special Welding Projects 1	13
Weld 195	Special Welding Projects 2	13

OTHER LEARNING OPTIONS

ASSOCIATE DEVELOPMENT DEGREE

Minimum of 90 Credits

The Associate Development degree allows students to explore different subject areas as they prepare for a career. The flexibility of the degree allows students to customize course requirements to fit their professional goals while simultaneously ensuring competence in core learning outcome areas. The degree is not intended for students planning to transfer to a four-year institution.

Associate Development degree requirements are:

- Complete a minimum of 90 credits in the courses offered at GRCC. Basic Education (BASIC), English for Speakers of Other Languages (ESOL), and courses designated as High School Diploma only do not count toward the required 90 credits.
- Earn a minimum grade point average of 2.0.
- Complete a minimum of 24 credits, including the last quarter "in residence," at Green River. Online courses are recognized as part of the 24 credits.
- No more that 25% of the credits may be earned on a pass/no-credit basis.
- The credits identified in each of the following options are counted as part of the 90 credits required for the degree. Students must complete one of the options:

Option 1: Complete a Green River certificate program of 45 credits or more.

Option 2: Complete the following:

- a Green River certificate program of 25 credits or more
- one course satisfying the written or oral communication requirement of any degree or program at Green River
- one course satisfying the quantitative and symbolic reasoning or computation requirement of any degree or program at Green River
- one course satisfying the human relations requirement of any degree or program at Green River

Option 3: Meet with a faculty advisor and custom design a program of study. The program of study must include the following:

- 25 credits or more in courses which specifically prepare a student for employment in an identified specialty area. Courses may be from academic as well as professional technical areas
- one course satisfying the quantitative and symbolic reasoning or computation requirement of any degree or program at Green River
- one course satisfying the written or oral communication requirement of any degree or program at Green River
- one course satisfying the human relations requirement of any degree or program at Green River
- learning outcomes aligned with identified specialty area and selected courses

The program of study must be signed by the advisor and the student. The plan becomes a permanent part of the student's record.

GENERAL EDUCATION DEVELOPMENT (GED)

Green River offers GED preparation classes to assist the student in preparing for the tests. Classes are available for students who are 16 years of age or older. Students under the age of 19 must have a high school release form for classes and for testing. Additional information is available online, in the course description portion of this catalog, and in the quarterly class schedule.

The GED is a high school exiting credential. Those earning a GED certificate pass each of five critical thinking tests: language arts-writing, language arts-reading, social studies, science, and mathematics.

The GED is recognized by many employers and colleges. Ninety five percent of U.S. colleges and universities recognize the GED credential. More than half of the GED test-takers intend to go on to college or postsecondary training.

Green River is a test site for the GED. Please contact the Assessment and Testing Center at ext. 2650 on days, times and fees.

HIGH SCHOOL DIPLOMA

Green River Community College offers a complete schedule of courses that meets the requirements for a high school diploma as defined by the Office of the State Superintendent of Public Instruction and the Washington Board of Education. Students complete the required classes to earn a Washington State Diploma. Students can pursue high school credits in one of two ways:

- Earn credits at Green River and transfer them back to their high school, for a high school awarded diploma.
- Earn credits at Green River and apply those credits along with your high school credits to a GRCC awarded high school diploma.

The GRCC high school diploma program is an alternative way to complete high school. Although it is designed for adult students, 19 years and older, students 16-18 can participate. Successful students will meet state and Green River requirements for graduation and will be issued an official State of Washington high school diploma.

Reduced tuition (tuition waivers) may be available for those students 19 years or older or whose high school class has graduated. Please contact the Career and Advising Center office for more information.

APPLICATION PROCESS

1. Submit a completed Green River application to Enrollment Services, (253) 833-9111, ext. 2500.

2. If age 16, 17, or 18, submit a completed high school release form from the high school you would normally be attending. This is a Green River form that high schools typically have. A letter from school district personnel on official school stationary can be substituted.

3. Obtain and submit "official" copies of all previous high school/college transcripts.

   Send transcripts to:

   Green River Community College
   Attn: Jon Arnhold–Career and Advising Center
   12401 SE 320th Street
   Auburn, WA 98092-3622

   If you hand-carry your "official" transcripts, they must be received in an unopened envelope that has been sealed by the school where credit was earned.

4. Complete Green River's assessment (COMPASS.) Call (253) 833-9111, ext. 2650, for a recorded message regarding testing hours. There is a fee of $10.90 for the COMPASS, and picture identification is required to assess writing, reading and math skills.

5. Make an appointment with Jon Arnhold in Career and Advising Center for an evaluation of your transcripts to see what classes are needed for you to earn a high school diploma. Call (253) 833-9111 ext. 2641 or 2630 to schedule an appointment. Bring your COMPASS scores to the meeting.

   Depending on a student's assessment/placement scores, college level classes may be taken to fulfill both high school and college degree requirements at the same time. Green River's COMPASS assessment should be taken prior to enrolling in classes.

There is more information on the Green River Community College Website, at: http://www.greenriver.edu/edplanning/hscomp.htm.

HIGH SCHOOL DIPLOMA COURSE ARTICULATION

The high school diploma course articulation policy was created to ensure that students are not penalized by the differences in specific requirements imposed by individual districts/campuses within the general guidelines of the Washington State High School Diploma. Its intent is to provide a pathway for acceptance of credit between Washington State high schools and Green River Community College and to limit the need for duplication of credits previously earned.

POLICY

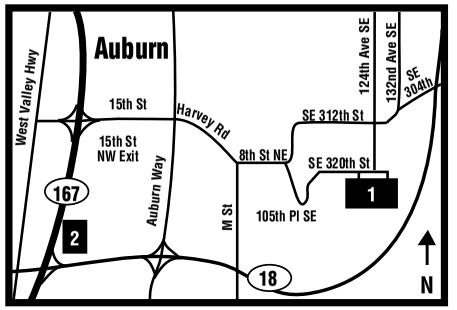
If a student transfers an individual course (from a Washington State high school or community and technical college) that meets a specific state high school requirement category at the sending institution, that course is considered to have met that requirement at GRCC, even if this course does not have an exact equivalent.

It is the student's responsibility to initiate the articulation process and to gather appropriate documentation from the high school as needed.

This is in accordance with OSPI guidelines for acceptance of credit and Washington State High School Diploma requirements.

Washington State Course Requirements (HS units)	Credits	Students entering high school classes in Fall 2004 or later (GRCC credits). Requirements may change as state law changes.
English	3	Reading (5 credits) Reading 094, 104, or any Literature class Writing (5 credits) English 081 or any English writing class Communication (5 credits) Communication 100 or higher
Math	2	Math (10 credits) with 5 of those credits at Math 097 or higher. If the student did not pass the WASL or an alternative assessment, he/she needs additional math credits, as outlined below: Class of 2008: Earn 5 more math credits, at Math 097 or above, and retake the Math WASL Classes of 2009 to 2012: Earn 10 more math credits, 5 of which are at Math 097 or above, and retake the Math WASL annually
Science	2	Science (10 credits) with a minimum 5 credits in a lab science Any lab science course that meets the lab science requirement. Any science course that meets the general science requirement.
U.S. History	1	U. S. History (5 credits) High School Completion 021 (3 credits) and 022 (3 credits), History (5 credits each) 220, 221, 222, or 135
Civics & Government	.5	Civics/Government (3 credits) High School Completion 025 (3 credits) or Political Science 202 (5 credits)
Washington State History	.5	History 024 (5 credits) or History 200 (5 credits)
Contemporary World History, Geography, and Problems	1	5 credits from: High School Completion 031, 032, American Minority & Ethnics Studies 100 Economics 090, 100 Geography 100, 108, 200 History 103, 225, 231, 250 Philosophy 102 Political Science 090, 100, 201, 203 Sociology 110
Health & Fitness	2	10 credits from: Physical Education (lecture/lab) (5 credits) 101, 102, 103, 111, 131, 149, 160, 165; or Health Education 150, and Physical Education (activity) (5 credits) all physical education classes and Health Education 190
Occupational Education	1	5 credits from any Prof/Tech course
Arts	1	5 credits in any Fine Arts or Performing Arts course
Culminating Project & Educational Plan		High School Completion 040 (3 to 5 credits) G E 100 (2 credits) Technology 100 (2 credits) or other alternative approved by the High School Completion committee
Electives	5	Up to 24 credits, as needed to total of 95 credits.
WASL		Satisfactory completion of the Washington Assessment of Student Learning (WASL) or equivalent assessment as identified by the OSPI in accordance with state policies. ▪ GRCC is not a test site for the WASL at this time. ▪ GRCC may help the student use one of the available options for the WASL. CAA Options: a) Collection of Evidence (CAA), b) SAT scores: Math 470, Reading 350, Writing 390; or c) ACT scores: Math 18; Reading 13, Writing (unavailable at this time) ▪ Transfer Students from out of state or out of country who transfer in during their Junior or Senior year may: a) Use their previous state's high school exit exam, or the exam used to meet federal "No Child Left Behind" testing requirements instead of the WASL. b) Use any of the CAA Options without first taking the WASL.
Total 19 credits		95 credits

Green River Community College



1 Main Campus, Auburn– Located at 12401 SE 320th Street

Southbound

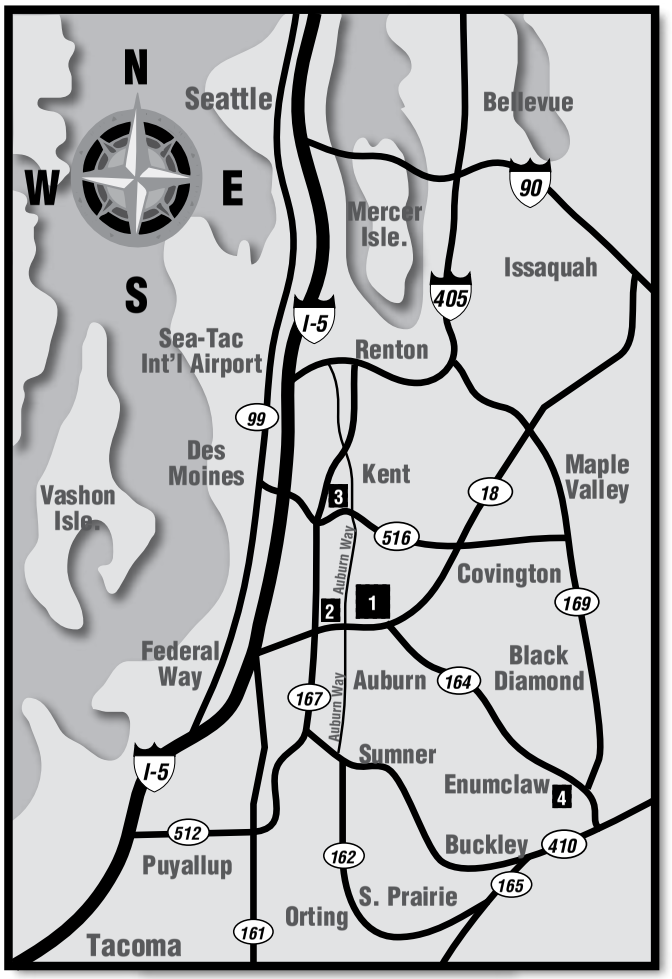
1. Take Hwy 167 South toward Kent / Auburn
2. Take the 15th Street **NW** exit. Turn left onto 15th Street NW. (15th Street NW becomes Harvey Road.)
3. Turn left onto 8th Street NE.
4. Turn right onto 105th Place SE. Follow road to top of hill to SE 320th.

Northbound

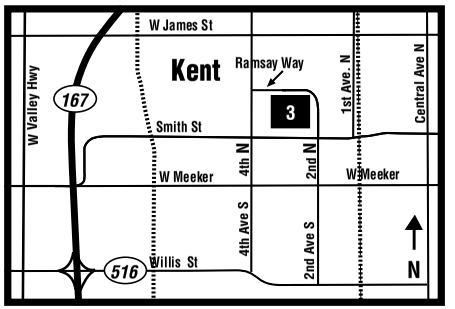
1. Take Highway 18 East toward Auburn / North Bend.
2. Take the SE 304th Street exit toward SE 312th Street.
3. Turn right onto SE 304th Street. (SE 304th Street becomes 132nd Avenue SE.)
4. Stay Straight to go onto 132nd Way SE. (132nd Way SE becomes SE 312th Street.)
5. Turn left onto 124th Avenue SE.
6. Turn left onto SE 320th Street.

2 Auburn Center– Located at 110 2nd Street SW

1. Take Highway 18 east toward Auburn.
2. Take the C Street SW exit.
3. Turn left onto C Street SW. Take the 3rd Street SW ramp.
4. Turn left onto S Division Street. Turn left onto 2nd Street SW.



Regional Map



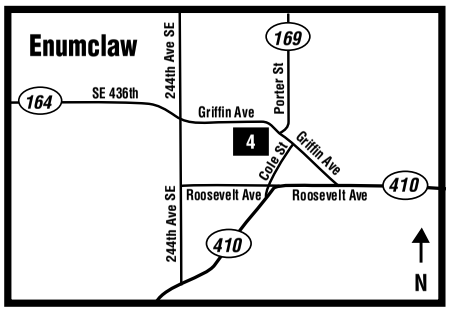
3 Kent Campus– Located at 417 Ramsay Way, Suite 112

Southbound

1. From Highway 167, take the Willis Street exit. Take a left onto Willis Street.
2. Heading east on Willis Street, turn left (north) on 4th Avenue S.
3. Turn right onto Ramsay Way, then right again at the first driveway, into the parking lot.

Northbound

1. From Highway 167, take the Willis Street exit. Take a right onto Willis Street.
2. Heading east on Willis Street, turn left (north) on 4th Avenue S.,
3. Turn right onto Ramsay Way, then right again at the first driveway, into the parking lot.



4 Enumclaw Campus– Located at 1414 Griffin Avenue

Southbound

1. Take Highway 18 East. Take the Auburn / Enumclaw exit onto Auburn Way S.
2. Take a left onto Auburn Way (Highway 164). Travel about 12 miles, Highway 164 turns into Griffin Avenue.

PI1406080725

Campus Map

Campus Destinations

Building Name	Abbr
Administration	AD
Athletics Recreation Annex	ARA
Bleha Center for the Performing Arts	PA
Business & Industry	BI
Child Care Center	CC
Continuing Education	CE
Fitness Center	FC
Holman Library	HL
Human Resources	HR
Humanities & Social Science	
Building A	HSA
Building B	HSB
Building C	HSC
Lindbloom Student Center	LC
Maintenance Center	MC
Marv Nelson Science Learning Center	SC
McIntyre International Village	
Building A	IVA
Building B	IVB
Building C	IVC
Building D	IVD

Building Name	Abbr
Occupational Education	OEB
Physical Education Building	PE
Rutkowski Learning Center	RLC
Science & Technology	
Building A	STA
Building B	STB
Building C	STC
Building D	STD
SMT Building	SMT
Social Science Building	SS
Student Housing	SH
Technology Center	TC
Trades & Industries	
Building A	TIA
Building B	TIB
Building C	TIC
Building D	TID
Washington Environmental Training Resource Center	WT
Zgolinski Welcome Center	ZWC

Popular Destinations

For…	Go to…	Abbr
Assessment & Testing Center	**Zgolinski Welcome Center**	ZWC
Bookstore	Lindbloom Student Center	LC
Campus Safety	Administration	AD
Campus Information & Tours	**Zgolinski Welcome Center**	ZWC
Cashier's Office	Lindbloom Student Center	LC
Career & Advising Center	Lindbloom Student Center	LC
Conference Center	Lindbloom Student Center	LC
CWU @ GRCC	Holman Library	HL
Disability Support Services	Lindbloom Student Center	LC
Diversity Services	Lindbloom Student Center	LC
Enrollment Services	Lindbloom Student Center	LC
Financial Aid Office	Lindbloom Student Center	LC
Helen S. Smith Gallery	Holman Library	HL
Math Learning Center	SMT Building	SMT
Project TEACH	Holman Library	HL
TRIO Student Support Services	Lindbloom Student Center	LC
Tutoring & Resource Center	Holman Library	HL
Washington State Center of Excellence for Careers in Education	Holman Library	HL
Workforce Education	SMT Building	SMT
Writing Center	Rutkowski Learning Center	RLC

Green River
COMMUNITY COLLEGE
12401 SE 320th St., Auburn, WA 98092-3622
(253) 833-9111 Auburn, (206) 464-6133 Eastside
(253) 924-0180 Tacoma

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