



Engineering, Computer Science, Physics and Atmospheric Science Associate in Science Transfer Degree—Track 2 (AST-Track 2)

Summer 2017

Minimum of 90 Credits

The Associate in Science Transfer Degree Track 2 in Engineering, Computer Science, Physics and Atmospheric Science encompasses some general education courses required of first- and second-year students and is intended to prepare students planning to transfer to a university in the science-related fields. It will give students the broad background needed before beginning more specialized, upper-division courses. The curriculum is not intended to fulfill General Education/University (GER/GUR) requirements, but to prepare prospective transfer science students to enter the state universities with junior standing, not only in credits but also with major/program preparation.

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 percent 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. Students must attain a cumulative grade point average of 2.0, and earn a minimum of 24 credits at Green River College.

Students are responsible for knowing transfer requirements and policies, as well as specific course choices and GPA requirements, and are urged to consult the catalog of the institution for which they plan to transfer.

I. BASIC SKILLS (20 credits)

Any course used to satisfy Basic Skills distribution may not be used to satisfy any other portion of the Associate in Science-Transfer Option 2 degree requirements.

A. Communication Skills (5 credits)

Courses in this area support the written communication learning outcome.

English &101

B. Quantitative Skills/Symbolic Reasoning: (15 credits)

Courses in this area support the quantitative and symbolic reasoning learning outcome.

Mathematics &151 and &152 and (&153 or 256)

2. HUMANITIES and SOCIAL SCIENCE (15 credits)

Select 15 credits from the Humanities and Social Science with at least five (5) credits taken from each and from three (3) separate areas.

A. Humanities

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 distribution.

Art &100, **105, 106, 107, 109, 110, III, 112, 113, 114, 115, 119, 120, 130, 133, 135, 212, 213, 214, 219, 251, 252, 253, 255, 256, 257**

Chinese III, &121, &122, &123

Communication Studies &102, &210, 212, 213, 215, &220, &230, &220, 238, 245, 265, 266

Dance 101, 102, 103, 110, 204

Drama &101, 102, III, 151, 152, 153, 154, 157, 158

English &112, &113, &114, 115, 160, 161, 163, 164, 165, 168, 180, 181, 183, 185, 187, 190, &220, &226, &227, &228, &236, &237, &244, &245, &246, 247, 248, 249, 250, 251, &254, &255, &256, 257, 264

Film 120, 121, 122, 191

French &121, &122, &123, &221, &222, &223

German &121, &122, &123

Humanities 100, 110, 133, 142, 146, 160, 186, 190, 191, 200, 224

Japanese &121, &122, &123, &221, &222, &223

Journalism 101, 107, 150, 151, 152, 254

Music 101, 103, 104, &105, 107, 108, 109, 110, 118, 119, 120, &121, &122, &123, 124, 125, 127, 128, 129, &131, &132, &133, 140, 141, 142, 150, 151, 152, 218, 219, 220, &221, &222, 227, 228, 229, &231, &232, 250, 251, 252,

Philosophy &101, 102, 103, 104, 105, 108, 110, 111, 112, 114, &115, 160, 200, 206, 210, 220, 236, 238, 240, 243

Photography 101, 102, 103, III

Spanish 110, &121, &122, &123, &221, &222, &223, 272



B. SOCIAL SCIENCE

A minimum 5 credits from the following:

American Minority and Ethnic Studies 100, 103, 105, 150, 211

Anthropology &100, &104, 108, &204, &205, &206, &207, &210, 211, &216, 220, &234, &235, &236, 273

Business &101, &181, &201

Criminal Justice &101, &105, &110, &240

Economics 100, 101, &201, &202

Geography &100, 120, 123, 190, &200, 201, 205, 210

History 101, 102, 103, 120, 122, 135, &136, &137, &214, &215, 220, 224, 226, 228, 230, 231, 232, 233, 235, 237, 240, 245, 250

Political Science &101, &200, &202, &203, &204, 207, 209, 220

Psychology &100, &180, &200, 201, 209, &220, 225, 240, 250

Social Science 160, 211

Sociology &101, &201, 202, 205, 214, 215, 220, 230, 240, 245, 260, 271

3. SPECIFIC REQUIREMENTS (50 credits)

Class selection depends on the student's area of study. It is strongly suggested that students beginning their science sequence complete it at the originating college. After consultation with a Science advisor, a total of 50 credits are required from the following:

A. **Physics** &221, &222, and &223 (15 credits)
(*Physics &114, &115, and &116 may be substituted with prior consultation with a Science/Engineering advisor.*)

B. *Select 6 credits from the following:*
Chemistry &161, &162, &163, &261, &262 or &263

C. Natural Science

Select 29 credits from the following after consultation with a Science/Engineering advisor.

Anatomy-Physiology 210

Biology &160, &211, &212, &213, &241, &242, &260

Chemistry &161, &162, &163, &261, &262, &263

Computer Science 120, &131, 132, &141, 145

Engineering 106, 120, 140, &214, &215, &224, &225, 250

Environmental Science 204

Geology &101, 206

Mathematics 106, &141, &142, &153, 238, 240, &254, 256

Philosophy &120, 215

Physics &114, &115, &116, 154, 155, 156, &221, &222, &223, 225, 229

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)

All courses numbered 100 or higher, with the exception of Basic Skills and Physical Education may be taken as electives.

English 126 or 127 or 128 may be used

TRANSFERABILITY OF CREDITS

Green River 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

This document is available in alternative formats to individuals with disabilities by contacting Disability Support Services at 253-833-9111, ext. 2631; TTY 253-288-3359; or by email at dss@greenriver.edu. Green River College is an equal opportunity educator and employer. Learn more at www.greenriver.edu/accessibility. The above referenced program of study information was current at the time of printing. The program may have been updated or changed to remain industry current. For program updates, please visit greenriver.edu or contact the program's listed faculty adviser.

Planning Guide (999B)

<p>1. BASIC SKILLS (20 credits)</p> <p>A. ENGL& 101 _____ (5) <i>ENGL 126 or 127 or 128 (optional)</i> _____</p> <p>B. MATH& 151 _____ (5) MATH& 152 _____ (5) MATH& 153 or 256 _____ (5)</p> <p>2. HUMANITIES and SOCIAL SCIENCE (15 credits) <i>With at least 5 credits from each. Three separate areas.</i></p> <p>A. Humanities (5 credits) _____ (5)</p> <p>B. Social Science (5 credits) _____ (5)</p> <p>C. Humanities or Social Science (5 credits) _____ (5)</p> <p>2. SPECIFIC REQUIREMENTS (50 credits)</p> <p>A. PHYS& 221 _____ (5) PHYS& 222 _____ (5) PHYS& 223 _____ (5) <i>(PHYS& 114, 115, and 116 may be substituted)</i></p>	<p>B. Select 6 credits from the following: CHEM& 161, 162, 163, 261, 262, or 263 _____ (6)</p> <p>C. Natural Science (29 credits) _____ _____ _____ _____ _____ _____</p> <p>4. LIFETIME FITNESS/WELLNESS (2-3 credits) P E 101, 102, 103, 111, 131, 149, 160, 165 or 169 _____</p> <p>5. ELECTIVES (2-3 credits) _____ _____</p>
---	--

SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	
SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	
SUMMER		FALL		WINTER		SPRING	
COURSE	Credits	COURSE	Credits	COURSE	Credits	COURSE	Credits
Total Credits		Total Credits		Total Credits		Total Credits	

- NOTES:**
- Students must maintain a minimum overall GPA of 2.0. This minimum may not meet the entrance requirements at a four-year college.
 - Some majors at a four-year college have special requirements. It is the student's responsibility to know these. Consult an Educational Planner or your Faculty Advisor for assistance in identifying or researching specific major requirements.