



Associate in Science Transfer Degree/Major Related Program–Option 2(AST-2/MRP)
Mechanical, Civil, Aeronautical, Industrial or Materials Science Pre-Engineering
 Minimum of 90 Credits (Summer 2015)

The Associate in Mechanical, Civil, Aeronautical, Industrial, or Materials Science Pre-Engineering AST-Option 2/MRP 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 109-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, including the last quarter in residence, at Green River Community College. Students should include some 200-level classes in their course of study.

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.

1. BASIC SKILLS (35 credits)

A. Communication Skills:

(5 credits)
Courses in this area support the written communication learning outcome.
English &101

B. Quantitative Skills/Symbolic Reasoning: (30 credits)

Courses in this area support the quantitative and symbolic reasoning learning outcome.
Mathematics &151, &152 &153, 238, 240 and &254

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

Minimum 5 credits each from humanities/fine arts/English and social science areas plus 5 additional credits in either area (for a total of 15 credits). Three separate areas.

A. Humanities/Fine Arts/ English

A minimum of 5 credits from the following. No more than 5 credits 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) may be applied to the Humanities/Fine Arts/English distribution.
Art &100, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 119, 120, 130, 133, 135, 212, 213, 214, 219, 251, 252, 253, 255, 256, 257

Chinese 111, &121, &122, &123
Communication Studies &102, &210, 212, 215, &220, &230, 238, 245, 265, 266
Dance 101, 102, 103, 110, 204
Drama &101, 102, 111, 151, 152, 153, 154, 157
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, &254, &255, &256, 257
Film 120, 121, 122, 191
French &121, &122, &123, &221
German &121, &122, &123
Humanities 100, 110, 133, 142, 146, 160, 186, 190, 191, 224
Japanese &121, &122, &123
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, 130.1, 130.2, 130.3, &131, &132, &133, 140, 141, 142, 218, 219, 220, &221, &222, 227, 228, 229, 230.1, 230.2, 230.3, &231, &232
Philosophy &101, 102, 103, 104, 105, 110, 112, 114, 115, 160, 200, 206, 210, 220, 236, 238, 240, 243
Photography 101, 102, 103, 111
Spanish 110, &121, &122, &123, &221, &222, &223

B. Social Science

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

American Minority and Ethnic Studies 100, 150, 211
Anthropology &100, &204, &205, &206, &207, &210, 211, &216, &234, &235, &236, 273
Business Management &101, &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
Psychology &100, &180, &200, 201, 209, &220, 225, 240
Social Science 160, 211
Sociology &101, &201, 202, 205, 215, 220, 230, 240, 245, 260, 271

3. SPECIFIC REQUIREMENTS (59 credits)

It is strongly suggested that students beginning their science sequence complete it at the

originating college.

A. Physics &221, &222 and &223 (15 credits)

B. Chemistry &161 (6 credits)

C. Select 22 credits from the following:

Computer Science 120
Engineering 100, 106, 120, &214, &215, &225

D. Select 16 credits from the following after consultation with a Science/Engineering advisor:

Chemistry &162
Computer Science &131, 132, &141, 145
English 128
Engineering &104, &114, 140, &204, &224, 250

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.

