



20000 68th Ave W
Lynnwood, WA 98036-5999
www.edcc.edu

**Associate of Science
Transfer Degree
Track 2
Mechanical, Civil, Aeronautical,
Industrial, Materials Science Pre-
Engineering
Program Requirements
2011-2012**

Student Name _____
Student ID _____

Program Description The Associate of Science (AS) transfer degree is designed to prepare mechanical, civil, aeronautical, industrial and materials science pre-engineering majors for transfer to a four-year institution with junior standing. The AS transfer degree will generally provide the transferring student with at least **110** credits upon entry to a four-year institution. This transfer degree will satisfy some, but not all, of the general education requirements at the receiving institution.

Students who enter Edmonds Community College with clear intentions of majoring in a field of engineering are strongly advised to plan their course of study by meeting with an appropriate adviser to review the specific degree requirements for their academic program at their intended transfer institution. For more information about the AS transfer degree and transferring to a 4-year college visit <http://transferdegrees.edcc.edu>

Degree Outcomes Outcomes for Edmonds Community College degrees and certificates can be found in the online college catalog at the bottom of each degree or certificate. To find specific outcomes, click on the degree or certificate from the program list in the online catalog at <http://catalog.edcc.edu>.

Common Course Numbering Changes Please refer to www.edcc.edu/ccn for more information.

Credit/Grade Requirements This AS transfer degree is awarded upon completion of a minimum of **118** credits of *General Requirements, Distribution Requirements, Specific Requirements, and Elective Courses* as outlined, with a minimum cumulative grade point average of 2.0 in all college-level courses. At least 30 credits must be earned at Edmonds Community College.

Cultural Diversity Students pursuing an AS transfer degree must meet the 5-credit Cultural Diversity requirement by completing courses marked as “:CD” on the requirement sheet and/or “Meets Cultural Diversity Requirement” in the quarterly class schedule. Those courses may also be used to fulfill other requirements of the degree.

Students Are Advised To

- Consult with an engineering faculty adviser and the appropriate department at your four-year transfer institution on course selection and completion of degree requirements
- Consult an engineering faculty advisor for approval to substitute Applied Numerical Methods for either CS& 131 or CS& 141 in the Electives section.
- Plan your schedule, in consultation with an engineering faculty adviser, several quarters in advance to accommodate courses that are offered only once or twice per year
- Review the college catalog for required course prerequisites and include these in schedule planning
- At least three quarters before you plan to graduate, contact any college(s) where you have earned credits and have your official transcript(s) sent to Edmonds Community College
- Submit an “Evaluation Request-Transfer Credits” form (available in Enrollment Services) to activate the process of transferring credits to Edmonds Community College

Graduation Application A completed Graduation Application form must be submitted to Enrollment Services by the 10th day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall, or online at www.edcc.edu/credentials/

College Resources

EdCC Home Page	http://www.edcc.edu
How to Enroll	http://getstarted.edcc.edu
Transfer Center	http://transfer.edcc.edu
College Bookstore	http://bookstore.edcc.edu
Advising appointments	425-640-1458

PLANNING NOTES

1. A maximum of 5 credits in performance/skills courses may be applied to the Humanities distribution requirement. (See the Distribution Requirements list)
2. A maximum of 5 credits in foreign language at the 100 level may be applied to the Humanities distribution requirement

<u>Course</u>	<u>Qtr</u>	<u>Cr</u>	<u>Gr</u>
I. General Requirements (13 Credits)			
Written Skills (10 Credits)			
ENGL& 101 English Composition I	___	5	___
ENGL& 102 Composition II OR ENGR 231 Intro to Tech Writing	___	5	___
HLTH/PE (3 Credits)			
HLTH 100 OR	___	3	___
HLTH 105 OR	___	4	___
HLTH 150 OR	___	3	___
PE _____	___	3	___
<input type="checkbox"/> Cultural Diversity requirement met (See page. 1)			
II. Distribution Requirements (15 Credits)			
A. Humanities (Minimum 5 Credits) (Planning Notes 1 and 2)			
_____	___	___	___
_____	___	___	___
B. Social Sciences (Minimum 5 Credits) (Economics Recommended)			
_____	___	___	___
_____	___	___	___
III. Specific Requirements (Minimum 70 Credits)			
<i>Class choices depend on major and transferring institution. Choose carefully in consultation with an adviser</i>			
ENGR 100 Engineering Orientation	___	3	___
MATH& 151 Calculus I	___	5	___
MATH& 152 Calculus II	___	5	___
MATH& 153 Calculus III	___	5	___
MATH 271 Differential Equations	___	5	___
MATH 272 Linear Algebra	___	5	___
CHEM& 141, 151 General Chemistry I	___	6	___
CHEM& 142, 152 General Chemistry II	___	6	___
ENGR& 214 Statics	___	5	___
ENGR& 215 Dynamics	___	5	___
ENGR& 225 Mechanics of Materials	___	5	___
PHYS& 221, 231 Engineering Physics I	___	5	___
PHYS& 222, 232 Engineering Physics II	___	5	___
PHYS& 223, 233 Engineering Physics III	___	5	___
IV. Electives (Minimum 20 Credits) (Select 4)			
<i>Class choice depends on major. Choose carefully in consultation with an adviser</i>			
ENGR& 104 Intro to Design	___	5	___
ENGR& 114 Engineering Graphics	___	5	___
ENGR 120 Computational Tools	___	3	___
ENGR& 204 Electrical Circuits	___	5	___
MATH& 254 Calculus IV	___	5	___
CS& 131 Computer Science I C++	___	5	___
CS& 141 Computer Science I JAVA	___	5	___
Total Credits (minimum 118 credits)			

Distribution Requirements

A. Humanities

American Sign Language	&121, &122, &123, &221, &222, &223
Arabic	121, 122, 123, 221, 222, 223
Art	&100, 111, 112, 113, 126, 127, 128, 129, 130, 155, 225, 255
Chinese	&121, &122, &123
Communications	101
Communication Studies	&101, &210, 215, &220, 225, &230, 235
Diversity Studies	157, 215, 257
Drama	&101
English	110, &111, 120, 125, 140, 141, 142, 151, 152, 155, 160, 161, 162, 165, 170, 171, 185, &220, &244, &245, &246, 255, 275, 276
French	&121, &122, &123, 210, &221, &222, &223
German	&121, &122, &123, 220
Humanities	101, 105, 106, 108, 109, 120, 201, 202, 210, 220, 230, 235, 255
Japanese	&121, &122, &123, &221, &222, &223
Journalism	125, 126, 135, 225
Music	101, 102, 103, &105, 106, 107, 126, &141, &142, &143, &241, &242, &243
Philosophy	&101
Spanish	&121, &122, &123, &221, &222, &223, 230

Performance/Skills Courses

Art	101, 102, 103, 150, 151, 152, 153, 170, 171, 172, 173, 175, 176, 177, 180, 181, 226
Drama	151, 152, 153, 251, 252, 253
Music	111, 112, 113, 114, 115, 116, 117, 118, 119, 133, 134, 135, 147, 148, 149, 160, 161, 162, 170, 171, 172, 173, 185, 186, 187, 211, 212, 213, 214, 215, 216, 217, 218, 219, 247, 248, 249, 260, 261, 262, 270, 271, 272, 273, 285, 286, 287
Photography	101, 102, 103

B. Social Sciences

Anthropology	&100, &104, 130, 155, 201, 202, 203, &206, &210, &215, &216, 255, 271
Business	&101
Diversity Studies	100, 117, 118, 119, 125, 130, 150, 151, 156, 200, 256
Economics	130, 140, 150, 155, &201, &202, 255
Geography	&100, 130, 140, 150, 207
History	104, 105, 106, 111, 112, &116, &117, &118, &146, &147, &148, 155, &214, 215, 230, 246, 248, 255
International Studies	200, 201, 202
Philosophy	&101, &106, 110, 155, 198, 255, 267, 298
Political Science	&101, 155, &200, &201, &202, &203, &204, 206, 210, 220, 224, 255
Psychology	&100, &200, 208, &220, 290
Social Science	155, 255
Sociology	&101, 115, 118, 125, 130, 150, 200, &201, 214
Women's Studies	200