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

For information on degree outcomes, see www.edcc.edu/outcomes/degrees.php.

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
• 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

PGM Code – OTRE
Effective summer 2010

Rev 03/10

This requirement sheet is not a substitute for meeting with an academic adviser. Meeting the requirements to graduate with an Edmonds Community College certificate or degree is ultimately the responsibility of the student.
## 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 HLTH 105**: 3
- **PE**: 3

## 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)

*Class choices depend on major and transferring institution. Choose carefully in consultation with an adviser*

- **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)

*Class choice depends on major. Choose carefully in consultation with an adviser*

- **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

<table>
<thead>
<tr>
<th>A. Humanities</th>
<th>B. Social Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>&amp;121, &amp;122, &amp;123, &amp;221,</td>
<td>&amp;100, &amp;104, 130, 155,</td>
</tr>
<tr>
<td>&amp;222, &amp;223</td>
<td>201, 202, 203, &amp;206, &amp;210,</td>
</tr>
<tr>
<td></td>
<td>&amp;215, &amp;216, 255, 271</td>
</tr>
</tbody>
</table>

### Performance/Skills Courses

<table>
<thead>
<tr>
<th>Art</th>
<th>Business</th>
</tr>
</thead>
<tbody>
<tr>
<td>101, 102, 103, 150, 151, 152, 153, 170, 171, 172, 173, 175, 176, 177, 180, 181, 226</td>
<td>&amp;101</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drama</th>
<th>Diversity Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>151, 152, 153, 251, 252, 253</td>
<td>100, 117, 118, 119, 125, 130, 150, 151, 156, 200, 256</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Music</th>
<th>Economics</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>History</th>
<th>Geography</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>International Studies</th>
<th>International Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>200, 201, 202</td>
<td>200, 201, 202</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Philosophy</th>
<th>Political Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>&amp;101, &amp;106, 110, 155, 198, 255, 267, 298</td>
<td>&amp;101, &amp;155, &amp;200, &amp;201, &amp;202, &amp;203, &amp;204, 206, 210, 224, 255</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Psychology</th>
<th>Social Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>&amp;100, 155, &amp;200, 208, &amp;220, 255, 290</td>
<td>155, 255</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sociology</th>
<th>Women’s Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>&amp;101, 115, 118, 125, 130, 150, 200, &amp;201, 214</td>
<td>200</td>
</tr>
</tbody>
</table>

---

Check that the requirement has been met:

- Cultural Diversity (5 credits)

  - **Course Title**