**Summary of Requirements**

Complete a minimum of **90 credits** in courses numbered 100 or above with a minimum of 2.0 GPA:

This degree is intended to prepare students to enter the second year of an Engineering Program after transfer. ENGR 104 is highly recommended for this specialization. In addition, the following set of courses fulfill the specialization requirement of the Associate of Science degree and is appropriate for students studying Mechanical, Civil, Aeronautical, Industrial or Material Science Engineering. Taking courses from the recommended electives will fulfill some of the second year requirements at 4-year transfer schools.

**General College Requirements**

- 5 credits writing skills
- 10 credits quantitative skills

**Humanities and Social Science**

- 5 credits social science
- 5 humanities
- 5 credits humanities or social science

**General Engineering Track II**

**Specialization Courses**

- 11 credits Chemistry
- 10 credits Math
- 15 credits Physics
- 24 credits Electives

**Plus**

- Fulfill all obligations to the college, financial or otherwise
- Fulfill general requirements for all degrees as described on page 29 of the catalog

Minimum grade-point average requirements are established by each institution. Meeting the minimum requirement does not guarantee admission.

---

**Math & Science Specialization Courses**

A total of thirty six (36) credits are required in Science and Math.

**Chemistry Requirements 11 Credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
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<tbody>
<tr>
<td>___CHEM&amp;161</td>
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<tr>
<td>___CHEM&amp;162</td>
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</table>

**Math Requirements 10 Credits**

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<tbody>
<tr>
<td>___MATH&amp;163</td>
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<tr>
<td>___MATH&amp;241</td>
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**Physics Requirements 15 Credits**

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<th>Course</th>
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<tr>
<td>___PHYS&amp;221</td>
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<tr>
<td>___PHYS&amp;222</td>
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<tr>
<td>___PHYS&amp;223</td>
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**Humanities & Social Science Distribution Area Requirements (15 credits required)**

Students must take at least 15 credits combined of humanities and social sciences, with at least 5 credits of social science and 5 credits in humanities to equal 15 credits. Use separate “Areas” for each class (preferred not required).

**Social Science (5-10 credits)**

One 5 credit course from areas labeled A through D is required.

**Courses transferred from other colleges**

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>CR</th>
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</thead>
</table>

**Humanities (5-10 credits)**

One 5 credit course from areas labeled A through G is required.

**Area A: Visual Arts**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>__ART&amp;101</td>
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<tr>
<td>__ART 104</td>
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<td>__ART 105</td>
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</table>

**Area B: Theatrical Arts**

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
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</thead>
<tbody>
<tr>
<td>__DRMA&amp;101</td>
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<tr>
<td>__THEA 161</td>
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<tr>
<td>__THEA 163</td>
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</tbody>
</table>

**Area C: Musical Arts**

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<thead>
<tr>
<th>Course</th>
<th>CR</th>
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<tbody>
<tr>
<td>__MUSC&amp;100</td>
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</tr>
<tr>
<td>__MUSC&amp;105</td>
<td></td>
</tr>
<tr>
<td>__MUSC&amp;121</td>
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</tbody>
</table>

**Area D: Literary Arts**

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
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<tbody>
<tr>
<td>__ENGL 208</td>
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<tr>
<td>__ENGL 209</td>
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<tr>
<td>__ENGL&amp;220</td>
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</table>

**Area E: Languages**

<table>
<thead>
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<th>Course</th>
<th>CR</th>
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<tbody>
<tr>
<td>__CHIN&amp;121</td>
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<tr>
<td>__FRCH&amp;121</td>
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<tr>
<td>__GERM&amp;122</td>
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<tr>
<td>__ITAL 125</td>
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<tr>
<td>__JAPN&amp;121</td>
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<tr>
<td>__LATIN 125</td>
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<td>__POL 125</td>
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<tr>
<td>__RUSS 125</td>
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<tr>
<td>__SPAN&amp;121</td>
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</table>

**Area F: Speech**

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<th>Course</th>
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<tbody>
<tr>
<td>__SPCH 101</td>
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<tr>
<td>__SPCH 201</td>
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**Area G: Culture and Ideas**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>__LING 101</td>
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<td>__PHIL&amp;101</td>
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**Courses transferred from other colleges**

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</table>
College Level Elective Courses
Select at least 24 additional credits of Electives.

Select remaining college level courses to reach a total of 90 credits. Select no more than 5 credits in this category that do not appear on the distribution requirements list or the specified electives on this worksheet. Pre-requisites may be used as electives.

Electives: The following courses are recommended as possible elective courses:
ENGR& 104, 214, 215; Math 220, 224; ENGR 240; ENGL& 235.

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<tr>
<th>Course</th>
<th>Cr</th>
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Specified Electives
Specified electives represent specialized or advanced college-level transfer courses.

__ACCT&201__ Principles of Acct. I __5__
__ACCT&202__ Principles of Acct. II __5__
__ACCT&203__ Principles of Acct. III __5__
__ART 102__ Drawing II __5__
__ART 103__ Drawing III __5__
__ART 251__ Painting I __5__
__ART 252__ Painting II __5__
__ART 260__ Intro. To Printmaking __5__
__ASIN&100__ Astronomy __5__
__BUS&101__ Intro. To Business __5__
__BUS&201__ Business Law __5__
__BIOL&100__ Intro. To Biology __5__
__BIOL 109__ Plants of W. Washington __5__
__BIOL &175__ Human Biology __5__
__BIOL 140__ Ecology __5__
__BIOL&160__ General Biology __5__
__BIOL&211__ Biological Science I __5__
__BIOL&212__ Biological Science II __5__
__BIOL&213__ Biological Science III __5__
__BIOL&241__ Human Anat. /Phys. I __5__
__BIOL&242__ Human Anat. /Phys. II __5__
__BIOL&260__ Microbiology __5__
__CHEM&110__ Chemical Concepts __5__
__CHEM&121__ Intro. To Chemistry __5__
__CHEM&131__ Intro. To Organic And __5__
__CHEM&163__ Gen. Chem. w/Lab III __6__
__CHEM&261__ Org. Chem. w/Lab I __6__
__CHEM&262__ Org. Chem. w/Lab II __6__
__CHEM&263__ Org. Chem. w/Lab III __3__
__CHIN&122__ Chinese II __5__
__CHINE&123__ Chinese III __5__
__CJUS 101__ Intro. To Crim. Justice __5__
__CJUS 151__ Drugs & Our Society __5__
__EARTH102__ Earth Science __5__
__EDUC 201__ Intro. To Teaching __5__
__EDUC 202__ Education Practicum __3__
__ENGL&235__ Technical Writing __5__
__ENGL&241__ Fiction Writing I __2__
__ENGL 242__ Poetry Writing I __2__
__ENGL 243__ Playwriting I __2__
__ENGL 281__ Fiction Writing II __2__
__ENGL 282__ Poetry Writing II __2__
__ENGL 283__ Playwriting II __2__
__ENGR&104__ Intro. To Engr. Design __5__
__ENGR&214__ Statistics __5__
__ENGR&215__ Dynamics __5__
__ENGR 240__ Applied Num. Methods __5__
__ENVS&100__ Environmental Science __5__
__GEOL&101__ Physical Geology __5__
__GEOL 107__ Intro. to Weather __5__
__ITAL 126__ Italian II __5__
__ITAL 127__ Italian III __5__
__LATIN 126__ Latin II __5__
__LATIN 127__ Latin III __5__
__LIB 101__ Intro. Info. Resource __2__
__MATH&107__ Math in Society __5__
__MATH 111__ Intro. To Finite Math __5__
__MATH&131__ Math for Elem. Ed. I __5__
__MATH&132__ Math for Elem. Ed. II __5__
__MATH&141__ Pre-calculus I __5__
__MATH&142__ Pre-calculus II __5__
__MATH&146__ Intro. To Statistics __5__
__MATH&148__ Business Calculus __5__
__MATH 220__ Linear Algebra __5__
__MATH 264__ Calculus 4 __5__

__MUSIC 117__ Beginning Piano I __1__
__MUSIC 118__ Beginning Piano II __1__
__MUSIC 119__ Beginning Piano III __1__
__MUSIC&122__ Ear Training II __2__
__MUSIC&123__ Ear Training III __2__
__MUSIC&132__ Music Theory II __3__
__MUSIC&133__ Music Theory III __3__
__MUSIC150-158__ Applied Music (Private Lessons) __1__
__MUSIC161-168__ Performance Groups __1-2__
__MUSIC 217__ Intermediate Piano I __1__
__MUSIC 218__ Intermediate Piano II __1__
__MUSIC 219__ Intermediate Piano III __1__
__MUSIC&221__ Ear Training 4 __2__
__MUSIC&222__ Ear Training 5 __2__
__MUSIC&223__ Ear Training 6 __2__
__MUSIC 231__ Intermediate Harmony __3__
__MUSIC 232__ Advanced Harmony I __3__
__MUSIC 233__ Advanced Harmony II __3__
__MUSIC&250__ Advanced Applied __258__
__MUSIC 261-286__ Music (private lessons) __1-2__
__NUTR&101__ Nutrition __5__
__PHYS&114__ General Physics I __5__
__PHYS&115__ General Physics II __5__
__PHYS&116__ General Physics III __5__
__POL 126__ Polish II __5__
__POL 127__ Polish III __5__
__POLS 110__ Law and Justice __5__
__POLS 200__ Foreign Policy of U.S. __5__
__POLS 204__ Intro. To Public Admin. __5__
__PSYC&180__ Human Sexuality __5__
__PSYC&200__ LifeSpan Psychology __5__
__PSYCH 210__ Psychology of Adjust. __5__
__PSYCH&220__ Abnormal Psychology __5__
__PSYCH 250__ Social Psychology __5__
__PSYCH 235__ Positive Psychology __5__
__RUSS 126__ Russian II __5__
__RUSS 127__ Russian III __5__
__SOC&201__ Social Problems __5__
__THEA 151-153__ Theatre Workshop __1-3__
__THEA 235__ Stagecraft __4__
__THEA 236__ Stage Lighting __4__
__THEA 270__ Stage Makeup __3__

*Bolded Courses are recommended for possible electives.

Courses transferred from other colleges

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