## General Education Plan for Mechanical Engineering Program

Students in the mechanical engineering program will satisfy the new PFW General Education Requirements in the following manner:

<table>
<thead>
<tr>
<th>Category</th>
<th>Competency</th>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1</td>
<td></td>
<td>ENG W13100 Elementary Composition</td>
<td>3</td>
</tr>
<tr>
<td>A 2</td>
<td></td>
<td>COM 11400 Fundamentals of Speech</td>
<td>3</td>
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<tr>
<td>A 3</td>
<td></td>
<td>MA 16500 Analytical Geometry and Calculus I</td>
<td>4</td>
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<tr>
<td>A 3</td>
<td></td>
<td>MA 16600 Analytical Geometry and Calculus II</td>
<td>4</td>
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<tr>
<td>B 4</td>
<td></td>
<td>CHM 11500 General Chemistry I</td>
<td>4</td>
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<tr>
<td>B 4</td>
<td></td>
<td>PHYS 15200 Mechanics</td>
<td>5</td>
</tr>
<tr>
<td>B 5</td>
<td></td>
<td>Select from list of approved courses</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td>All Competency 5 outcomes must be met</td>
<td></td>
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<tr>
<td>B 6</td>
<td></td>
<td>Select from list of approved courses</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td>All Competency 6 outcomes must be met</td>
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<tr>
<td>B 7</td>
<td></td>
<td>Select from list of approved courses</td>
<td>3</td>
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<tr>
<td>C 8</td>
<td></td>
<td>Senior Design I (ENGR 41000 or ME 48700)</td>
<td>3</td>
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</tbody>
</table>

**Total Credit Hours = 35**

1) This plan satisfies the competency requirements and the credit hour requirement.
2) For B 5 and B 6, if a student selected a course that does not meet ALL outcomes for that competency, he/she must take another course that meets rest of the outcomes for that competency.
Area B5 Course Number and/or Title | Area B6 Continued | Area B7 Continued
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ANTH 10501 - Culture and Society | ENGL 20201 - Literary Interpretation | DANC 39000 - Introduction to Dance
ANTH 20020 - Language and Culture | ENGL 25001 - American Literature Before 1865 | EALC 10101 - Elementary Japanese I
ANTH 20033 - Intro to Prehistoric Archaeology | ENGL 25100 - American Literature Since 1865 | EALC 10201 - Elementary Japanese II
ANTH 44500 - Medical Anthropology | FOLK 10100 - Introduction to Folklore | EAPS 30000 - Environmental and Urban Geology
ANTH 47000 - Psychological Anthropology | FOLK 11100 - Introduction to World Folk Music | EAPS 30500 - Geologic Fund in Earth Science
CDFS 25500 - Intro to Couple & Family Relationships | FVS 10100 - Introduction to Film | ENGL 19000 - Rhetorical Reading
COM 20200 - Study of Interpersonal Comm. | GER 37100 - Special Topics In Germanic Studies | ENGL 10302 - Introductory Creative Writing
COM 25000 - Mass Communication and Society | HIST 10501 - American History I | ENGL 20301 - Creative Writing
COM 30300 - Intercultural Communication | HIST 10601 - American History II | FNN 40300 - Advanced Nutrition
CSD 11500 - Intro to Communication Disorders | HIST 11300 - History of Western Civilization I | FR 11100 - Elementary French I
ECON 10101 - Survey of Economic Issues & Problems | HIST 11400 - History of Western Civilization II | FR 11200 - Elementary French II
ECON 20000 - Fundamentals of Economics | HIST 20101 - Russian Civilization I-II | GEOG 31500 - Environmental Conservation
EDU 34001 - Education and American Culture | HIST 23200 - The World in the 20th Century | GER 11100 - Elementary German I
GERN 23100 - Introduction to Gerontology | MUSC 10101 - Music for the Listener | GER 11201 - Elementary German II
IET 10500 - Industrial Management | MUSC 10500 - Traditions in World Music | INTL 20000 - Intro International Studies
LING 10300 - Intro to the Study of Language | MUSC 20103 - History of Rock and Roll Music | INTR 33000 - Culture & Design
OLS 25200 - Human Relations in Organizations | PHIL 11000 - Introduction to Philosophy | LGBT 20000 - Intro Scholarship in to LGBT Issues
PSY 24000 - Introduction to Social Psychology | PHIL 11101 - Contemporary Moral Problems | MUSC 15300 - Introduction to Music Therapy
PSY 23500 - Child Psychology | PHIL 24000 - Social and Political Philosophy | MUSC 14000 - Introduction to Musical Expression
PSY 36900 - Abnormal Psychology | PHIL 30100 - History of Ancient Philosophy | NELC 10000 - Elementary Arabic I
PSY 35000 - Introduction to Comparative Politics | PHIL 30200 - History of Medieval Philosophy | NELC 15000 - Elementary Arabic II
PSYG 26000 - Elements of Law | PHIL 30300 - History of Modern Philosophy | OLS 45400 - Gender and Diversity in Management
PSY 21000 - Making Democracy Work | PHIL 30400 - 19th Century Philosophy | PHIL 12000 - Critical Thinking
PSY 23100 - Introduction to Public Policy | PHIL 30500 - Philosophical Theories of Feminism | PHIL 15000 - Principles of Logic
PSY 25200 - Sports and Public Policy | PHIL 31200 - Medical Ethics | PHIL 27500 - The Philosophy of Art
PSY 30101 - Political Parties and Interest Groups | PHIL 32700 - Environmental Ethics | PHIL 32600 - Business Ethics
PSY 31900 - The United States Congress | PHIL 32800 - Ethics and Animals | PHIL 35100 - Philosophy of Science
PPOL 17000 - Introduction to Public Affairs | REL 23000 - Religions of the East | REL 35200 - History & Philosophy of Science
PSY 12000 - Elementary Psychology | REL 23100 - Religions of the West | REL 43500 - Philosophy of Mind
PSY 23500 - Child Psychology | REL 30100 - Islam | REL 46500 - Philosophy of Language
PSY 24000 - Introduction to Social Psychology | SPAN 27500 - Hispanic Culture and Conversation | WYS 13600 - Chaos and Fractals
PSY 33500 - Stereotyping and Prejudice | THTR 20100 - Theatre Appreciation | WYS 30200 - Puzzles, Strategy Games, & Problem Solving
PSY 35000 - Abnormal Psychology | WOST 22500 - Gender, Sexuality, and Popular Culture | POL 27500 - Politics and Film
PSY 36900 - Development Across the Lifespan | Area B7 Course Number and/or Title | POL 28500 - Science and Politics
SOC 16101 - Principles of Sociology | AD 10901 - Introduction toDrawing for Non-majors | PPOL 16200 - Environment and People
SOC 16300 - Social Problems | AD 13300 - Metalsmithing for Non-majors | PST 24600 - Language Development
SOC 31701 - Social Stratification | AD 16500 - Ceramics for Non-majors | PST 44400 - Human Sexual Behavior
SOC 32501 - Criminology | AD 23900 - Painting for Non-majors | REL 11200 - Religion and Culture
SOC 36000 - Topics in Social Policy | ANTH 37001 - Ancient Cultures of South America | REL 30000 - Religions of the Ancient World
WOST 21000 - Introduction to Women's Studies | ANTH 42100 - Moche Archaeology Seminar | SOC 10900 - Community and the Built Environment
Area B6 Course Number and/or Title | Area B6 Course Number and/or Title | Area B6 Course Number and/or Title
AD 10101 - Art Appreciation | ARE 12300 - Digital Graphics For Built Environment I | SPAN 11101 - Elementary Spanish I
AD 11101 - History Of Art I: Prehistoric To Medieval | ARE 21000 - Architecture and Urban Form | SPAN 11201 - Elementary Spanish II
AD 11201 - History Of Art II | ARE 22300 - Digital Graph. for Built Environment II | SPAN 11300 - Accelerated First Year Spanish
CLCS 25000 - Classical Mythology | ARE 22500 - Creative House Design | THTR 13400 - Fundamentals of Performance
COM 21000 - Debating Public Issues | ARE 31000 - Architecture & Urban Form | THTR 32510 - History of Modern Drama
COM 24800 - Intro to Media Criticism and Analysis | CE 23600 - Transportation Policy, Planning, & Impl | WOST 24000 - Topics in Feminism
ENG 10101 - Western World Masterpieces I | COM 21001 - Visual Communication | ENG 10201 - Western World Masterpieces II
ENG 10201 - Western World Masterpieces II | CS 11200 - Survey of Computer Science

Source: 2016-2017 Bulletin

Students must earn a grade of C- or better in each course used to satisfy the PFW general education requirements. Above courses satisfy all competencies for the respective requirements. Consult the PFW bulletin for additional courses & requirements. Courses in **bold** have been recommended by the Industry Advisory Board as being beneficial for mechanical engineering students.