

General Education Plan for Mechanical Engineering Program

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

Category	Competency	Course	Credit Hours
A	1	ENG W131 Elementary Composition	3
A	2	COM 114 Fundamentals of Speech	3
A	3	MA 165 Analytical Geometry and Calculus I MA 166 Analytical Geometry and Calculus II	4 4
B	4	CHM 115 General Chemistry I PHYS 152 Mechanics	4 5
B	5	Select from list of approved courses <i>All Competency 5 outcomes must be met</i>	3
B	6	Select from list of approved courses <i>All Competency 6 outcomes must be met</i>	3
B	7	Select from list of approved courses	3
C	8	Senior Design I (ENGR 410 or ME 487)	3
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.

Mechanical Engineering Program - General Education Courses

Area B5 Course Number and/or Title	Area B6 Continued	Area B7 Continued
ANTH E105 - Culture and Society	FILM K101 - Introduction to Film	ENG W203 - Creative Writing
ANTH L200 - Language and Culture	FINA H101 - Art Appreciation	FINA N108 - Introduction to Drawing for Non-majors
ANTH P200 - Intro to Prehistoric Archaeology	FINA H111 - History Of Art I: Prehistoric To Medieval	FINA P133 - Metalsmithing for Non-Majors
ANTH E445 - Medical Anthropology	FINA H112 - History Of Art II	FINA S165 - Ceramics for Non-majors
ANTH E470 - Psychological Anthropology	FOLK F101 - Introduction to Folklore	FINA S239 - Painting for Non-majors
COM 21200 - Study of Interpersonal Comm.	FOLK F111 - Introduction to World Folk Music	FNN 40300 - Advanced Nutrition
COM 25000 - Mass Communication and Society	GER E371 - Special Topics In Germanic Studies	FREN F111 - Elementary French I
COM 30300 - Intercultural Communication	HIST H105 - American History I	FREN F112 - Elementary French II
CDFS 25500 - Intro to Couple & Family Relationships	HIST H106 - American History II	GEOG G315 - Environmental Conservation
CSD 11500 - Intro to Communication Disorders	HIST H113 - History of Western Civilization I	GEOL G300 - Environmental and Urban Geology
ECON E101 - Survey of Economic Issues & Problems	HIST H114 - History of Western Civilization II	GEOL G305 - Geologic Fund. in Earth Science
ECON E200 - Fundamentals of Economics	HIST H201 - Russian Civilization I-II	GER G111 - Elementary German I
EDUC H340 - Education and American Culture	HIST H232 - The World in the 20th Century	GER G112 - Elementary German II
GERN G231 - Introduction to Gerontology	MUS Z101 - Music for the Listener	INTL I200 - Intro International Studies
IET 10500 - Industrial Management	MUS Z105 - Traditions in World Music	INTR 33000 - Culture & Design
LING L103 - Intro to the Study of Language	MUS Z201 - History of Rock and Roll Music	JOUR J210 - Visual Communication
OLS 25200 - Human Relations in Organizations	PHIL 11000 - Introduction to Philosophy	LGBT 20000 – Intro Scholarship in to LGBT Issues
OLS 26800 - Elements of Law	PHIL 11009 - Introduction to Philosophical Topics	LING L360 - Language in Society
POLS Y100 - American Political Controversies	PHIL 11100 - Ethics	MEST M201 - Medieval Encounters
POLS Y101 - Introduction to Political Science	PHIL 11101 - Contemporary Moral Problems	MUS L153 - Introduction to Music Therapy
POLS Y103 - Introduction to American Politics	PHIL 24000 - Social and Political Philosophy	MUS Z140 - Introduction to Musical Expression
POLS Y107 - Introduction to Comparative Politics	PHIL 30100 - History of Ancient Philosophy	NELC A100 - Elementary Arabic I
POLS Y109 - Introduction to International Relations	PHIL 30200 - History of Medieval Philosophy	NELC A150 - Elementary Arabic II
POLS Y208 - Scandals and Conspiracy Theories	PHIL 30300 - History of Modern Philosophy	OLS 45400 - Gender and Diversity in Management
POLS Y212 - Making Democracy Work	PHIL 30400 - 19th Century Philosophy	PHIL 12000 - Critical Thinking
POLS Y213 - Introduction to Public Policy	PHIL 30500 - Philosophical Theories of Feminism	PHIL 15000 - Principles of Logic
POLS Y252 - Sports and Public Policy	PHIL 31200 - Medical Ethics	PHIL 27500 - The Philosophy of Art
POLS Y301 - Political Parties and Interest Groups	PHIL 32700 - Environmental Ethics	PHIL 32600 - Business Ethics
POLS Y319 - The United States Congress	PHIL 32800 - Ethics and Animals	PHIL 35100 - Philosophy of Science
PPOL V170 - Introduction to Public Affairs	REL 23000 - Religions of the East	PHIL 35200 - History & Philosophy of Science
PSY 12000 - Elementary Psychology	REL 23100 - Religions of the West	PHIL 43500 - Philosophy of Mind
PSY 23500 - Child Psychology	REL 30100 - Islam	PHIL 46500 - Philosophy of Language
PSY 24000 - Introduction to Social Psychology	SPAN S275 - Hispanic Culture and Conversation	PHYS 13600 - Chaos and Fractals
PSY 33500 - Stereotyping and Prejudice	THTR 20100 - Theatre Appreciation	PHYS 30200 - Puzzles, Strategy Games, & Problem
PSY 35000 - Abnormal Psychology	WOST W225 - Gender, Sexuality, and Popular Culture	POLS Y275 - Politics and Film
PSY 36900 - Development Across the Lifespan	Area B7 Course Number and/or Title	POLS Y285 - Science and Politics
SOC S161 - Principles of Sociology	ANTH B426 - Human Osteology	PPOL E162 - Environment and People
SOC S163 - Social Problems	ANTH P370 - Ancient Cultures of South America	PSY 42600 - Language Development
SOC S317 - Social Stratification	ANTH P421 - Moche Archaeology Seminar	PSY 44400 - Human Sexual Behavior
SOC S325 - Criminology	ARET 12300 - Digital Graphics For Built Environment I	REL 11200 - Religion and Culture
SOC S360 - Topics in Social Policy	ARET 21000 - Architecture and Urban Form	REL 30000 - Religions of the Ancient World
WOST W210 - Introduction to Women's Studies	ARET 22300 - Digital Graph. for Built Environ.t II	SOC S109 - Community and the Built Environment
Area B6 Course Number and/or Title	ARET 22500 - Creative House Design	SOC S314 - Social Aspects of Health and Medicine
CLAS C205 - Classical Mythology	ARET 31000 - Architecture & Urban Form	SPAN S111 - Elementary Spanish I
COM 21000 - Debating Public Issues	CE 23600 - Transportation Policy, Planning, &	SPAN S112 - Elementary Spanish II
COM 24800 - Intro to Media Criticism and Analysis	CS 11200 - Survey of Computer Science	SPAN S113 - Accelerated First Year Spanish
ENG L101 - Western World Masterpieces I	DANC 39000 - Introduction To Dance	THTR 13400 - Fundamentals of Performance
ENG L102 - Western World Masterpieces II	EALC J101 - Elementary Japanese I	THTR 32510 - History of Modern Drama
ENG L202 - Literary Interpretation	EALC J102 - Elementary Japanese II	WOST W240 - Topics in Feminism
ENG L250 - American Literature Before 1865	ENG R190 - Rhetorical Reading	
ENG L251 - American Literature Since 1865	ENG W103 - Introductory Creative Writing	

Source: 2016-2017 Bulletin

Students must earn a grade of C- or better in each course used to satisfy the IPFW general education requirements.

Above courses satisfy all outcomes for the respective competencies. Consult the IPFW bulletin for additional courses & requirements.

Courses in **bold** have been recommended by the Industry Advisory Board as being beneficial for mechanical engineering students.