

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	4
		MA 166 Analytical Geometry and Calculus I	4
B	4	CHM 115 General Chemistry I	4
		PHYS 152 Mechanics	5
B	5	Select from list of approved courses all Competency 5 outcomes must be met	3
B	6	Select from list of approved courses all Competency 6 outcomes must be met	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*

Category B5. Social and Behavioral Ways of Knowing

ANTH E105 - Culture and Society
ANTH L200 - Language and Culture
COM 25000 - Mass Communication and Society
COM 30300 - Intercultural Communication
CDFS 25500 - Introduction to Couple and Family Relationships
ECON E200 - Fundamentals of Economics
GERN G231 - Introduction to Gerontology
IET 10500 - Industrial Management
LING L103 - Introduction to the Study of Language
OLS 25200 - Human Relations in Organizations
OLS 26800 - Elements of Law
POLS Y101 - Introduction to Political Science
POLS Y103 - Introduction to American Politics
POLS Y107 - Introduction to Comparative Politics
POLS Y109 - Introduction to International Relations
POLS Y212 - Making Democracy Work
POLS Y252 - Sports and Public Policy
POLS Y301 - Political Parties and Interest Groups
POLS Y319 - The United States Congress
PSY 12000 - Elementary Psychology
PSY 23500 - Child Psychology
PSY 24000 - Introduction to Social Psychology
PSY 33500 - Stereotyping and Prejudice
PSY 35000 - Abnormal Psychology
PSY 36900 - Development Across the Lifespan
SOC S161 - Principles of Sociology
SOC S163 - Social Problems
SOC S317 - Social Stratification
SOC S325 - Criminology
SOC S360 - Topics in Social Policy
WOST W210 - Introduction to Women's Studies

Category B6. Humanistic and Artistic Ways of Knowing

CLAS C205 - Classical Mythology
COM 24800 - Introduction to Media Criticism and Analysis
ENG L101 - Western World Masterpieces I
ENG L102 - Western World Masterpieces II
ENG L202 - Literary Interpretation
ENG L250 - American Literature Before 1865
ENG L251 - American Literature Since 1865
FILM K101 - Introduction to Film
FINA H101 - Art Appreciation
FINA H111 - History Of Art I: Prehistoric To Medieval
FINA H112 - History Of Art II: Renaissance To Contemporary
GER E371 - Special Topics In Germanic Studies
HIST H105 - American History I
HIST H106 - American History II
HIST H113 - History of Western Civilization I
HIST H114 - History of Western Civilization II
HIST H201 - Russian Civilization I-II
HIST H232 - The World in the 20th Century
MUS Z105 - Traditions in World Music
PHIL 11000 - Introduction to Philosophy
PHIL 11100 - Ethics
PHIL 30100 - History of Ancient Philosophy
PHIL 30300 - History of Modern Philosophy
PHIL 30200 - History of Medieval Philosophy
PHIL 30400 - 19th Century Philosophy
PHIL 31200 - Medical Ethics
REL 23000 - Religions of the East
REL 23100 - Religions of the West
REL 30100 - Islam
SPAN S275 - Hispanic Culture and Conversation
THTR 20100 - Theatre Appreciation
WOST W225 - Gender, Sexuality, and Popular Culture

Category B7. Interdisciplinary or Creative Ways of Knowing *

ANTH B426 - Human Osteology
ANTH P370 - Ancient Cultures of South America
ANTH P421 - Moche Archaeology Seminar
ARET 12300 - Digital Graphics For Built Environment I
ARET 21000 - Architecture and Urban Form
ARET 22300 - Digital Graphics for Built Environment II
ARET 22500 - Creative House Design
ARET 31000 - Arch. and Urban Form in the Modern World
ASTR 36400 - Stars And Galaxies
BUS W100 - Principles of Business Administration
CS 11200 - Survey of Computer Science
DANC 39000 - Introduction To Dance
EALC C101 - Elementary Chinese I
EALC C102 - Elementary Chinese II
EALC J101 - Elementary Japanese I
EALC J102 - Elementary Japanese II
ENG R190 - Rhetorical Reading
ENG W103 - Introductory Creative Writing
ENG W203 - Creative Writing
FINA N108 - Introduction to Drawing for Nonmajors
FINA S165 - Ceramics for Nonmajors
FINA S239 - Painting for Nonmajors
FNN 40300 - Advanced Nutrition: Food from Farm to Fork
FREN F111 - Elementary French I
FREN F112 - Elementary French II
GEOG G315 - Environmental Conservation
GEOL G300 - Environmental and Urban Geology
GEOL G305 - Geologic Fundamentals in Earth Science
GER G111 - Elementary German I
GER G112 - Elementary German II
INTL I200 - Introduction to International Studies
INTR 33000 - Culture and Design: A Cross-Culture Comp. of Arch.
JOUR J210 - Visual Communication
LGBT 20000 - Introduction to Scholarship on LGBT Issues
LING L360 - Language in Society
MUS L153 - Introduction to Music Therapy
MUS Z140 - Introduction to Musical Expression
NELC A100 - Elementary Arabic I
NELC A150 - Elementary Arabic II
OLS 45400 - Gender and Diversity in Management
PACS P200 - Introduction to Peace and Conflict Studies
PHIL 12000 - Critical Thinking
PHIL 15000 - Principles of Logic
PHIL 27500 - The Philosophy of Art
PHIL 35100 - Philosophy of Science
PHIL 35200 - Topics in the History and Philosophy of Science
PHIL 43500 - Philosophy of Mind
PHIL 46500 - Philosophy of Language
PHYS 13600 - Chaos and Fractals
PHYS 30200 - Puzzles, Strategy Games, and Problem Solving
POLS Y275 - Politics and Film
POLS Y285 - Science and Politics
PSY 42600 - Language Development
PSY 44400 - Human Sexual Behavior
REL 11200 - Religion and Culture
REL 30000 - Religions of the Ancient World
SOC S109 - Community and the Built Environment
SOC S314 - Social Aspects of Health and Medicine
SPAN S111 - Elementary Spanish I
SPAN S112 - Elementary Spanish II
SPAN S113 - Accelerated First Year Spanish
THTR 13400 - Fundamentals of Performance
THTR 32510 - History of Modern Drama
WOST W240 - Topics in Feminism

*Above courses satisfy all outcomes for the respective competencies

*Consult the IPFW bulletin for additional courses & requirements

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