

**Departmental/Program Major Courses (120 credits)**

**Required Major Courses (59 credits)**

- \_\_\_\_\_ (3) MET 10200 – Production Specifications
- \_\_\_\_\_ (3) MET 11100 – Applied Statics
- \_\_\_\_\_ (3) MET 14300 – Materials and Processes I
- \_\_\_\_\_ (3) MET 14400 – Materials and Processes II (MET Gateway Course)
- \_\_\_\_\_ (4) MET 21100 – Applied Strength of Materials
- \_\_\_\_\_ (3) MET 21300 - Dynamics
- \_\_\_\_\_ (3) MET 22000 - Heat/Power
- \_\_\_\_\_ (3) MET 23000 -- Fluid Power
- \_\_\_\_\_ (3) MET 24500 – Manufacturing Systems
- \_\_\_\_\_ (3) MET 28400 – Introduction to Industrial Controls
- \_\_\_\_\_ (3) MET 31300 – Fluid Mechanics
- \_\_\_\_\_ (3) MET 32000 – Thermodynamics
- \_\_\_\_\_ (3) MET 34600 - Advanced Materials in Manufacturing
- \_\_\_\_\_ (3) ENGT 18000—Engineering Technology Foundations
- \_\_\_\_\_ (1) ENGT 18100—Engineering Technology Applications

**MET Selectives – (15 credits, included in required major credit total)**

- \_\_\_\_\_ (3) MET Elective or approved Focus Area elective
- \_\_\_\_\_ (3) Mechanics Selective
- \_\_\_\_\_ (3) MET Capstone Selective I
- \_\_\_\_\_ (3) MET Capstone Selective II
- \_\_\_\_\_ (3) Technical Selective or approved Focus Area Selective

**Other Departmental/Program Course Requirements (61 credits)**

- \_\_\_\_\_ (3) Freshman Speech Selective (choose from COM 11400, \*SPCH-S 121, SCLA 10200) (*satisfies Oral Communication for core*)
- \_\_\_\_\_ (3) Communications Selective (choose from COM 31500, COM 32000, COM 41500, EDPS 31500)
- \_\_\_\_\_ (3) Technical Writing Selective (choose from ENGL 42100, ENGL 42400)
- \_\_\_\_\_ (3) IET 45100 or TLI 33400 – Economic Analysis of Technical Systems
- \_\_\_\_\_ (3) MA 16010 - Applied Calculus I (*satisfies Quantitative Reasoning for core*)
- \_\_\_\_\_ (3) MA 16020 - Applied Calculus II
- \_\_\_\_\_ (3) ECET 22400 – Electronics Systems
- \_\_\_\_\_ (3) CHM 11100 – (\*CHEM-C 101 & 121) General Chemistry
- \_\_\_\_\_ (4) PHYS 22000 - (\*PHYS-P 201 OR 221) General Physics (*satisfies Science for core*)
- \_\_\_\_\_ (4) PHYS 22100 - (\*PHYS-P 202 OR 222) General Physics II (*satisfies Science for core*)
- \_\_\_\_\_ (3) STAT 30100 – (\*Math-K 310) Statistical Methods
- \_\_\_\_\_ (3) TECH 12000 - Design Thinking in Technology (*satisfies Information Literacy and Science, Technology & Society for core*)
- \_\_\_\_\_ (3) Freshman Composition Selective (choose from ENGL 10600 or ENGL 10800 (\*ENG-W 131) (*satisfies Written Communication for core*))
- \_\_\_\_\_ (3) Economics/Finance Selective (choose from ECON 21000, ECON 25100, ECON 25200, CSR 34200, or ENTR 20000) (\*ECON-E 103 or ECON-E 104)
- \_\_\_\_\_ (3) General Education Human Cultures: Humanities Selective (*satisfies Human Cultures Humanities for core*)
- \_\_\_\_\_ (3) General Education Human Cultures: Behavior/Social Sciences (*satisfies Human Cultures: Behavioral Sciences for core*)
- \_\_\_\_\_ (2) Computer Graphics Technology Selective (choose from CGT 11000, CGT 16300, or IT 10500)
- \_\_\_\_\_ (3) Programming Selective (choose from CNIT 10500, CNIT 15501, CNIT 17500, CS 15800 or CS 15900, MET 16400)
- \_\_\_\_\_ (3) Global/Professional Selective
- \_\_\_\_\_ (3) Technical/Management (TECH/MGMT) Selective
- \_\_\_\_\_ (0) Intercultural Requirements
- \_\_\_\_\_ (0) Professional Requirement

**University Core Requirements**

Human Cultures: Behavioral/Social Sciences	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	_____
Human Cultures: Humanities	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	_____
Information Literacy	<input type="checkbox"/>	_____	Science, Technology & Society	<input type="checkbox"/>	_____
Oral Communication	<input type="checkbox"/>	_____	Written Communication	<input type="checkbox"/>	_____
Quantitative Reasoning	<input type="checkbox"/>	_____			

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**The student is ultimately responsible for knowing and completing all degree requirements.**

**myPurduePlan is the knowledge source for specific requirements and completion.**

\*\*\*\*\*Updated 5-10-2018

Fall 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by	Spring 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by
CGT Selective - <b>CGT 11000</b>	3				<b>MA 16010</b> Applied Calculus I (Prereq: ALEKS score 75)	3			
Freshman Composition Selective – <b>ENG-W 131</b> (IUSB)	3				<b>MET 11100</b> Applied Statics (Prereqs: ENGT 18000)	3			
<b>MET 14400</b> Materials and Processes II	3				<b>MET 14300</b> Materials and Processes I	3			
<b>ENGT 18000</b> Engineering Technology Foundations	3				<b>MET 10200</b> Production Specifications (Prereqs: CGT selective and ENGT 18000)	3			
<b>ENGT 18100</b> Engineering Tech Apps	1				PHYS 22000 General Physics I	5			
<b>TECH 12000</b> Design Thinking in Tech.	3				<b>PHYS-P 221 or 201</b> (IUSB)				
<b>TOTAL CREDIT HOURS</b>	<b>16</b>				<b>TOTAL CREDIT HOURS</b>	<b>17</b>			

Fall 2 <sup>nd</sup> Year	CR	GR	Sem	Fulfilled by	Spring 2 <sup>nd</sup> Year	CR	GR	Sem	Fulfilled by
<b>ECET 22400</b> Electronics Systems (Prereq: MA 16010)	3				<b>MET 23000</b> Fluid Power (Prereqs: MET 11100 and MA 16010)	3			
<b>MA 16020</b> Applied Calculus II (Prereq: MA 16010 with grade of C- or higher)	3				<b>Programming Selective</b>	3			
<b>MET 21100</b> Strength of Materials (Prereqs: MET 11100 and MA 16010)	4				Freshmen Speech Selective	3			
<b>MET 21300</b> Dynamics (Prereqs: MA 16020 and MET 11100)	3				<b>MET 28400</b> Intro to Industrial Controls (Prereq: ECET 22400)	3			
<b>MET 24500</b> Manufacturing Systems (Prereqs: (MET 14300 or 14400) and CGT Sel)	3				PHYS 22100 General Physics II (Prereq: PHYS 2200) – <b>PHYS-P 222 or 202</b> (IUSB))	5			
<b>TOTAL CREDIT HOURS</b>	<b>16</b>				<b>TOTAL CREDIT HOURS</b>	<b>17</b>			

Fall 3 <sup>rd</sup> Year	CR	GR	Sem	Fulfilled by	Spring 3 <sup>rd</sup> Year	CR	GR	Sem	Fulfilled by
CHM 111 General Chemistry – <b>CHEM-C 101 &amp; CHEM-C 121</b> (IUSB)	5				<b>MET 32000</b> Thermodynamics (Prereqs: MA 16010 and MET 22000)	3			
<b>MET 22000</b> Heat Power (Prereqs: PHYS 22000, MA 16010 & ENGT 18000)	3				<b>MET 34600</b> Advanced Materials in Mfg (Prereqs: MET 21100, MET 24500 and CHM 11100)	3			
Humanities Selective	3				Economics/Finance Selective	3			
Technical Writing Selective	3				<b>STAT 30100 – MATH-K 310</b> Statistical Tech	3			
Technical/Management Selective	3				Global/Professional Selective	3			
<b>TOTAL CREDIT HOURS</b>	<b>17</b>				<b>TOTAL CREDIT HOURS</b>	<b>15</b>			

Fall 4 <sup>th</sup> Year	CR	GR	Sem	Fulfilled by	Spring 4 <sup>th</sup> Year	CR	GR	Sem	Fulfilled by
<b>TLI 33400</b> Economic Analysis of Technical Systems (Prereq: MA 16010)	3				<b>MET Capstone</b> Selective II (Prereq: Capstone Selective I)	3			
<b>MET Capstone</b> Selective I	3				<b>MET Elective</b> or approved Focus Area elective	3			
<b>MET 31300</b> Fluid Mechanics (Prereqs: MA 16020, MET 22000 and MET 23000)	3				<b>Technical Selective</b> or approved Focus Area elective	3			
<b>Mechanics Selective</b>	3				Behavioral Social Science Selective	3			
Communications Selective	3				Intercultural Requirement	0			
					Professional Requirement	0			
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				<b>TOTAL CREDIT HOURS</b>	<b>15</b>			

Refer to the 2018 MET supplemental Instruction sheet for optional courses to complete selectives and prerequisites.

- 120 semester credits and a 2.0 Graduation GPA are required for the Bachelor of Science degree.
- Students must earn a "D-" or better in all courses unless otherwise noted.
- Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
- 32 credit hours of 300-level or higher courses must be completed at Purdue University.
- Complete the Global / Intercultural Requirement (ungraded).
- Complete the Professional Requirement (ungraded).

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\*\*\*\*\* Updated 4/25/2017

**2018 MET SUPPLEMENTAL INFORMATION**  
**All prerequisites must be met**

**BOLD indicates courses offered at the South Bend location.**

**\*Indicates approved IUSB course for South Bend location.**

CGT SELECTIVE

**CGT 11000 Technical Graphics Communications**

CGT 16300 Graphical Communication and Spatial Analysis

IT 10500 Intro to Engineering Design

PROGRAMMING SELECTIVE

**CNIT 10500 Introduction to C Programming** or \*CSCI-C 101

Computer Programming I

CNIT 15501 Intro to Software Development Concepts

**CNIT 17500 Visual Programming**

CS 15800 C Programming

CS 15900 Programming Applications for Engineers

CS 17700 Programming with Multimedia Objects

CS 18000 Problem Solving and Object-Oriented Programming

MET 16400 Computing in Engineering Technology

FRESHMAN COMPOSITION

ENGL 10600 First-Year Composition

ENGL 10800 Accelerated First-Year Composition

COM 11400 Fundamentals of Speech Communication

**\*SPCH-S 121 Public Speaking**

SCLA 10200 Transformative Texts, Critical Thinking and Communication II: Modern World

FRESHMAN SPEECH SELECTIVE

**\*ENG-W 131 Reading, Writing & Inquiry**

ECONOMICS/FINANCE SELECTIVE

CSR 3420 Personal Finance

ECON 2100 Principles of Economics

ECON 25100 Microeconomics

**\*ECON-E 103 Intro Microeconomics**

**\*ECON-E 104 Intro to Macroeconomics**

ECON 25200 Macroeconomics

ENTR courses 20000 and 31000

COMMUNICATION SELECTIVE

COM 31500 Speech Communication of Technical Information

**COM 32000 Small Group Communication**

COM 41500 Discussion of Technical Problems

EDPS 31500 Collaborative Leadership: Interpersonal Skills

TECHNICAL WRITING SELECTIVE

**ENGL 42100 Technical Writing**

ENGL 42400 Writing for High Technology Industries

TECHNICAL SELECTIVE

A 300-400 level ENGR, ECET, MFET (except MFET 30000), CS or elective IET course.

A CHM, MA, PHYS or STAT course beyond what is required.

Any **MET elective** course

ANSC 23000 Physiology of Domestic Animals

AT 27200 Intro to Composite Technology

AT 27800 Nondestructive Testing

AT 47800 Advanced Nondestructive Testing

BCHM 22100 Analytical Biochemistry

BCM 23000 Mechanical/Electrical Systems

BCM 31500 Mechanical Construction Estimating

BCM 38000 Concrete Construction

BIOL 20300 Human Anatomy and Physiology

BIOL 22100 Introduction to Microbiology

CGT 22600 Intro to Constraint Based Modeling

CHM 11200 General Chemistry

CHM 11600 General Chemistry

CHM 48100 Environmental Chemistry

CE 35000 Environmental Engineering

CE 35500 Engineering Environmental Sustainability

FS 22200 Safety of Foods

HSCI 31200 Radiation Science Fundamentals

IE 57700 Human Factors in Engineering

IT 33000 Industrial Sales and Sales Management

IT 34500 Automatic Identification and Data Capture

IT 35100 Adv Industrial Safety & Health Management

IT 43400 Global Transportation and Logistics Management

MA 26100 Multivariate Calculus

NS 35000 Naval Ship Systems

TECH/MANAGEMENT SELECTIVE

AFT 35100 AF Leadership Studies I

AFT 36100 AF Leadership Studies II

ECET 38001 Global Professional Issues in ET

EDPS 31500 Leadership: Listening

EDPS 31600 Leadership: Cross-Cultural

EDPS 31700 Leadership: Mentoring

ENTR 31000 Marketing Management for New Ventures

MGMT 20000 Accounting Principles

MGMT 20010 Business Accounting

MGMT 45500 Legal Background for Business

MSL 20200 Leadership & Teamwork

MSL 30100 Leadership & Problem Solving

MSL 40100 Leadership & Management

NS 21400 Fundamentals of Leadership

NS 41300 Naval Leadership Management & Ethics  
OLS 25200 Human Relations in Organizations  
OLS 27400 Applied Leadership  
OLS 28400 Leadership Principles  
OLS 36400 Tech & the Organization  
OLS 38600 Leadership for Org Change & Innov  
PSY 27200 Intro to Industrial-Organizational Psych  
TECH 32000 Technology & the Organization

**TLI 11200 Foundations of Organizational Leadership**  
**TLI 15200 Business Principles for Organizational Leadership**  
**TLI 21300 Project Management**  
**TLI 25300 Principles of Technology Strategy**  
**TLI 25400 Leading Change in Technology Organizations**  
Approved Study Abroad Course

MECHANICS SELECTIVE *Prerequisites are in parenthesis*

**MET 31100 Experimental Strength of Materials** (MET 21100, MET 21300, & MA 16020)  
MET 31400 Applications of Machine Elements (MET 21100 & MET 21300)  
MET 31500 Applied Kinematics and Dynamics (CGT 11000 & MET 21300)  
MET 31601 Mechanics of Machine Design (MET 21100)  
MET 31700 Machine Diagnostics (MET 21300, Physics 2 & MA 16020)  
**MET 41100 Introduction to the Finite Element Method** (MET 21100, MET 21300, & Physics 2)

MET ELECTIVE (6 credit hours) *Prerequisites are in parenthesis*

**MET 30200 CAD in the Enterprise** (MET 10200 & MET 24500)  
**MET 31100 Experimental Strength of Materials** (MET 21100, MET 21300, & MA 16020)  
MET 31700 Machine Diagnostics (Physics 2 & MA 16020)  
MET 33400 Advanced Fluid Power (MET 23000 or MET 33000)  
**MET 34900 Stringed Instrument Design and Manufacture** (MET 21100, MET 21300, MET 24500, & MA 16020)  
MET 38200 Controls and Instrumentation for Automation (MA 16010, & MET 28400)  
**MET 40000 Mechanical Design** (MET 10200, MET 23000, MET 28400, and MET 34600)  
**MET 40100 Capstone Projects I** (MET 10200, MET 23000, MET 28400, and MET 34600)  
**MET 40200 Capstone Projects II** (MET 40100 or ECET 43000)  
**MET 41100 Introduction to the Finite Element Method** (MET 21100, MET 21300, & Physics 2)  
**MET 42100 Air Conditioning and Refrigeration** (MET 32000 or MET 30000)  
MET 42200 Power Plants & Energy Conversion (MET 31300 and MET 32000)  
MET 42600 Internal Combustion Engines (MET 32000 or MET 30000)  
MET 43200 Hydraulic Motion Control Systems (MET 23000 or MET 33000)  
MET 43600 Pneumatic Motion Control Systems (MET 23000 or MET 33000)  
MET 44301 Joining Processes (MET 10200, MET 21400, & MET 34600)  
MET 45100 Manufacturing Quality Control (STAT 30100)  
MET 48200 Mechatronics (MET 10200, MET 21400, and MET 28400)  
MET 48600 Fundamentals of Motorsports (MET 31300, & MET 32000)  
MET 49000 Green Manufacturing and Sustainability

MET CAPSTONE SELECTIVES I & II (6 credit hours) *Prerequisites are in parenthesis*

**ECET 43000 Product/Project Management** (ECET 38001 and 9-12 cr. hrs. of coursework in a technical focus area)  
ECET 43100 International Capstone Plan  
**ECET 46000 Project Design and Development** (ECET 43000)  
ECET 46100 International Capstone Execution (ECET 43100)  
**ENGT 40500 Entrepreneurial Capstone I**  
**ENGT 40600 Entrepreneurial Capstone II** (ENGT 40500)  
MET 33400 Advanced Fluid Power (MET 23000 or MET 33000)  
**MET 40000 Mechanical Design** (MET 10200, MET 23000, MET 28400, and MET 34600)  
**MET 40100 Capstone Projects I** (MET 10200, MET 23000, MET 28400, and MET 34600)  
**MET 40200 Capstone Projects II** (MET 40100 or ECET 43000)  
**MET 42100 Air Conditional and Refrigeration** (MET 32000 or MET 30000)  
MET 42200 Power Plants & Energy Conversion (MET 31300 and MET 32000)  
MET 42600 Internal Combustion Engines  
MET 43200 Hydraulic Motion Control Systems (MET 23000 or MET 33000)  
MET 43600 Pneumatic Motion Control Systems (MET 23000 or MET 33000)  
MFET 48800 Project Planning for Integration (MFET 37400)  
MFET 48100 Integration of Manufacturing Systems (MFET 48000)

GLOBAL/PROFESSIONAL SELECTIVE

ANTH 20500 Human Cultural Diversity  
ANTH 34100 Culture & Personality  
ARAB 28000 Arabic Culture  
CHNS 28000 Selected Topics on China  
CHNS 28500 Chinese Calligraphy  
COM 22400 Communicating in the Global Workplace

COM 30300 Intercultural Communication  
**ECET 38001 Global Professional Issues In ET**  
EDPS 31600 Leadership: Cross-Cultural  
FNR 48800 Global Environmental issues  
FR 33000 French Cinema  
GER 23000 German Folklore & Fairy Tales

GER 23000 German Literature in Translation  
 GER 28000 Beer Brewing in the German Culture  
 GER 33000 German Cinema  
 HIST 30000 Eve of Destruction  
 HIST 33300 Science & Technology in Western Civilization I  
 HIST 33400 Science & Technology in Western Civilization II  
 HIST 35000 Science & Technology in Twentieth Century World  
 HIST 36000 Gender in Middle East History  
 JPNS 28000 Introduction to Modern Japanese Civilization  
 LC 23500 East Asian Literature in Translation  
 LC 23900 Contemporary Foreign Women Writers in Translation  
 MGMT 45500 Legal Background for Business  
 MSL 30200 Leadership & Ethics  
 MUS 37800 World Music  
 NS 41300 Naval Leadership Management & Ethics

OLS 45600 Tech & the Global Society  
 PHIL 11400 Global Moral Issues for Engineers  
 PHIL 20600 Philosophy of Religion  
 PHIL 29000 Environmental Ethics  
 PHIL 23000 Religions of the East  
 PHIL 23100 Religions of the West  
 POL 23100 Introductions to United States Foreign Policy  
 PSY 33500 Stereotyping & Prejudice  
 PTGS 33000 Brazilian, Portuguese & African Cinema  
 SOC 31000 Racial & Ethnic Diversity  
 SPAN 23500 Spanish American Literature in Translation  
 SPAN 33000 Spanish & Latin American Cinema  
 TECH 33000 Tech and the Global Society  
 Approved Study Abroad Course

**HUMANITIES FOUNDATIONAL SELECTIVE:** see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

Students attending the South Bend location can go to the following link to review how IU courses transfer to Purdue University to meet Core Course Requirements:

<http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf>

- \*FINA-F 100 Fundamentals of Studio Drawing
- \*HIST-H 105 American History I
- \*HIST-H 106 American History II
- \*HIST-H 113 History of Western Civilization 1
- \*HIST-H 114 History of Western Civilization 2
- \*MUS-M 17400 Music for the Listener
- \*PHIL-P 110 Introduction to Philosophy
- \*PHIL-P 140 Introduction to Ethics

**BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE:** see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

Students attending the South Bend location can go to the following link to review how IU courses transfer to Purdue University to meet Core Course Requirements:

<http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf>

- \*ECON-E 103 Introduction to Microeconomics
- \*ECON-E 104 Introduction to Macroeconomics
- \*POLS-Y 103 Introduction to American Politics
- \*POLS-Y 109 Introduction to International Relations
- \*PSY-P 103 Introduction to Psychology
- \*SOC-S 161 Principles of Sociology
- \*SOC-S 163 Social Problems

**Intercultural Requirement – ALL students must complete**

<b>Polytechnic Minimum Global Requirements</b>	
<b>STEP 1:</b>	Complete the Pre-test Intercultural Development Inventory Assessments (1 <sup>st</sup> year)
<b>STEP 2:</b>	Complete <b>one (1)</b> of the following global experiences:* <ul style="list-style-type: none"> <li>• Participate in a Purdue University international capstone, collaborative project, <b>or</b></li> <li>• Participate in an international internship (international location), <b>or</b></li> <li>• Participate in Faculty-led Study Abroad, <b>or</b></li> <li>• Participate in a full semester abroad program, <b>or</b></li> <li>• Complete 3 credit hours from the Polytechnic list of recommended Global/Cultural courses.</li> </ul>
<b>STEP 3</b>	Complete the Post-test Intercultural Development Inventory Assessments (4 <sup>th</sup> year)
	NOTE FOR TRANSFER/CODO STUDENTS: Transfer and CODO students with less than 75 credit hours remaining to complete their Polytechnic Plan of Study are exempt from Steps 1 & 3 (taking the IDI Pre & Post-tests) but must complete one option from Step 2.  *Global experiences must take place during the time of enrollment in the Polytechnic to complete Step 2. Experiences that have taken place prior to a student’s initial enrollment will not serve to complete Step 2. Intercultural competencies gained on experiences prior to Polytechnic enrollment will be captured as baseline data on a student’s IDI.

**Purdue University (West Lafayette) courses that meet the global requirement**

- AAS 27100 Intro to African American Studies
- AAS 37300 Variable Title: History of Injustice
- AGR 20100 Communication Across Cultures
- ANSC 381 Leadership for a Diverse workplace
- ANTH 203 Biological Bases of Human Social Behavior
- ANTH 20500 Human cultural Diversity
- ANTH 21000 Technology and Culture
- ANTH 21200 Culture, Food and Health
- ANTH 23000 Gender Across Cultures
- ANTH 34000 Global Perspectives on Health
- ANTH 341 Culture and Personality
- ANTH 379 Native American Cultures

ARAB 28000 Arabic culture  
 ASAM 240 Intro to Asian American Studies  
 ASAM 240 Intro to Asian American Studies  
 AT 23300 Ethics and Aviation  
 CNIT 320 Policy, Regulation, and Globalization in information Technology  
 COM 224 Communicating in the Global Workplace  
 COM 30300 Intercultural Communication  
 COM 32000 Small Group Communication  
 COM 373 Self-Presentation & Social Image  
 COM 380 Sociolinguistic Study of African American English  
 COM 380 Sociolinguistic Study of African American English  
 COM 412 Theories of Human interaction  
 COM 423 Leadership, Communication & Organizations  
 ECET 29000 International Experience  
 ECET 38001 Global Professional Issues in ET  
 EDPS 235 Learning and Motivation  
 EDPS 30000 Student Leadership Development  
 EDPS 301 Peer Counselling Training  
 EDPS 31500 Collaborative Leadership: Listening  
 EDPS 31600 Collab Leadership: Cross-cultural Settings  
 EDPS 317 Collaborative Leadership: Mentoring  
 ENGL 41400 Literature & Culture  
 HDFS 233 Stress and Human Health  
 HDFS 280 Diversity in Individual and Family Life  
 HDFS 332 Stress & Coping in Contemporary Families  
 HEBR 38500 The Holocaust in Modern Hebrew Literature  
 HIST 195 Historical Research & Film!  
 HIST 30000 Eve of Destruction: Global Crises and World Organization in the 20th Century  
 HIST 33805 History of Human Rights  
 HIST 35000 Science and Society in the 20th-Century World  
 HIST 366 Hispanic Heritage of the USA  
 HIST 377 History & Culture of Native America  
 Any foreign language 200 or higher (201, 202, 301, 302, 401, 402)  
 Any Purdue approved SA that includes reflective learning assignments

HIST 46900 Black Civil Rights Movement  
 HIST 479 American Representations of Middle East & N. Africa  
 HIST 499 History of Sexual Regulation in the United States  
 HTM 370 Sustainable Tourism and Responsible Travel  
 HTM 37200 Global Tourism Geography  
 MSL 201 Individual Leadership Studies  
 OLS 350 Creativity In Business & Industry  
 PHIL 11400 Global Moral Issues  
 PHIL 435 Philosophy of Mind  
 POL 222 Women, Politics & Public Policy  
 POL 23500 Rich and Poor Nations  
 POL 326 Black Political Participation in America  
 POL 32700 Global Green Politics  
 POL 36000 Women and the Law  
 POL 413 The Human Basis of Politics  
 POL 42300 International Environmental Policy  
 POL 42900 Variable Title: It's a Complex World (Cross listed with IE49000, ME29700)  
 POL 43300 International Organization  
 PSY 120 Elementary Psychology  
 PSY 250 Psychology of Adjustment  
 PSY 251 Health Psychology  
 PSY 285 Consumer Behavior  
 PSY 322 Research Design  
 PSY 333 Motivation  
 SOC 10000 Intro to Sociology  
 SOC 310 Racial and Ethnic Diversity  
 SOC 33900 Intro to Sociology of Developing Nations  
**TECH 330 Technology and the Global Society**  
**TLI 11200 Foundations of Tech Leadership**  
**TLI 31400 Leading Innovation in Organizations**  
 WGSS 282 Intro to LGBT Studies  
 WGSS 38000 Gender and Multiculturalism  
 WGSS 38300 Women and Work

### Polytechnic Statewide- South Bend (IUSB) Approved Courses

South Bend- Offered through IUSB

ANTH-E Indians of Indiana  
 ANTH-E 105 Culture & Society  
 ANTH-E 300 Culture Areas & Ethnic Groups  
 ANTH-E 310 Introduction to Cultures of Africa  
 ANTH-E 321 Peoples of Mexico  
 ANTH-E 335 Ancient Civilization of Mesoamerica  
 ANTH-E 397 Peoples & Cultures of the Middle East  
 EALC-J 101 Elementary Japanese I  
 GEOG-110 Introduction to Human Geography  
 GEOG-G 120 Regions of the World  
 GEOG-G 201 World Regional Geography  
 HIST-A 371 History of Indiana I  
 HIST-A 372 History of Indiana II  
 HIST-A 301 Colonial America  
 HIST-A 373 American History Through Film  
 HIST-A 355 African American History I  
 HIST-B 300 Issues in Western European History  
 HIST-B 378 History of Germany Since 1648 II  
 HIST-C 386 Greek History from the Minoans to Alexander  
 HIST-D 310 Russian Revolution and Soviet Regime  
 HIST-F 300 Issues in Latin American History  
 HIST-A 352 History of Latinos in the United States  
 HIST-G 358 Early Modern Japan  
 HIST-H 101 The World in the Twentieth Century I  
 HIST-H 201 History of Russia I  
 HIST-H 202 History of Russia II  
 HIST-H 207 Modern East Asian Civilization  
 HIST-H 211 Latin American Culture and Civilization 1  
 HIST-H 212 Latin American Culture and Civilization 2  
 HIST-W 300 Issues in World History  
 LSTU-L 330 Global Comparisons: Labor Relations – Examples from Three Continents  
 LSTU-L 331 Global Problems: Local Solutions  
 LSTU-L 385 Class, Race Gender, and Work  
 PHIL-P 102 Critical Thinking and Applied Ethics  
 PHIL-P 105 Critical Thinking  
 PHIL-P 140 Introduction to Ethics  
 POLS-Y 107 Introduction to Comparative Politics

POLS-Y 109 Introduction to International Relations  
 POLS-Y 343 The Politics of International Development  
 PSY-P 103 Introduction to Psychology  
 PSY-P 327 The Psychology of Motivation  
 PSY-P 391 Psychology of Gender and Ethnicity  
 REL-R 152 Jews, Christians, Muslims  
 REL-R 153 Religions of Asia  
 SOC-S 163 Social Problems

REL-R 257 Introduction to Islam  
 REL-R 354 Buddhism  
 SOC-S 161 Principles of Sociology  
 SOC-S 335 Race and Ethnic Relations  
 SPAN-S 101 Elementary Spanish I  
 SPCH-B 399 Human Behavior and Social Institutions  
 SPCH-S 324 Persuasive Speaking  
 SPCH-S 427 Cross Cultural Communication

**Professional Requirement – All students must complete**

Completing the Professional Experience Requirement: All students must complete an acceptable professional experience. The SOET Professional Experience requirement is intended to document those experiences which help expose SOET students to the expectations of their profession prior to graduation. This may occur through industrial experience, technical or administrative involvement with community service, military service, or by other possible means. Approval is automatic for certain experiences, while additional experiences may also satisfy this graduation requirement with advisor or faculty approval (see below). Requests for faculty approval must be submitted to the SOET Curriculum Subcommittee Chair for consideration, allowing at least four academic weeks for review and response.

**Potential Professional Experiences**

Approval Process	Experience
Automatic	Any TECH Professional Practice course (co-op, intern, etc.)
Automatic	MET 29900 Internship for Credit
Automatic	Industry-sponsored Senior Capstone
Automatic	EPICS courses, minimum of 2
Automatic	Lab Assistant (satisfactory completion of a minimum of one lab division for one term; e.g., ECET 29900 or MET 39200)
Advisor	Any approved internship (assuming student and/or employer provide documentation)
Advisor	Military service (ROTC, reservist, active duty, veteran)
Faculty	Other undergraduate research experiences (e.g., employed in the AEL as lab technician)
Faculty	Independent study – by petition to ensure the project meets the spirit of the requirement
Faculty	Professional society/club activities (e.g., led the Solar Racing team) - by petition
Faculty	Any approved employment

Approval Key:

- Automatic – student participation in this professional experience is already documented through existing means.
- Advisor – advisor reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement.
- Faculty – designated committee reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement.