

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

**Required Major Courses (55 credits)**

- \_\_\_\_\_ (3) ENGT 18000 - Engineering Technology Foundations
- \_\_\_\_\_ (1) ENGT 18100 - Engineering Technology Applications
- \_\_\_\_\_ (3) ECET 17700 - Data Acquisition and Systems Control
- \_\_\_\_\_ (3) ECET 17900 - Introduction to Digital Systems
- \_\_\_\_\_ (3) ECET 22700 - DC and Pulse Electronics
- \_\_\_\_\_ (3) ECET 22900 - Concurrent Digital Systems
- \_\_\_\_\_ (3) ECET 27000 - Electronics Prototype Development and Construction
- \_\_\_\_\_ (3) ECET 27400 - Wireless Communications
- \_\_\_\_\_ (3) ECET 27700 - AC & Power Electronics
- \_\_\_\_\_ (3) ECET 27900 - Embedded Digital Systems <sup>CC (Critical Course)</sup>
- \_\_\_\_\_ (3) ECET 37600 - Electrical Energy Systems
- \_\_\_\_\_ (3) ECET 38001 - Global Professional Issues in ET
- \_\_\_\_\_ (3) ECET Advanced Analysis Selective (choose from ECET 33700 or ECET 33900)
- \_\_\_\_\_ (12) ECET Selectives (choose from list)
- \_\_\_\_\_ (3) Senior Capstone I Selective (choose from list)
- \_\_\_\_\_ (3) Senior Capstone II Selective (choose from list)

**Other Departmental/Program Course Requirements (62 credits)**

- \_\_\_\_\_ (3) CNIT 10500 – (\***CSCI-C 101** –Computer Programming I) - Introduction to C Programming
- \_\_\_\_\_ (3) Freshman Speech Selective (*satisfies Oral Communication for core*)
- \_\_\_\_\_ (3) MA 16010 - Applied Calculus I (*satisfies Quantitative Reasoning for core*)
- \_\_\_\_\_ (3) MA 16020 - Applied Calculus II
- \_\_\_\_\_ (4) PHYS 21800 - (\***PHYS-P 201 OR 221**) General Physics (*satisfies Science for core*)
- \_\_\_\_\_ (4) PHYS 21900 - (\***PHYS-P 202 OR 222**) General Physics II (*satisfies Science for core*)
- \_\_\_\_\_ (3) TECH 12000 - Design Thinking in Technology (*satisfies Information Literacy and Science, Technology & Society for core*)
- \_\_\_\_\_ (3) Industrial Economic Selective (choose from the list)
- \_\_\_\_\_ (3) English Composition Selective ENGL 10600 or ENGL 10800 (\***ENG-W 131**) (*satisfies Written Communication for core*)
- \_\_\_\_\_ (3) Business Selective (choose from list)
- \_\_\_\_\_ (6) General Education Selectives (choose from list)
- \_\_\_\_\_ (3) General Education Human Cultures: Humanities Selective (choose from list) (*satisfies Human Cultures Humanities for core*)
- \_\_\_\_\_ (3) General Education Human Cultures: Behavioral/Social Sciences (choose from list) (*satisfies Human Cultures: Behavioral Sciences for core*)
- \_\_\_\_\_ (3) Oral Communication Selective (choose from list)
- \_\_\_\_\_ (3) Written Communication Selective (choose from list)
- \_\_\_\_\_ (3) Statistics Selective (choose from STAT 30100 or STAT 22500) – (\***MATH-K 310** Statistics Techniques)
- \_\_\_\_\_ (9) Technical Selectives (choose from list: 9 additional credit hours of *technical courses*, including additional *ECET courses*)
- \_\_\_\_\_ (0) Intercultural Requirement
- \_\_\_\_\_ (0) Professional Requirement/Internship

**Free Elective ( 3 credits)**

Choose from list: Refer to the Supplemental Information Sheet for Electrical Engineering Technology (EETC) fall 2018 Plan of Study for a complete list of selectives and requirements.

**\*Denotes South Bend Location Course Offering**

**University Core Requirements**

Human Cultures: Behavioral/Social Sciences	<input type="checkbox"/>	_____	Science #1	<input type="checkbox"/>	_____
Human Cultures: Humanities	<input type="checkbox"/>	_____	Science #2	<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"/>	_____			

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

**The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.**

*Accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>*

Fall 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by	Spring 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by
ENGT 18000 Eng Tech Foundations	3				ECET 17700 DAQ & Systems Control	3			
ENGT 18100 Eng Tech Applications	1				(P: ENGT 1800 & ENGT 18100)				
English Composition Selective*	3				ECET 17900 Intro to Digital Systems	3			
					(P: ENGT 18000/18100 and CNIT 10500/CSCI-C 101)				
CNIT 10500 Intro to C Programming – CSCI-C 101 Computer Program I (IUSB)	3				MA 16010 Applied Calculus I*	3			
Freshmen Speech Selective*	3				(P: ALEKS Score of 75%)				
TECH 12000 Design Thinking in Tech.*	3				General Education Human Cultures Selective*	3			
<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
MA 16020 Applied Calculus II (P: MA 16010 with grade of C-or better)	3				ECET 27000 Electronics Prototype Dev/Const	3			
ECET 22700 DC & Pulse Electronics (P: ECET 17700 and MA 16010)	3				(P: ECET 17900, ECET 22700, and ECET 22900)				
ECET 22900 Concurrent Digital Systems (P: ENGT 18000/ENGT 18100)	3				ECET 27400 Wireless Communications	3			
PHYS 21900 General Physics II* (P: PHYS 21800) - PHYS-P 222 or 202 (IUSB)	5				(P: ECET 22700, ECET 27000 (may be taken concurrently) and PHYS 21900)				
Oral Communication Selective	3				ECET 27700 AC & Power Electronics	3			
					(P: ECET 17700 and MA 16010)				
<b>TOTAL CREDIT HOURS</b>	<b>17</b>				Technical Selective	3			
					General Education Behavioral/Social Sciences Selective*	3			
					<b>TOTAL CREDIT HOURS</b>	<b>15</b>			

Fall 3 <sup>rd</sup> Year	CR	GR	Sem	Fulfilled by	Spring 3 <sup>rd</sup> Year	CR	GR	Sem	Fulfilled by
ECET Selective	3				ECET Selective	3			
ECET Advanced Analysis Selective	3				Statistics Selective	3			
Industrial Economics Selective	3				ECET 37600 Modern Energy Systems	3			
Written Communication Selective	3				(P: ECET 27700 and PHYS 21800)				
Business Selective**	3				ECET 38001 Global Prof Issues in ET	3			
					(P: Junior Class or higher)				
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				ECET 27900 Embedded Digital Systems♦ (P: ECET 17900)	3			
					<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
Senior Capstone I Selective (P: ECET 27000, ECET 38001, 9 CR of ECET Selectives, of which 3 CR can be concurrent)	3				Senior Capstone II Selective (P: Senior Capstone Selective I)	3			
ECET Selective	3				ECET Selective	3			
General Education Selective	3				Free Elective	3			
Technical Selective	3				General Education Selective	3			
Technical Selective	3				Intercultural Requirement	0			
					Professional Requirement	0			
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				<b>TOTAL CREDIT HOURS</b>	<b>12</b>			

\*Fulfills University Core Curriculum requirement.

\*\*Human Cultures Behavioral/Social Science for University Core may be selected to satisfy either the Business Selective or a General Education Selective requirement.

♦This course is considered critical. A critical course is one that a student must be able to pass to persist and succeed in a particular major.

- 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. Pass/No Pass grading allowed for General Education Selectives & Free Electives (up to 15 hrs)
- Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
- Senior Capstone Selective I/II and 12 hours of ECET Selectives must be taken at the Purdue University location conferring the degree.
- 32 credit hours of 300-level or higher courses must be completed at Purdue University.
- Intercultural & Professional Requirements (ungraded) must be completed. Professional & Intercultural requirements will be satisfied by completion of experiences, assessments, and courses that are pre-approved by the EET Curriculum Subcommittee. Approved courses may fulfill other degree requirements.

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

**The myPurduePlan powered by DegreeWorks is the knowledge source for specific requirements and completion.**

## Supplemental Information Sheet for Electrical Engineering Technology (EETC) Fall 2018 Plan of Study

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

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

**ECET Selectives** (12 hours): ECET Selectives can be selected from one or more of the following groups. Please note that **not** all ECET Selectives are offered every year and not all ECET Selectives are taught at all locations.

<b>Audio</b> <b>ECET 32700 Instrumentation and DAQ Design</b> <b>ECET 33700 Analog Signal Processing</b> ECET 33900 Digital Signal Processing ECET 34900 Advanced Digital Systems <b>ECET 38800 Analog IC Applications</b> ECET 42800 Audio Electronics-Selected Topics	ECET 33500 Computer Arch & Perform Eval ECET 33900 Digital Signal Processing ECET 34900 Advanced Digital Systems ECET 35901 Computer Based DAQ Applications ECET 43900 Advanced Digital Signal Processing	ECET 38600 Bldg Elec Codes & Std Practices ECET 43600 Elec Power Tran Distrib & Smart Control
<b>Communications</b> <b>ECET 36400 Fundamentals of Electromagnetics</b> <b>ECET 44400 Wireless Systems: Design &amp; Meas</b> <b>ECET 31410 Military RF Electronic Apps</b>	<b>Smart Living</b> ECET 31100 Elec Syst & Signals in Healthcare ECET 32100 Introduction to Nanotechnology <b>ECET 32700 Instrumentation and DAQ Design</b>	<b>Smart Mobility</b> ECET 32300 Intro to Elec Vehicle Systems ECET 33300 Power Electronics in Energy System ECET 37300 Applied Electronic Drives ECET 42301 Elec Vehicle Integr/Fabrication <b>ECET 38501 Intro to Auto Electronics &amp; ECET 38502 (lab)</b>
<b>Computer/Digital</b> ECET 32900 Adv Embedded Digital Systems	<b>Smart Environment</b> <b>ECET 30201 Introduction to Industrial Controls</b> ECET 32700 Instrumentation and DAQ Design <b>ECET 37201 Continuous Control Electronics</b>	<b>Study Abroad/Professional Practice</b> ECET Co-op Sessions 4 and 5

### Advanced Analysis Selectives (3 hours)

ECET 33700 Analog Signal Processing

ECET 33900 Digital Signal Processing

**ECET Senior Capstone I and II Selectives** (6 hours): Select one pair of Senior Capstone I and II Selectives

**ECET 43000** Electrical and Electronic Product and Program Management **and ECET 46000** Project Design and Development  
ECET 43100 International Capstone Plan **and** ECET 46100 International Capstone Project Execution  
ENGT 40500 Entrepreneurial Capstone I **and** ENGT 40600 Entrepreneurial Capstone II

**Technical Selectives** (9 hours) from the following departments and Colleges. Limitations in courses or areas are noted below.

- **ECET:** ECET 29900 is limited to 3 credit hours.
- **College of Engineering:** ME 29700 and Engineering Projects in Community Service (EPICS) are each limited to 3 credit hours. First-Year Engineering (ENGR) courses cannot be used.
- **Purdue Polytechnic Institute:** CNIT 13600 & CNIT 15501 cannot be used.
- **College of Science:** Additional lab-based physics (PHYS), chemistry (CHM) and biology (BIOL) courses; Computer Science (CS) courses; and higher-level mathematics (MA) courses: MA 26100, MA 26500 and MA 26600. CS 11000, CS 15800, CS 15900, and CS 23500 cannot be used.
- **College of Liberal Arts:** Up to 9 hours of THTR 25300, THTR 35300, THTR 55300, FVS 26100, FVS 33200, FVS 33700, or FVS 33800.
- ECET 49900 Electrical Engineering Technology – Sust Engy Tech: Intl Perspectv Purdue In Germany

### Freshman Speech Selective (3 hours)

COM 11400 Fundamentals of Speech Communication OR **\* SPCH-S 121 Public Speaking (IUSB)**  
SCLA 10200 Transformative Texts, Critical Thinking and Communication II: Modern World

### Written Communication Selective (3 hours)

ENGL 20500 Introduction to Creative Writing  
ENGL 30400 Advanced Composition  
ENGL 42000 Business Writing  
**ENGL 42100 Technical Writing**

**\*ENG-W 203 Creative Writing (IUSB)**  
**\*ENG-W 231 Prof. Writing Skills (IUSB)**  
**\*ENG-W232 Intro to Business Writing (IUSB)**

**Oral communication Selective** (3 hours): Any communications (COM) or **\*SPCH-S courses (IUSB)** course at the 20000 level or higher

### English Composition Selective (3 hours)

- ENGL 10600 First-Year Composition or **\*ENG-W 131 Reading, Writing, & Inquiry (IUSB)**
- ENGL 10800 Accelerated First-Year Composition
- SCLA 10100 Transformative Texts, Critical Thinking and Communication I: Antiquity to Modernity

### Business Selective (3 hours)

- Any Agricultural Economics course (AGEC) at the 20000-level or higher.
- Any Economics (ECON) course at the 20000- level or higher.
- Any Entrepreneurship (ENTR) course at the 20000-level or higher.
- Any Management (MGMT) course at the 20000-level or higher or **\*BUS-A 201 Intro to Financial Accounting (IUSB); BUS-L 201 Legal Environment of Business (IUSB)**
- Or select one of the following courses:

AGEC 20300 Int to Microecon for Food & Agribus (BSS)  
AGEC 20400 Intro to Resource Economics and Environmental Policy (BSS)  
AGEC 21700 Economics (BSS)  
AGEC 25000 The Economic Geography of World Food and Resources (BSS)  
CSR 34200 Personal Finance  
ECON 21000 Principles of Economics (BSS)  
ECON 25100 Microeconomics (BSS)  
ECON 25200 Macroeconomics (BSS)  
**\*ECON-E 103 Microeconomics (IUSB) (BSS)**  
**\*ECON-E 104 Microeconomics (IUSB) (BSS)**  
IT 10400 Industrial Organizations  
IT 23000 Industrial Supply Chain Mgmt

IT 33000 Industrial Sales & Sales Mgmt  
IT 33200 Purchasing, Inventory & Warehouse  
OLS 25200 Human Relations in Org  
OLS 27400 Applied Leadership  
OLS 28400 Leadership Principles  
OLS 32500 Meeting Management  
**TLI 11100 Intro to Manufacturing & Supply Chain Systems**  
**TLI 11200 Found of Organizational Leadership**  
**TLI 21300 Project Management**  
**TLI 21400 Intro to Supply Chain Management Tech**  
**TLI 34200 Warehouse And Inventory Management**  
**TLI 34250 Purchasing and Contract Mgmt**  
**TLI 34300 Technical & Service Selling**

**General Education Selectives (6 hours).** Select 6 hours in one or more of the subject areas (discipline) listed below, subject to the following constraints:

Within this framework, the student may select courses from the following areas:

Foreign languages (except for courses in a student's native language)

African American Studies (AAS)  
Art and Design (AD),  
American Studies (AMST)  
**Anthropology (ANTH)**  
Asian American Studies (ASAM)  
American Sign Language (ASL)  
Bands (BAND)  
Classics (CLCS)

Comparative Literature (CMPL)  
Communication (COM)  
**English (ENGL) or ENG-W (IUSB)**  
**History (HIST)**  
Interdisciplinary Studies (IDIS)  
Linguistics (LING)  
Music History and Theory (MUS)  
**Philosophy (PHIL)**

**Political Science (POL)**  
**Psychology (PSY)**  
**Religious Studies (REL)**  
**Sociology (SOC)**  
Theater (THTR)  
**Women's Studies (WOST)**  
ROTC (AFT, MILT, NS)

### Human Culture: Humanities Selective (3 hours)

- One course must be from the UCC approved list of Human Culture: Humanities (<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>  
**\*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**

### Human Culture: Behavior/Social Sciences Selective (3 hours)

- One course must be from the UCC approved list of Human Culture: Behavior/Social Sciences (<http://www.purdue.edu/provost/initiatives/curriculum/course.html>), unless the student has selected a course indicated with a BSS to satisfy the Business Selective requirement.  
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**

### Statistics Selective

- STAT 22500 Intro to Probability Models
- **STAT 30100 Elementary Statistical Methods**
- \*MATH-K 310 Statistical Techniques (IUSB)

### Industrial Economics Selective (3 hours)

- IT 45000 Production Cost Analysis
- IET 45100 Monetary Analysis for Industrial Decisions
- **TLI 33400 Economic Analysis for Technology Systems**

**Minor:** Minors are offered through a variety of disciplines. The discipline offering the minor establishes the requirements. A minor is not required.

### 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)
	<p>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 &amp; 3 (taking the IDI Pre &amp; Post-tests) but must complete one option from Step 2.</p> <p>*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.</p>

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

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>AAS 27100 Intro to African American Studies</li> <li>AAS 37300 Variable Title: History of Injustice</li> <li>AGR 20100 Communication Across Cultures</li> <li>ANSC 381 Leadership for a Diverse workplace</li> <li>ANTH 203 Biological Bases of Human Social Behavior</li> <li>ANTH 20500 Human cultural Diversity</li> <li>ANTH 21000 Technology and Culture</li> <li>ANTH 21200 Culture, Food and Health</li> <li>ANTH 23000 Gender Across Cultures</li> <li>ANTH 34000 Global Perspectives on Health</li> <li>ANTH 341 Culture and Personality</li> <li>ANTH 379 Native American Cultures</li> <li>ARAB 28000 Arabic culture</li> <li>ASAM 240Intro to Asian American Studies</li> <li>ASAM 240 Intro to Asian American Studies</li> <li>AT 23300 Ethics and Aviation</li> <li>CNIT 320 Policy, Regulation, and Globalization in information Technology</li> <li>COM 224 Communicating in the Global Workplace</li> </ul> | <ul style="list-style-type: none"> <li>COM 30300 Intercultural Communication</li> <li>COM 32000 Small Group Communication</li> <li>COM 373 Self-Presentation &amp; Social Image</li> <li>COM 380 Sociolinguistic Study of African American English</li> <li>COM 380 Sociolinguistic Study of African American English</li> <li>COM 412 Theories of Human interaction</li> <li>COM 423 Leadership, Communication &amp; Organizations</li> <li>ECET 29000 International Experience</li> <li>ECET 38001 Global Professional Issues in ET</li> <li>EDPS 235 Learning and Motivation</li> <li>EDPS 30000 Student Leadership Development</li> <li>EDPS 301 Peer Counselling Training</li> <li>EDPS 31500 Collaborative Leadership: Listening</li> <li>EDPS 31600 Collab Leadership: Cross-cultural Settings</li> <li>EDPS 317 Collaborative Leadership: Mentoring</li> <li>ENGL 41400 Literature &amp; Culture</li> <li>HDFS 233 Stress and Human Health</li> <li>HDFS 280 Diversity in Individual and Family Life</li> <li>HDFS 332 Stress &amp; Coping in Contemporary Families</li> </ul> |
|---|--|

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  
 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  
 Any foreign language 200 or higher (201, 202, 301, 302, 401, 402)  
 Any Purdue approved SA that includes reflective learning assignments

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.

**Upper-level courses:** At least 32 hours of upper level (300 level or higher) must be completed at Purdue University; ECET Senior Capstone I and II Selectives and at least 12 hours of ECET Selectives must be completed at the Purdue University location conferring the degree.