

**Required Major Courses (38 credits)**

- \_\_\_\_\_ (3) MET 10200 – Production Specifications
- \_\_\_\_\_ (3) MET 11100 – Applied Statics
- \_\_\_\_\_ (1) MET 11300 – Mechanics Applications
- \_\_\_\_\_ (3) Materials and Processes Selective (**MET 14300 or MET 14400 Materials and Process I or II**)
- \_\_\_\_\_ (3) MET 23000 – Fluid Power
- \_\_\_\_\_ (3) MET 24500 – Manufacturing Systems
- \_\_\_\_\_ (3) MET 28400 – Introduction to Industrial Controls
- \_\_\_\_\_ (3) MFET 24800 – Introduction to Robot Systems
- \_\_\_\_\_ (3) MFET 34400 – Automated Manufacturing Processes
- \_\_\_\_\_ (3) MFET 37400 – Manufacturing Integration
- \_\_\_\_\_ (3) CNIT 10500 – Introduction to C Programming
- \_\_\_\_\_ (3) ENGT 18000 – Engineering Technology Foundations
- \_\_\_\_\_ (1) ENGT 18100 – Engineering Technology Applications
- \_\_\_\_\_ (3) <sup>1</sup>Manufacturing Selective

**ROET Courses- (21 credits, included in required major courses total)**

- \_\_\_\_\_ (3) <sup>2</sup>Mechatronics/Controls Selective (**MET 48200 Mechatronics**)
- \_\_\_\_\_ (3) <sup>3</sup>Manufacturing/Controls Selective (**IT 34500 Auto ID & Data Capture or TLI 31300 Tech Innov. & Integrat'n: Bar Codes & Biometrics**)
- \_\_\_\_\_ (3) ECET 32700 – Data Acquisitions and Signal Processing
- \_\_\_\_\_ (3) ECET 33700 – Analog Signal Processing
- \_\_\_\_\_ (3) ECET 43000 – Electronics Product and Program Management
- \_\_\_\_\_ (3) ECET 46000 – Project Design and Development
- \_\_\_\_\_ (3) MFET 34800 – Industrial Robots and Motion Control

**Other Departmental/Program Course Requirements (57 credits)**

- \_\_\_\_\_ (3) <sup>4</sup>Freshman Speech Selective (choose from COM 11400, SCLA 10200) (**\*SPCH-S 121**) (*satisfies Oral Communication for core*)
- \_\_\_\_\_ (3) <sup>5</sup>Communications Selective (Choose from COM 31500, **COM 32000**, COM 41500, EDPS 31500)
- \_\_\_\_\_ (3) <sup>6</sup>Technical Writing Selective (choose from **ENGL 42100**, ENGL 42400)
- \_\_\_\_\_ (3) TLI 33400 – Engineering Economics
- \_\_\_\_\_ (3) MA 16010 – Applied Calculus I (*satisfies Quantitative Reasoning for core*)
- \_\_\_\_\_ (3) MA 16020 – Applied Calculus II
- \_\_\_\_\_ (3) ECET 22400 – Electronic Systems
- \_\_\_\_\_ (3) ECET 38001 – Global/Professional Issues
- \_\_\_\_\_ (3) CHM 11100 – General Chemistry (**\*CHEM-C 105 + \*CHEM-C 125**)
- \_\_\_\_\_ (4) <sup>7</sup>PHYS Selective (choose from PHYS 21800, PHYS 22000, PHYS 17200) (**\*PHYS-P 201**) (*satisfies Science for core*)
- \_\_\_\_\_ (3) TECH 12000 - Design Thinking in Technology (*satisfies Information Literacy and Science, Technology & Society for core*)
- \_\_\_\_\_ (3) <sup>8</sup>Science Selective (**\*PHYS-P 202**)
- \_\_\_\_\_ (3) <sup>9</sup>Freshman Composition Selective (**\*ENG-W 131**) (*satisfies Written Communication for core*)
- \_\_\_\_\_ (3) <sup>10</sup>Human Cultures: Humanities Foundation Selective (*satisfies Human Cultures Humanities for core*)
- \_\_\_\_\_ (3) <sup>11</sup>Human Cultures: Behavior/Social Sciences Foundation Selective (*satisfies Human Cultures: Behavioral Sciences for core*)
- \_\_\_\_\_ (3) <sup>12</sup>Humanities/Social Science Elective
- \_\_\_\_\_ (2) <sup>13</sup>Computer Graphics Technology Selective (choose from CGT 11000, **CGT 16300**, or IT 10500)
- \_\_\_\_\_ (3) <sup>14</sup>Statistics/Quality Selective [choose between **STAT 30100 (\*MATH-K 300)**, **IT 34200**, or **TLI 31600**]
- \_\_\_\_\_ (3) <sup>15</sup>Technical Elective
- \_\_\_\_\_ (0) <sup>16</sup>Professional Selective
- \_\_\_\_\_ (0) <sup>17</sup>Intercultural Selective

**<sup>18</sup>Free Electives (4 credits)**

- \_\_\_\_\_ (4) Free Elective (**\*Apply excess Physics and Chemistry credits here.**)

**University Core Requirements \*Denotes Richmond Location Course Offering**

Human Cultures: Behavioral/Social Sciences	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	<b>(*PHYS-P 202)</b>
Human Cultures: Humanities	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	<b>(*CHEM-C105 + C125)</b>
Information Literacy	<input type="checkbox"/>	<b>TECH 12000</b>	Science, Technology & Society	<input type="checkbox"/>	<b>TECH 12000</b>
Oral Communication	<input type="checkbox"/>	<b>COM 11400</b> <b>(*SPCH-S 121)</b>	Written Communication	<input type="checkbox"/>	<b>ENGL 10600 or 10800</b> <b>(*ENG-W 131)</b>
Quantitative Reasoning	<input type="checkbox"/>	<b>MA 16010</b>			

The student is ultimately responsible for knowing and completing all degree requirements.  
 myPurduePlan is the knowledge source for specific requirements and completion.

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				MA 16010 Applied Calculus I* (Pre-req: ALEKS score of 75)	3			
ENGT 18100 ENG Tech Applications	1								
MET 14400 Materials and Processes II [Materials and Processes Selective]	3				MET 11100 Applied Statics (Pre-req: ENGT 18000)	3			
CGT 16300 Graph Comm. & Spat Anlys. [ <sup>13</sup> Computer Graphics Tech Selective]	2				MET 10200 Production Specifications (Pre-reqs: CGT Selective and ENGT 18000)	3			
TECH 12000 Design Thinking in Tech.*	3				CNIT 10500 Introduction to C Programming	3			
*ENG-W 131 (IUE) [ <sup>9</sup> Freshman Composition Selective*]	3				<sup>10</sup> Humanities Foundation Selective*	3			
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				<b>TOTAL CREDIT HOURS</b>	<b>15</b>			

Fall 2 <sup>nd</sup> Year	CR	GR	Sem	Fulfilled by	Spring 2 <sup>nd</sup> Year	CR	GR	Sem	Fulfilled by
MET 11300 Mechanics Applications (Pre-req: MET 11100)	1				MET 23000 Fluid Power [Pre-reqs: MET 11100 or PHYS 22000/*PHYS-P 201 (IUE), and MA 16010]	3			
MET 24500 Manufacturing Systems (Pre-reqs: MET 14400 & CGT Selective)	3				MFET 24800 Introduction to Robotic Systems (Pre-req: CNIT 10500)	3			
ECET 22400 Electronics Systems (Pre-req: MA 16010)	3				MET 28400 Intro to Industrial Controls (Pre-req: ECET 22400)	3			
*PHYS-P 201, 5 cr (IUE) [ <sup>7</sup> Physics Selective*]	4				*PHYS-P 202, 5 cr. (IUE) [ <sup>8</sup> Science Selective*]	3			
MA 16020 Applied Calculus II (Pre-req: MA 16010 w/C- or higher)	3				[ <sup>4</sup> Freshman Speech Selective*] *SPCH-S 121 (IUE)	3			
<sup>18</sup> Free Elective [*Apply excess Physics credits here]	1								
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				<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
MFET 34400 Automated Mfg. Processes (Pre-req: MET 24500)	3				MFET 37400 Mfg. Integration I (Pre-req: MET 28400)	3			
MFET 34800 Ind. Robots/Motion Ctrl (Pre-req: MET 28400)	3				ECET 32700 Instrument & DAQ Design (Pre-reqs: ECET 22400, MA 16010, and PHYS)	3			
ECET 33700 Analog Signal Processing (Pre-reqs: ECET 22400 and MA 16020)	3				ECET 38001 Global Professional Issues in EET	3			
IT 34200 Intro to Statistical Quality or TLI 31600 Statistical Quality Control [ <sup>14</sup> Statistics/Quality Selective]	3				[ <sup>1</sup> Manufacturing Selective]	3			
CHM 11100 General Chemistry* *CHEM-C 105 + CHEM-C 125 (IUE)	3				IT 34500 Auto ID and Data Capture or TLI 31300 Tech Inn & Int: Bar Codes & Biomet [ <sup>3</sup> Manufacturing/Controls Selective]	3			
<b>TOTAL CREDIT HOURS</b>	<b>15</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
ECET 43000 – Electronic Product and Program Management	3				ECET 46000 – Project Design and Development (Pre-req: ECET 43000)	3			
MET 48200 Mechatronics [ <sup>2</sup> Mechatronics/Controls Selective]	3				<sup>15</sup> Technical Selective	3			
ENGL 42100 Technical Writing [Pre-req: ENGL 10600/ *ENG-W 131 (IUE)] [ <sup>6</sup> Technical Writing Selective]	3				COM 32000 Small Group Communication [ <sup>5</sup> Communications Selective]	3			
<sup>11</sup> Behavioral/Social Science Foundation Selective*	3				<sup>12</sup> Humanities/Social Science Elective (200-level or higher)	3			
IET 45100 or TLI 33400 Engineering Economics	3				<sup>18</sup> Free Elective [*Apply excess Physics & Chemistry credits here]	3			
<b>TOTAL CREDIT HOURS</b>	<b>15</b>				<b>TOTAL CREDIT HOURS</b>	<b>15</b>			

\*Fulfills University core.

- 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.
- 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.

5. Complete a <sup>16</sup>Professional Requirement.  Complete an <sup>17</sup>Intercultural Requirement.

The student is ultimately responsible for knowing and completing all degree requirements.  
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## 2018-2019 MFET SUPPLEMENTAL INFORMATION

### Robotics Engineering Technology major

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See Student Services Coordinator for course availability.

#### <sup>1</sup>MANUFACTURING SELECTIVE:

AT 27200 Introduction to Composite Technology  
AT 30802 Aircraft Materials Processes  
AT 47200 Advanced Composite Technology  
CGT 32600 Graphics Standards for Product Definition  
CGT 42300 Product Data Management  
CGT 42600 Industry Applications of Simulation and Visualization  
ECET 27000 Electronics Prototype Development And Construction  
ECET 49900 Applied Comp Vision Sensing & Auto  
**IT 38100 Total Productive Maintenance**  
**IT 43400 Global Transportation And Logistics Management**

**IT 44200 Production Planning**  
**IT 48300 Facility Design for Lean Manufacturing**  
MET 30200 CAD in the Enterprise  
MET 34900 (Stringed Instrument Design and Manufacture  
MET 45100 Manufacturing Quality Systems  
MFET 29200 Projects in Automation, Robotics, and Mechatronics  
MFET 39200 Adv. Projects in Automation, Robotics, & Mechatronics  
MFET 49900 (Tech, Innovation & Culture in Bavaria (Study Abroad)  
**TLI 33620 Total Productive Maintenance**  
**TLI 44275 Global Transportation And Logistics Management**

#### <sup>2</sup>MECHATRONICS SELECTIVE:

MET 43200 Hydraulic Motion Control Systems  
MET 43600 Pneumatic Motion Control Systems  
**MET 48200 Mechatronics**

MET 58100 Design for Mechatronics  
MFET 34800 Advanced Industrial Robotics

#### <sup>3</sup>CONTROLS SELECTIVE:

ECET 27400 Wireless Communications  
ECET 35901 Computer Based Data Acquisition Applications  
ECET 49900 Appl Comp Vision Sensng & Auto  
MET 33400 Advanced Fluid Power  
MET 43200 Hydraulic Motion Control Systems

MET 43600 Pneumatic Motion Control Systems  
MET 48200 Mechatronics  
MFET 29200 Projects in Automation, Robotics, and Mechatronics  
MFET 39200 Adv Projects in Automation, Robotics, & Mechatronics  
**TLI 31300 Tech Integration: Bar Codes to Biometrics**

#### <sup>4</sup>FRESHMAN SPEECH SELECTIVE:

COM 11400 Fundamentals of Speech Communication  
**\*SPCH-S 121**

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

#### <sup>5</sup>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

#### <sup>6</sup>TECHNICAL WRITINNG SELECTIVE:

**ENGL 42100 Technical Writing**

ENGL 42400 Writing For High Technology Industries

#### <sup>7</sup>PHYSICS SELECTIVE:

PHYS 21800 General Physics  
PHYS 22000 General Physics

**\*PHYS-P 201**  
PHYS 17200 Modern Mechanics

#### <sup>8</sup>SCIENCE SELECTIVE:

BIOL 11000 Fundamentals of Biology I  
BIOL 20300 Human Anatomy and Physiology  
CHM 11200 General Chemistry II  
CHM 11600 General Chemistry

PHYS 21900 General Physics II  
PHYS 22100 General Physics  
**\*PHYS-P 202**  
PHYS 24100 Electricity and Optics

#### <sup>9</sup>FRESHMAN COMPOSITION SELECTIVE:

ENGL 10600 First-Year Composition  
**\*ENG-W 131**

ENGL 10800 Accelerated First-Year Composition

## 2018-2019 MFET SUPPLEMENTAL INFORMATION

### Robotics Engineering Technology major

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<sup>10</sup>**HUMANITIES FOUNDATIONAL SELECTIVE:** see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

<b>*ENGL-L 204</b>	<b>*FREN-F 200, *FREN-F 250</b>	<b>*PHIL-P 140</b>
<b>*FINA-A 101, *FINA-A 102</b>	<b>*HIST-H 105, *HIST-H 106</b>	<b>*SPAN-S 100, *SPAN-S 150,</b>
<b>*FINA-F 100, *FINA-H 100</b>	<b>*MUS-M 174, *MUS-T 101,</b>	<b>*SPAN-S 200, *SPAN-S 250</b>
<b>*FINA-S 200, *FINA-S 260</b>	<b>*MUS-Z 393</b>	<b>*THTR-T 210</b>
<b>*FREN-F 100, *FREN-F 150,</b>	<b>*PHIL-P 100, *PHIL-P 120,</b>	

<sup>11</sup>**BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE:** see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

<b>*ANTH-A 104, *ANTH-E 320</b>	<b>*POLS-Y 103, *POLS-Y 109, *POLS-Y 324</b>	<b>*SPCH-S 122</b>
<b>*ECON-E 103, *ECON-E 104</b>	<b>*PSY-P 103, *PSY-P 216</b>	
<b>*ENG-G 205</b>	<b>*SOC-S 100</b>	

<sup>12</sup>**HUMANITIES/SS ELECTIVE:**

Any **2xxxx or higher** course in Psychology, Sociology, English, History, Political Science, Philosophy, Anthropology, Economics, or a foreign language. Art history, art appreciation, music appreciation or theater appreciation are acceptable.

<b>*ENG-G 205, *ENGL-L 204</b>	<b>*MUS-Z 393</b>	<b>*SPAN-S 200, *SPAN-S 250</b>
<b>*FINA-S 200, *FINA-S 260</b>	<b>*POLS-Y 324</b>	<b>*THTR-T 210</b>
<b>*FREN-F 200, *FREN-F 250</b>	<b>*PSY-P 216</b>	

<sup>13</sup>**COMPUTER GRAPHICS SELCTIVE:**

**CGT 11000 Technical Graphics Communications**

IT 10500 Intro to Engineering Design

**CGT 16300 Graphical Communications and Spatial Analysis**

<sup>14</sup>**STATISTICS OR QUALITY SELECTIVE:**

**STAT 30100 Elementary Statistical Methods**

**TLI 31600 Statistical Quality Control**

**\*MATH-K 300**

<sup>15</sup>**TECHNICAL SELECTIVE:**

Any **3xxxx or higher ECET course** which is not currently required on the plan of study.

CGT 32600 Graphics Standards for Product Definition

MET 30200 CAD in the Enterprise

CGT 42300 Product Data Management

**MET 33400 Advanced Fluid Power**

CGT 42600 Industry Applications of Simulation and Visualization

**MET 34600 Advanced Materials in Manufacturing**

FNR 30110 Sustainable Forest Products Manufacturing

MET 43200 Hydraulic Motion Control Systems

**IT 33000 Industrial Sales and Sales Management**

MET 43600 Pneumatic Motion Control Systems

**IT 34500 Automatic Identification And Data Capture**

MGMT 45500 Legal Background For Business I

**IT 35100 Advanced Industrial Safety and Health Management**

**OLS 28400 Leadership Principles**

**IT 38100 Total Productive Maintenance**

**TLI 31300 Tech Integration: Bar Codes to Biometrics**

**IT 43400 Global Transportation And Logistics Management**

**TLI 33620 Total Productive Maintenance**

**IT 44200 Production Planning**

**TLI 44275 Global Transportation And Logistics Management**

**IT 48300 Facility Design for Lean Manufacturing**

**2018-2019 MFET SUPPLEMENTAL INFORMATION**

**Robotics Engineering Technology major**

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**<sup>16</sup>PROFESSIONAL REQUIREMENT:**

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, et cetera. Approval has been granted for the following experiences. Additional experiences may also satisfy this graduation requirement. Requests for approval should be submitted to the SOET Curriculum Subcommittee Chair for consideration, allowing at least four academic weeks for review and response.

**Table 1: Approved Professional Experiences**

Approval by	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 two
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

**2018-2019 MFET SUPPLEMENTAL INFORMATION**

**Robotics Engineering Technology major**

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<sup>17</sup>INTERCULTURAL REQUIREMENT:

<b><i>Polytechnic minimum global requirement</i></b>	
<b>Step 1:</b>	_____ Complete the Pre-test Intercultural Development Inventory Assessments (1 <sup>st</sup> year)
<b>Step 2:</b>	<p>_____ Complete <b>one (1)</b> of the following global experiences:*</p> <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 program, <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>	

Approved Global Courses:

\***ANTH-A 104**  
\***ANTH-E 300**  
\***ANTH-E 320**

\***FREN-F 200**  
\***FREN-F 250**  
\***POLS-Y 206**

\***POLS-Y 324**  
\***PSY-P 103**  
\***SOC-S 100**

\***SOC-S 335**  
\***SPAN-S 200**  
\***SPAN-S 250**

AAS	27100	Intro to African American Studies		ANTH	34000	Global Perspectives on Health
AAS	37300	Issues in African American Studies		ANTH	34100	Culture and Personality
AGR	20100	Communicating Across Culture		ANTH	37900	Native American Cultures
ANSC	38100	Leadership for a Diverse Workplace		ARAB	28000	Arabic Culture
ANTH	20300	Bio. Bases of Human Soc. Behavior		ASAM	24000	Intro to Asian American Studies
ANTH	20500	Human Cultural Diversity		AT	23300	Ethics and Aviation
ANTH	21000	Technology and Culture		CNIT	32000	Policy, Reg, & Globalization in IT
ANTH	21200	Culture, Food and Health		COM	22400	Comm. in the Global Workplace
ANTH	23000	Gender Across Cultures		COM	30300	Intercultural Communication

**2018-2019 MFET SUPPLEMENTAL INFORMATION**

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<sup>17</sup>INTERCULTURAL REQUIREMENT CONTINUED:

<b>COM</b>	<b>32000</b>	<b>Small Group Communication</b>		HTM	37200	Global Tourism Geography
COM	37300	Self-Presentation and Social Image		MSL	20100	Individual Leadership Studies
COM	38000	Soc. Study of African Amer. English		OLS	35000	Creativity in Business & Industry
COM	41200	Theories of Human Interaction		PHIL	11400	Global Moral Issues
COM	42300	Leadership, Communication & Orgs		PHIL	43500	Philosophy of Mind
ECET	29000	International Experience		POL	22200	Women, Politics, and Public Policy
ECET	38001	Global Professional Issues in ENGT		POL	23500	Intl. Rels Among Rich & Poor Nats
EDPS	23500	Learning and Motivation		POL	32600	Black Political Part. in America
EDPS	30000	Student Leadership Development		POL	32700	Global Green Politics
EDPS	30100	Peer Counseling Training		POL	36000	Women and the Law
EDPS	31500	Collab. Ldrship: Interpersonal Skills		POL	41300	The Human Basis of Politics
EDPS	31600	Collab. Ldrship: Cross-Cult. Settings		POL	42300	International Environmental Policy
EDPS	31700	Collab. Leadership: Mentoring		POL	42900	Contemporary Political Problems
ENGL	41400	Studies in Literature and Culture		POL	43300	International Organization
HDFS	23300	Stress & Human Health		PSY	12000	Elementary Psychology
HDFS	28000	Diversity in Individual & Family Life		PSY	25000	Psychology of Adjustment
HDFS	33200	Stress & Coping in Contemp. Fam.		PSY	25100	Health Psychology
HEBR	38500	Holocaust in Mod. Hebrew Lit.		PSY	32200	Neurosci. of Motivated Behavior
HIST	19500	Historian's Craft: Hist. Rsrch. & Film		SOC	10000	Introductory Sociology
HIST	30000	Eve of Dest: Glob Cris Wrld Org 20th Cen		SOC	31000	Racial and Ethnic Diversity
HIST	33805	History of Human Rights		SOC	33900	Intro to Soc. of Developing Nations
HIST	35000	Sci. & Soc. in 20th Century World		<b>TECH</b>	<b>33000</b>	<b>Technology and the Global Society</b>
HIST	36600	Hispanic Heritage of the US		<b>TLI</b>	<b>11200</b>	<b>Foundations of Org. Leadership</b>
HIST	37700	Hist. & Culture of Native America		<b>TLI</b>	<b>31400</b>	<b>Leading Innovation in Orgs.</b>
HIST	46900	Black Civil Rights Movement		WGSS	28200	Intro to LGBT Studies
HIST	47900	Amer. Reps of Mid. East & N. Africa		WGSS	38000	Gender and Multiculturalism
HIST	49900	History of Sexual Reg. in the US		WGSS	38300	Women and Work
HTM	37000	Sustainable Tourism & Resp. Travel				

Any foreign language course 20100, 20200, 30100, 30200, 40100, 40200.

Any Purdue-approved Study Abroad (SA) that includes reflective learning assignments.

**2018-2019 MFET SUPPLEMENTAL INFORMATION**

**Robotics Engineering Technology major**

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<sup>17</sup>INTERCULTURAL REQUIREMENT CONTINUED:

POLYTECHNIC STATEWIDE- ADDITIONAL GLOBALIZATION SELECTIVE COURSES THAT ARE PROVIDED BY THE HOST LOCATION OR OFFERED SPECIFICALLY AT STATEWIDE LOCATION.

**\*RICHMOND – OFFERED THROUGH IU EAST**

INTERNATIONAL STUDIES COURSES		CULTURAL PRODUCTIONS COURSES	
<b>*INTL-I220</b>	<b>Global Connections</b>	<b>*CLAS-C205</b>	<b>Classical Mythology</b>
<b>CULTURAL SYSTEMS COURSES</b>		<b>*ENG-L225</b>	<b>Introduction to World Masterpieces</b>
<b>*ANTH-E200</b>	<b>Social and Cultural Anthropology</b>	<b>*ENG-L382</b>	<b>Fiction of the Non-Western World</b>
<b>*ANTH-E310</b>	<b>Cultures of Africa</b>	<b>*FINA-A101</b>	<b>Ancient and Medieval Art</b>
<b>*CMCL-C205</b>	<b>Intro to Communication &amp; Culture</b>	<b>*FINA-A102</b>	<b>Renaissance through Modern Art</b>
<b>*CMCL-C380</b>	<b>Nonverbal Communication</b>	<b>*FINA-A342</b>	<b>Twentieth-Century Art</b>
<b>*CMCL-C427</b>	<b>Cross-Cultural Communication</b>	<b>HISTORICAL PERSPECTIVES</b>	
<b>*CMCL-C450</b>	<b>Gender and Communication</b>	<b>*HIST-A380</b>	<b>The Vietnam War</b>
<b>*GEOG-G110</b>	<b>Introduction to Human Geography</b>	<b>*HIST-B244</b>	<b>The Viking Age</b>
<b>*REL-R152</b>	<b>Jews, Christians, and Muslims</b>	<b>*HIST-B306</b>	<b>European Race, Gender, and Identity</b>
<b>CULTURAL SYSTEMS COURSES CONTINUED</b>		<b>*HIST-B356</b>	<b>French Revolution</b>
<b>*REL-R153</b>	<b>Religions of Asia</b>	<b>*HIST-B408</b>	<b>European Nationalism and Identity</b>
<b>*REL-R160</b>	<b>Religion in America</b>	<b>*HIST-B418</b>	<b>Germany: Nation and Volk</b>
<b>*REL-R171</b>	<b>Religion, Ethics, and Public Life</b>	<b>*HIST-B436</b>	<b>Making Modern Britain</b>
<b>*PHIL-P200</b>	<b>Problems of Philosophy</b>	<b>*HIST-B444</b>	<b>The Scandinavian Model</b>
<b>*PHIL-P371</b>	<b>Philosophy of Religion</b>	<b>*HIST-D410</b>	<b>Russian Rev. and the Soviet Regime</b>
<b>*PHIL-P393</b>	<b>Biomedical Ethics</b>	<b>*HIST-H108</b>	<b>Perspectives on the World to 1800</b>
<b>*SOC-S217</b>	<b>Social Inequality</b>	<b>*HIST-H109</b>	<b>Perspectives on the World since 1800</b>
<b>*SOC-S313</b>	<b>Religion and Society</b>	<b>*HIST-H205</b>	<b>Ancient Civilization</b>
<b>*SPAN-S284</b>	<b>Women in Hispanic Culture</b>	<b>*HIST-H219</b>	<b>Origins &amp; Hist of the 2nd World War</b>
		<b>*HIST-H232</b>	<b>The World in the Twentieth Century</b>
		<b>*HIST-F341</b>	<b>Latin America: Conquest and Empire</b>

<sup>18</sup>FREE ELECTIVE: Any non-remedial courses.

**\*Apply excess Physics and Chemistry credits here.**