



Departmental/Program Major Courses (60 credits)
Required Major Courses (22 credits)

- _____ (3) MET 11100 – Applied Statics
- _____ (3) Materials and Processes Selective
- _____ (3) MET 23000 -- Fluid Power
- _____ (3) MET 24500 – Manufacturing Systems
- _____ (3) MET 28400 – Introduction to Industrial Controls
- _____ (3) MET Selective
- _____ (3) ENGT 18000—Engineering Technology Foundations
- _____ (1) ENGT 18100—Engineering Technology Applications

Other Departmental/Program Course Requirements (36 credits)

- _____ (3) COM 11400 (*SPCH-S 121 – Public Speaking) - Fundamentals of Speech Communication (*satisfies Oral Communication for core*)
- _____ (3) MA 16010 - Applied Calculus I (*satisfies Quantitative Reasoning for core*)
- _____ (3) ECET 22400 – Electronic Systems
- _____ (3) CHM 11100 – (*CHEM-C 101 & 121) General Chemistry
- _____ (4) PHYS 22000 - (*PHYS-P 201 OR 221) General Physics (*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 ENGL 10600 or ENGL 10800 (*ENG-W 131) (*satisfies Written Communication for core*)
- _____ (3) ECON 21000 (*ECON-E 103 or ECON 104) Principles of Economics
- _____ (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, IT 10500)
- _____ (2) Free Elective

***Denotes South Bend Location Course Offering**

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"/>	_____			

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

myPurduePlan is the knowledge source for specific requirements and completion.

*****Updated 5/25/2016



School of Engineering Technology
Major: Mechanical Engineering Technology (MET) Associates
MET-AS Suggested Arrangement of Courses

Catalog Term: _____

For Catalog Term beginning in fall 2017
Major Code: METC Program Code: PIMET-AS

Fall 1 st Year	CR	GR	Sem	Fulfilled by	Spring 1 st Year	CR	GR	Se m	Fulfilled by
MA 16010 Applied Calculus I (Prereq: ALEKS score 75)	3				Humanities Foundational Selective	3			
Freshman Composition Selective – ENG-W 131 (IUSB)	3				MET 11100 Applied Statics (Prereq: ENGT 18000)	3			
Materials and Processes Selective	3				PHYS 22000 General Physics I PHYS-P 221 or 201 (IUSB)	5			
ENGT 18000 Engineering Tech Foundations	3				ECON 21000 – Principles of Econ - ECON-E 103 Intro to Microeconomics (IUSB) or ECON-E 104 Intro to Macroeconomics (IUSB)	3			
ENGT 18100 Engineering Tech Applications	1				COM 11400 Fundamental of Speech Communication*	3			
TECH 12000 Design Thinking in Technology*	3								
TOTAL CREDIT HOURS	16				TOTAL CREDIT HOURS	17			

Fall 2 nd Year	CR	GR	Sem	Fulfilled by	Spring 2 nd Year	CR	GR	Se m	Fulfilled by
ECET 22400 Electronic Systems (Prereq: MA 16010)	3				MET Selective	3			
CHM 111 General Chemistry – CHEM-C 101 & CHEM-C 121 (IUSB)	5				MET 23000 Fluid Power (Prereqs: MET 11100 and MA 16010)	3			
CGT Selective CGT 11000	3				MET 28400 Intro to Industrial Controls (Prereq: ECET 22400)	3			
MET 24500 Manufacturing Systems (Prereqs: (MET 14300 or MET 14400) and CGT Selective)	3				STAT 30100 – MATH-K 310 Statistical Tech	3			
Behavioral Social Science Foundational Selective	3				Free Elective	2			
TOTAL CREDIT HOURS	17				TOTAL CREDIT HOURS	14			

Refer to the supplemental Instruction form for options for selectives and pre-requisites.

1. 60 semester credits and a 2.0 Graduation GPA are required for the Associate of Science degree.
2. Students must earn a "D-" or better in all courses unless otherwise noted.
3. Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.

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

MET-AS SUPPLEMENTAL INFORMATION

All prerequisites must be met

BOLD indicates courses offered at the South Bend location.

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

COMPUTER GRAPHICS (GGT) SELECTIVE

**CGT 11000 Technical Graphics
Communication**

CGT 16300 Graphical Communication
and Spatial Analysis

IT 10500 Intro to Engineering Design

MATERIALS & PROCESSES SELECTIVES

MET 14400 Materials & Processes II (MET Gateway Course) OR **MET 14300 Materials & Processes I**

MET SELECTIVES

MET 14400 Materials & Processes II or **MET 14300 Materials & Processes I**

MET 10200 Production Specifications

MET 21100 Applied Strength of Materials

MET 22000 Heat & Power (prerequisites: Physics I, MA 16010 & ENGT 18000)

FRESHMAN COMPOSITION

ENGL 10600 First Year Composition

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

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>

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***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**