

Departmental/Program Major Courses (60 credits)

Required Major Courses (14 credits)

- _____ (3) MET 10200 – Production Specifications
- _____ (3) MET 11100 – Applied Statics
- _____ (1) MET 16200 – Computational Analysis Tools
- _____ (4) MET 21100 – Applied Strength of Materials
- _____ (3) MET 21300 – Dynamics

Other Departmental/Program Course Requirements (46 credits)

- _____ (3) COM 11400 - Fundamentals of Speech Communication (***SPCH-S 121**) (*satisfies Oral Communication for core*)
- _____ (3) MA 15800 – Precalculus – Functions and Trigonometry
- _____ (3) MA 16010 - Applied Calculus I (*satisfies Quantitative Reasoning for core*)
- _____ (3) ECET 22400 – Electronic Systems
- _____ (4) PHYS 22000 - General Physics (***PHYS-P 201, 5 cr**) (*satisfies Science for core*)
- _____ (4) PHYS 22100 - General Physics II (***PHYS-P 202, 5 cr**) (*satisfies Science for core*)
- _____ (3) TECH 12000 - Design Thinking in Technology (*satisfies Information Literacy and Science, Technology & Society for core*)
- _____ (3) Freshman Composition Selective⁴ (***ENG-W 131**) (*satisfies Written Communication for core*)
- _____ (3) General Education Human Cultures: Humanities Selective⁵ (*satisfies Human Cultures Humanities for core*)
- _____ (3) General Education Human Cultures: Behavior/Social Sciences Selective⁶ (*satisfies Human Cultures: Behavioral Sciences for core*)
- _____ (2) CGT Selective¹
- _____ (3) MET AS Selective²
- _____ (3) MET AS Selective²
- _____ (3) MET AS Selective²
- _____ (3) Materials & Processes Selective³

***Denotes Richmond Campus Course Offering**

University Core Requirements

Human Cultures: Behavioral/Social Sciences	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	PHYS 22000 (*PHYS-P 201)
Human Cultures: Humanities	<input type="checkbox"/>	_____	Science	<input type="checkbox"/>	PHYS 22100 (*PHYS-P 202)
Information Literacy	<input type="checkbox"/>	TECH 12000	Science, Technology & Society	<input type="checkbox"/>	TECH 12000
Oral Communication	<input type="checkbox"/>	COM 11400 (*SPCH-S 121)	Written Communication	<input type="checkbox"/>	ENGL 10600/10800 (*ENG-W 131)
Quantitative Reasoning	<input type="checkbox"/>	MA 16010			

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

myPurduePlan is the knowledge source for specific requirements and completion.

Mechanical Engineering Technology

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
2	CGT Selective ¹ CGT 16300		3	ECET 22400	
3	MA 15800	Placement	3	MA 16010*	MA 15800
3	Materials & Processes Selective ³ MET 14400		3	MET 11100	MA 15800, MET 16200
1	MET 16200	C: MA 15800	3	MET 10200	CGT 16300, MET 16200
3	Freshman Composition Selective ^{4*} ENG-W 131 (IUE)	Placement	3	Humanities Foundation Selective ^{5*}	
3	TECH 12000*				
15			15		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	MET 21100	MET 11100, C: MA 16010	3	MET AS Selective ² MET 21400	MET 21100, MET 21300
3	MET 21300	MET 11100, MET 16200, C: MA 16010	3	MET AS Selective ² MET 22000	MET 16200, PHYS-P 201 , C: MA 16010
3	MET AS Selective ² MET 24500	MA 15800, MET 14300 or 14400	3	COM 11400* SPCH-S 121 (IUE)	
4	PHYS 22000* PHYS-P 201 (5 cr)	MA 15800	4	PHYS 22100* PHYS-P 202 (5 cr)	PHYS-P 201
			3	Behavioral/Social Science Foundation Selective ^{6*}	
14			16		

***Fulfills University Core**

- 1) Students must earn a D- or higher in all courses.
- 2) 60 credits listed above are required for the MET Associates of Science degree.
- 3) 2.0 Graduation GPA required for Associates of Science degree.
- 4) 32 credits must be taken at the Purdue location conferring the degree.
- 5) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

See next page for all supplemental Information

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MET SUPPLEMENTAL INFORMATION

All prerequisites must be met.

Bold indicates courses offered at Richmond Campus.

See Student Services Coordinator for course availability.

***Indicates IUE courses for Richmond Campus only.**

¹CGT SELECTIVE (2 credits)

CGT 16300 Graphical Communication and Spatial Analysis

²MET AS SELECTIVE (9 credits)

MET 21400 Machine Elements

MET 22000 Heat and Power

MET 24500 Manufacturing Systems

³Materials and Processes Selective (3 credits)

MET 14400 Materials and Processes II

⁴FRESHMAN COMPOSITION (3 credits)

ENGL 10600 First Year Composition

***ENG-W 131**

⁵HUMANITIES FOUNDATIONAL SELECTIVE (3 credits)

See approved UCC Humanities list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

***ENGL-L 204**

***FINA-A 101, *FINA-A 102,**

***FINA-F 100, *FINA-H 100, *FINA-S 200**

***FREN-F 100, *FREN-F 150,**

***FREN-F 200, *FREN-F 250**

***HIST-H 105, *HIST-H 106**

***MUS-M 174, *MUS-T 101, *MUS-Z 393**

***PHIL-P 100, *PHIL-P 120, *PHIL-P 140**

***SPAN-S 100, *SPAN-S 150,**

***SPAN-S 200, *SPAN-S 250**

***THTR-T 210**

⁶BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE (3 credits)

See approved UCC Behavioral/Social Science list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

***ANTH-A 104, *ANTH-E 320**

***CMCL-C 122**

***ECON-E 103, *ECON-E 104**

***ENG-G 205**

***PSY-P 216**

***POLS-Y 103, *POLS-Y 324**

***PSY-P 103**

***SOC-S 100**