

**"D-" or better required in all MET courses that are a prerequisite to MET course
Departmental/Program Major Courses (60 credits)**

Mechanical Engineering Technology Major Courses (20 credits)

***Denotes Kokomo Campus Course Offering**

- ___(3) MET 10200 – Production Drawing
- ___(3) MET 11100 – Applied Statics
- ___(3) MET 14300 – Materials and Processes I
- ___(3) MET 14400 – Materials and Processes II (MET Gateway Course)
- ___(1) MET 16200 – Computational Analysis Tools
- ___(4) MET 21100 – Applied Strength of Materials
- ___(3) MET 21300- Dynamics

MET Selectives – (6 credits)

- ___(3) MET 21400 Machine Elements
- ___(3) MET 22000 Heat & Power
- ___(3) MET 23000 Fluid Power
- ___(3) MET 24500 Manufacturing Systems

Other Departmental/Program Course Requirements (34 credits)

- ___(3) COM 11400 - Fundamentals of Speech Communication ***SPCH S-121 (IUK)** *(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-P201 (IUK)** *(Satisfies Science for core)*
- ___(4) PHYS 22100 - General Physics II ***PHYS-P202 (IUK)** *(satisfies Science for core)*
- ___(3) TECH 12000 - Design Thinking in Technology *(satisfies Information Literacy and Science, Technology & Society for core)*
- ___(3) English Composition Selective (choose from ENGL 10600 or ENGL 10800) ***ENG-W131 (IUK)** *(satisfies Written Communication for core)*
- ___(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) CGT Selective (choose from CGT 11000 or CGT 16300) ***CGT11000 (IUK)**

University Core Requirements

Human Cultures: Behavioral/Social Sciences	<input type="checkbox"/> <u>UCC Selective</u>	Science	<input type="checkbox"/> <u>PHYS 22000</u>
Human Cultures: Humanities	<input type="checkbox"/> <u>UCC Selective</u>	Science	<input type="checkbox"/> <u>PHYS 22100</u>
Information Literacy	<input type="checkbox"/> <u>TECH 12000</u>	Science, Technology & Society	<input type="checkbox"/> <u>TECH 12000</u>
Oral Communication	<input type="checkbox"/> <u>COMM 14400</u>	Written Communication	<input type="checkbox"/> <u>ENGL 106/108</u>
Quantitative Reasoning	<input type="checkbox"/> <u>MA 16010</u>		

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

myPurdueplan is the knowledge source for specific requirements and completion.

NAME: _____

PUID: _____

Fall 1 st Year	CR	GR	Sem	Fulfilled by	Spring 1 st Year	CR	GR	Sem	Fulfilled by
Humanities Foundational Selective	3				MA 15800 Algebra & Trig	3			
COM 11400 Fundamental of Speech Communication* SPCH-S121 (IUK)	3				MET 11100 Applied Statics (Prereqs: MA 15800 and MET 16200)	3			
CGT Selective * CGT 110	2				MET 14300 Materials and Processes II (MET Gateway Course)	3			
MET 14300 Materials and Processes I	3				Behavioral Social Science Selective	4			
MET 16200 Computational Anly Tools	1				ENGL 10600 or ENGL 10800 * ENG-W131 (IUK)	3			
TECH 12000 Design Thinking in Tech.*	3								
TOTAL CREDIT HOURS	15				TOTAL CREDIT HOURS	15			

Fall 2 nd Year	CR	GR	Sem	Fulfilled by	Spring 2 nd Year	CR	GR	Sem	Fulfilled by
ECET 22400 Electronic Systems (Pre-req: MA 153 or MA 221 with a grade of D- or higher)	3				MET Selective	3			
MA 16010 Applied Calculus I (Pre-req: MA 15800 with grade of C- or higher)	3				MET Selective	3			
MET 21100 Strength of Materials (Pre-reqs: MET 11100 and MA 16010)	4				PHYS 22000 General Physics I* PHYS P202 (IUK) (Prereq: PHYS 21200)	4			
PHYS 22000 General Physics I* PHYS P201 (IUK)	4				MET 10200 Production Drawing	3			
MET 213 Dynamics	3				CAND 991	0			
TOTAL CREDIT HOURS	17				TOTAL CREDIT HOURS	13			

- 1) Students must earn a D- or better in all MET courses that are a prerequisite to CNIT courses.
- 2) 60 semester credits listed above are required for the MET Associate of Science degree.
- 3) 2.0 Graduation GPA required for Bachelor of Science degree.
- 4) 2.0 Graduation GPA in all MET courses required for Associate of Science degree.
- 5) MET COURSES MAY BE TAKEN NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF or WN, I AND IF GRADES): STUDENTS NOT FULFILLING THIS POLICY MUST WITHDRAW FROM THE PROGRAM.
- 6) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, WN, I and IF).

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

Updated 11/24/2014

MET SUPPLEMENTAL INFORMATION

All Prerequisites Must Be Met

Bold indicates courses offered at Columbus Campus.

*** Indicates IUK course for KOKOMO Campus only.**

See Student Services Coordinator for course availability.

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

Students of Kokomo location see the following link to review how IU courses transfer to Purdue Core:

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

ENG L 101, L102
FINA A101, A102
FREN F111, F112
GER G111, G112
HIST H105, H106, H113, H114
HUMA U103
PHIL P110, P140, 150
MUS M174
SPAN S111, S112

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

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ECON E201, E202
Any ENG-L
POLS Y103, Y107, Y217, 219
PSY P103
SOC S100, S101

MET SELECTIVES:

MET 21400: Machine Elements
MET 22000: Heat and Power
MET 23000: Fluid Power
MET 24500: Manufacturing Systems

CGT SELECTIVES:

CGT 110: Tech. Graphics Communication

GENERAL PHYSICS OPTIONS:

PHYS P201 General Physics IUK
PHYS P202 General Physics II IUK
PHYS/PHY 101 Ivy Tech
PHYS/PHY 102 Ivy Tech

**Online or distance Ivy Tech classes are not acceptable*