

**"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>		

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

**myPurdueplan is the knowledge source for specific requirements and completion.**

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NAME: \_\_\_\_\_

PUID: \_\_\_\_\_

Fall 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by	Spring 1 <sup>st</sup> Year	CR	GR	Sem	Fulfilled by
Humanities Foundational Selective	3				MA 15800 Algebra & Trig	3			
COM 11400 Fundamental of Speech Communication* <b>SPCH-S121 (IUK)</b>	3				MET 11100 Applied Statics (Prereqs: MA 15800 and MET 16200)	3			
CGT Selective * <b>CGT 110</b>	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 * <b>ENG-W131 (IUK)</b>	3			
TECH 12000 Design Thinking in Tech.*	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
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* <b>PHYS P202 (IUK)</b> (Prereq: PHYS 21200)	4			
PHYS 22000 General Physics I* <b>PHYS P201 (IUK)</b>	4				MET 10200 Production Drawing	3			
MET 213 Dynamics	3				<b>CAND 991</b>	0			
<b>TOTAL CREDIT HOURS</b>	<b>17</b>				<b>TOTAL CREDIT HOURS</b>	<b>13</b>			

- 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).

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Updated 04/30/15

**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*