

# Mechanical Engineering Technology (MET)

Bachelor's Degree (134 credit hours)

Purdue University College of Technology

Name: \_\_\_\_\_

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

First Semester	CR	GR	Second Semester	CR	GR	Third Semester	CR	GR	Fourth Semester	CR	GR
<b>MATH 15300</b> Algebra & Trig <i>MAT 136 (ITCC)</i>	3		<b>MATH 15400</b> Algebra & Trig II <i>MAT 137 (ITCC)</i>	3		<b>MET 21100</b> Strength of Materials P: MET 11100 C: MATH 22100	4		<b>MET 24500</b> Manufacturing Systems P: MATH 15900 & MET 14300 or 14400	3	
<b>CGT 11000</b> Graphics Comm <i>DESN 103 (ITCC)</i>	3		<b>MET 10200</b> Production Specif P: CGT 11000 & MET 16200	3		<b>MET 21300</b> Dynamics P: MET 11100 C: MATH 22100	3		<b>MET 21400</b> Machine Elements P: MET 21100 & MET 21300	3	
<b>MET 16000</b> Comp Analy Tools C: MATH 15300	3		<b>MET 11100</b> Applied Statics P: MATH 15100 & MET 16200 or MET 16000 <i>METC 111 (ITCC)</i>	3		<b>ECET 21400</b> Electricity Fund <i>INDT 113 (ITCC)</i>	3		<b>MET 28400</b> Intro to Industrial Controls P:	3	
<b>ENG W131</b> <i>ENG 111 (ITCC)</i>	3		<b>MET 14300</b> Materials & Processes I <i>METC 143 (ITCC)</i>	3		<b>PHYS 218</b> Mech/Heat/Sound <i>PHY 101 (ITCC)</i>	4		<b>MET 23000</b> Fluid Power P: MET 11100 or PHYS 218 C: MATH 22100	3	
<b>MET 14400</b> Materials & Processes II	3		COMM R110 Speech <i>COM 101 (ITCC)</i>	3		<b>MATH 22100</b> Calculus	3		<b>PHYS 219</b> Elec, Light <i>PHY 102 (ITCC)</i>	4	
<b>TECH 120</b> (Technology & the Individual)	3		IT 10400 Industrial Organization IT 35100 Occup Saf & Health MET 29000 Improving Data Quality MET 29000 Metrology	3							
Total Credit Hours	18		Total Credit Hours	18		Total Credit Hours	17		Total Credit Hours	16	

Fifth Semester	CR	GR	Sixth Semester	CR	GR	Seventh Semester	CR	GR	Eighth Semester	CR	GR
<b>MATH 22200</b> Calculus II for Tech	3		<b>MET 34600</b> Advanced Materials in Manufacturing P: MET 24500, CHEM, & MET 21100	3		<b>MET Elective</b>	3		<b>MET Elective</b>	3	
<b>CHEM C101 + CHEM C121</b> <i>CHM 101 (ITCC) (Must Include Lab)</i>	5	3	<b>TECH 330</b> Technology & Global Society	3		<b>MET Elective</b>	3		<b>MET Elective</b>	3	
<b>CNIT 17500</b> Visual Programming or <b>CSCI N331</b> Vis Basic Prog <i>CINS 137 (ITCC)</i>	3		<b>MET 32000</b> Applied Thermodynamics P: MET 22000 & MATH 22100	3		<b>MET 31300</b> Applied Fluid Mechanics P: MET 23000, 22000, & MATH 22200	3		<b>COMM 320</b> Small Group Disc. or <b>COMM C223</b>	3	
<b>MET 22000</b> Heat/Power P: MET 16200 & PHYS 218 C: MATH 22100	3		<b>STAT 301</b> Stat Methods <i>MAT 200 Statistics (ITCC)</i>	3		<b>Int./Basic Sci Elective</b> IT 21400 or IT 34500 <i>CHM 102 (ITCC)</i>	3		<b>H/SS Elective</b> <i>ECN 202 (ITCC)</i>	3	
<b>TECH 320</b> Technology & the Organization	3		<b>ECON E201</b> Intro to MicroEcon <i>ECN 201 (ITCC)</i>	3		<b>IT 45100</b> Monetary Analysis or <b>IT 45000</b> Production Cost Analysis	3		<b>ENGL 421</b> Technical Writing or <b>ENG W231</b> <i>ENG 211 (ITCC)</i>	3	
						<b>H/SS Elective</b> <i>H/SS Elective (ITCC)</i>	3		<b>CAND 991</b> (register with last course to receive diploma)	0	-
Total Credit Hours	17		Total Credit Hours	15		Total Credit Hours	18		Total Credit Hours	15	

SS/Humanities Electives: English, History, Philosophy, Foreign Language, Anthropology, Economics, Political Science, Psychology, Sociology, Art/Music/Theater Appreciation

MET Elective: A 300/400 level MET course which is not required.

Interdis. Elec: A 300/400 level engr, EET, CIMT, CS or elective IT course.

Basic Science Elec: A CHEM, MA, PHYS or STAT course.

All students must complete a minimum of 32 hours of 300 level or higher courses at the PCOT Columbus location for graduation.

Responsibility for completing graduation requirements is SOLELY that of the student!!

Student must be registered for CAND 991 the semester of graduation.