

MET Bachelor's Plan of Study
 Department of Mechanical Engineering Technology
 Purdue College of Technology
www.purdue.edu/tech/columbus
 (812) 348-7203

First Semester	CR	GR	Second Semester	CR	GR	Third Semester	CR	GR	Fourth Semester	CR	GR
MATH 153 (Algebra & Trig) MAT 131 (ITSC)	3		MATH 154 (Algebra II) MAT 132 (ITSC)	3		MET 211 (Strength of Mat)	4		ECET 214 (Electricity Fund)	3	
CGT 110 (Graphics Comm.)	3		MET 102 (Production Specif.)	3		MET 213 (Dynamics)	3		MET 214 (Machine Elements)	3	
MET 162 (Comp Analy Tools)	1		MET 111 (Applied Statics)	3		MET 242 (Mfg Process II)	3		MET 220 (Heat/Power)	3	
ENG W131 ENG 111 (ITSC)	3		MET 142 (Mfg Process I)	3		PHYS 218 (Mech/Heat/Sound) PHY 101 (ITSC)	4		MET 230 (Fluid Power)	3	
MET 141 (Materials I)	3		COMM-R110 (Speech) COM 101 (ITSC)	3		MATH 221 (Calculus)	3		PHYS 219 (Elec, Light) PHY 102 (ITSC)	4	
H/SS Elective H/SS Elective (ITSC)	3		IET 104 Industrial Organization OLS 331 Occup Saf & Health CPT 155 Intro to Comp Prog CPT 267 Intro to C++ MET 290 Improving Data Quality	3							
Total Credit Hours	16		Total Credit Hours	18		Total Credit Hours	17		Total Credit Hours	16	

ASSOCIATE DEGREE REQUIREMENTS COMPLETED _____

Fifth Semester	CR	GR	Sixth Semester	CR	GR	Seventh Semester	CR	GR	Eighth Semester	CR	GR
MA 222 (Calculus II for Tech)	3		MET 344 (Materials II)	3		MET Elective	3		MET Elective	3	
CHEM 111 (Gen. Chemistry) CHM 101 (ITSC)	3		MET 313 (Fluid Mechanics)	3		MET Elective	3		MET Elective	3	
CPT 175 (Visual Programming)	3		MET 382 (Controls/Instrumentation)	3		OLS/MGMT Elective	3		COM 320 (Small Group Disc.) COM 202 (ITSC)	3	
MET 320 (Thermodynamics)	3		STAT 301T (Stat Methods) MAT 115 (ITSC)	3		Int./Basic Sci Elective CHM 102 (ITSC)	3		H/SS Elective ECN 202 (ITSC)	3	
Technology and Society Elective SOC 222 (ITSC)	3		ECON 210 (Econ. Principles) ECN 201 (ITSC)	3		IET 451 (Monetary Analysis)	3		ENGL 421 (Technical Writing) ENG 211 (ITSC)	3	
Total Credit Hours	15		Total Credit Hours	15		Total Credit Hours	15		Total Credit Hours	15	

Explanation of Electives:

H/Elec: An English, History, Philosophy, or Foreign Language course.
 SS/Elec: An Anthro., Econ., Poly. Sci., Psychology, Sociology or
 Appreciation course in Art, Music, or Theatre
 Technical Selec: A technical course appearing on a list on back
 Technology & Society Elective: See the list on back for choices

Interdis. Elec: a 300/400 level engr, EET, CIMT, CS or elective IET course.
 Basic Science Elec: a CHEM, MA, PHYS or STAT course.
 MET Elec: a 300/400 level MET course which is not required.
 Recommended MET electives are listed on back
 OLS/MGMT Elec: a mgmt or organizational leadership course.