

MECHANICAL ENGINEERING TECHNOLOGY, A.A.S. - MET3

- ¹ or for transfer PHY 221 University Physics I (if prerequisite MAT 140 has been completed)
- ² or for transfer PHY 222 University Physics II

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 101	English Composition I	3
or ENG 165	Professional Communications	
MAT 110	College Algebra	3
MAT 111	College Trigonometry	3
PSY 103	Human Relations	3
or PSY 201	General Psychology	
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Subtotal		15
Required Core Subject Areas		
CIM 131	Computer Integrated Manufacturing	3
EGR 170	Engineering Materials	3
EGR 175	Manufacturing Processes	3
EGR 194	Statics and Strength of Materials	4
EGT 152	Fundamentals of CAD	3
Subtotal		16
Other Courses Required for Graduation		
EET 113	Electrical Circuits I	4
EET 212	Industrial Robotics	3
EGR 130	Engineering Technology Applications and Programming	3
EGT 110	Engineering Graphics I	4
MET 214	Fluid Mechanics	3
MET 231	Machine Design	4
MET 240	Mechanical Senior Project	1
PHY 201	Physics I ¹	4
PHY 202	Physics II ²	4
Subtotal		30
Electives		
Select on of the following sets:		7-8
MET 213	Dynamics	
MET 222	Thermodynamics	
or		
EET 131	Active Devices	
EET 231	Industrial Electronics	
Subtotal		7-8
Total Hours		68-69