

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

Graduation Plan

For Summer 2021: EGR 130 is available for the summer semester. Student who have not yet completed EGR 130 are encouraged to include this course on their Summer 2021 schedule.

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
EGT 110	Engineering Graphics I	4
EGR 130	Engineering Technology Applications and Programming	3
EET 212	Industrial Robotics	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
Hours		16

Spring Semester

EET 113	Electrical Circuits I	4
MAT 111	College Trigonometry	3
PHY 201	Physics I ¹	4
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		14

Summer Semester

EGT 152	Fundamentals of CAD	3
EGR 175	Manufacturing Processes	3
MET 214	Fluid Mechanics	3
PHY 202	Physics II ²	4
Hours		13

Second Year

Fall Semester

CIM 131	Computer Integrated Manufacturing	3
EGR 170	Engineering Materials	3
EGR 194	Statics and Strength of Materials	4
PSY 103	Human Relations	3
Hours		13

Spring Semester

MET 213	Dynamics	3
MET 222	Thermodynamics	4
MET 231	Machine Design	4
MET 240	Mechanical Senior Project	1
Hours		12
Total Hours		68

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

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
EET 113	Electrical Circuits I	4
EGT 110	Engineering Graphics I	4
PHY 201	Physics I ¹	4
MAT 110	College Algebra	3
Hours		15

Summer Semester

EGT 152	Fundamentals of CAD	3
MAT 111	College Trigonometry	3
PHY 202	Physics II ²	4
Hours		10

Fall Semester

EGR 130	Engineering Technology Applications and Programming	3
EET 112	AC Circuits	4
ENG 101	English Composition I	3
EGR 170	Engineering Materials	3
Hours		13

Second Year

Spring Semester

EGR 194	Statics and Strength of Materials	4
MET 214	Fluid Mechanics	3
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		10

Summer Semester

EGR 175	Manufacturing Processes	3
MET 214	Fluid Mechanics	3
Hours		6

Fall Semester

CIM 131	Computer Integrated Manufacturing	3
MET 213	Dynamics	3
Hours		6
Total Hours		60

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

Summer Start

Course	Title	Hours
First Year		
Summer Semester		
EGT 152	Fundamentals of CAD	3
MAT 110	College Algebra	3
ENG 101	English Composition I	3
	Hours	9
Fall Semester		
EGT 110	Engineering Graphics I	4
EET 212	Industrial Robotics	3
EGR 130	Engineering Technology Applications and Programming	3
MAT 111	College Trigonometry	3
	Hours	13
Spring Semester		
EET 113	Electrical Circuits I	4
PSY 103	Human Relations	3
PHY 201	Physics I ¹	4
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
	Hours	14
Second Year		
Summer Semester		
EGR 175	Manufacturing Processes	3
MET 214	Fluid Mechanics	3
PHY 202	Physics II ²	4
	Hours	10
Fall Semester		
CIM 131	Computer Integrated Manufacturing	3
EGR 194	Statics and Strength of Materials	4
EGR 170	Engineering Materials	3
	Hours	10
Spring Semester		
MET 213	Dynamics	3
MET 222	Thermodynamics	4
MET 231	Machine Design	4
MET 240	Mechanical Senior Project	1
	Hours	12
	Total Hours	68

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