

ENGINEERING DESIGN TECHNOLOGY, A.A.S. - EGT3

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		
EGR 130	Engineering Technology Applications and Programming	3
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
Hours		16

Spring Semester

EGT 125	Descriptive Geometry	2
EGT 251	Principles of CAD	3
MAT 111	College Trigonometry	3
PHY 201 or PHY 221	Physics I or University Physics I	4
Hours		12

Summer Semester

EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
PHY 202 or PHY 222	Physics II or University Physics II	4
Hours		13

Second Year

Fall Semester

CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGR 170	Engineering Materials	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
Hours		13

Spring Semester

EGR 194	Statics and Strength of Materials	4
EGT 215	Mechanical Drawing Application	4
PSY 103 or PSY 201	Human Relations or General Psychology	3

Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3
Hours	14
Total Hours	68

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
EGR 130	Engineering Technology Applications and Programming	3
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
EGT 251	Principles of CAD ¹	3
MAT 110	College Algebra	3
Hours		16

Summer Semester

EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
MAT 111	College Trigonometry	3
Hours		12

Fall Semester

CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGR 170	Engineering Materials	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
PHY 201 or PHY 221	Physics I or University Physics I	4
Hours		17

Second Year

Spring Semester

EGR 194	Statics and Strength of Materials	4
EGT 125	Descriptive Geometry	2
EGT 215	Mechanical Drawing Application	4
PHY 202 or PHY 222	Physics II or University Physics II	4
Hours		14

Summer Semester

ENG 101	English Composition I	3
PSY 103 or PSY 201	Human Relations or General Psychology	3
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)	3	
Hours	9	
Total Hours	68	

¹ See Academic Advisor. Will need special approval.

Summer Start

Course	Title	Hours
First Year		
Summer Semester		
EGT 151	Introduction to CAD	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
PSY 103 or PSY 201	Human Relations or General Psychology	3
Hours		12
Fall Semester		
EGT 110	Engineering Graphics I	4
EGR 130	Engineering Technology Applications and Programming	3
MAT 111	College Trigonometry	3
PHY 201 or PHY 221	Physics I or University Physics I	4
Hours		14
Spring Semester		
EGT 125	Descriptive Geometry	2
EGT 251	Principles of CAD	3
PHY 202 or PHY 222	Physics II or University Physics II	4
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		12
Second Year		
Summer Semester		
EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
Hours		9
Fall Semester		
CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGR 170	Engineering Materials	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
Hours		13
Spring Semester		
EGR 194	Statics and Strength of Materials	4
EGT 215	Mechanical Drawing Application	4
Hours		8
Total Hours		68