

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

Graduation Plan

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
COL 103	College Skills	3
EGR 103	Preparation for Engineering Technology	2
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
MAT 110	College Algebra	3

Hours 15

Spring Semester

EGR 130	Engineering Technology Applications and Programming	3
EGT 251	Principles of CAD	3
ENG 101	English Composition I	3
MAT 111	College Trigonometry	3
PHY 201 or PHY 221	Physics I or University Physics I	4

Hours 16

Summer Semester

EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
PSY 201 or PSY 103	General Psychology or Human Relations	3

Hours 12

Second Year

Fall Semester

CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
PHY 202 or PHY 222	Physics II or University Physics II	4

Hours 14

Spring Semester

EGR 170	Engineering Materials	3
EGR 194	Statics and Strength of Materials	4
EGT 215	Mechanical Drawing Application	4
EGT 255	Applications of Advanced CAD	2

Elective Humanities/Fine Arts (<https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/>) 3

Hours 16

Total Hours 73

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
COL 103	College Skills	3
EGR 103	Preparation for Engineering Technology	2
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
EGT 251	Principles of CAD ¹	3

Hours 15

Summer Semester

EGR 130	Engineering Technology Applications and Programming	3
EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
MAT 110	College Algebra	3

Hours 15

Fall Semester

CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
MAT 111	College Trigonometry	3
PHY 201 or PHY 221	Physics I or University Physics I	4

Hours 17

Second Year

Spring Semester

EGR 170	Engineering Materials	3
EGR 194	Statics and Strength of Materials	4
EGT 215	Mechanical Drawing Application	4
EGT 255	Applications of Advanced CAD	2
PHY 202 or PHY 222	Physics II or University Physics II	4

Hours 17

Summer Semester

ENG 101	English Composition I	3
PSY 201 or PSY 103	General Psychology or Human Relations	3

Elective Humanities/Fine Arts (<https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/>) 3

Hours 9

Total Hours 73

¹ See Academic Advisor. Will need special approval.

Summer Start

Course	Title	Hours
First Year		
Summer Semester		
COL 103	College Skills	3
EGR 103	Preparation for Engineering Technology	2
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Hours		8
Fall Semester		
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
Hours		13
Spring Semester		
EGR 130	Engineering Technology Applications and Programming	3
EGT 251	Principles of CAD	3
MAT 111	College Trigonometry	3
PHY 201 or PHY 221	Physics I or University Physics I	4
Hours		13
Second Year		
Summer Semester		
EGR 175	Manufacturing Processes	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
PSY 201 or PSY 103	General Psychology or Human Relations	3
Hours		12
Fall Semester		
CIM 131 or AET 101	Computer Integrated Manufacturing or Building Systems I	3
EGT 225	Architectural Drawing Applications	4
EGT 252	Advanced CAD	3
PHY 202 or PHY 222	Physics II or University Physics II	4
Hours		14
Spring Semester		
EGR 170	Engineering Materials	3
EGR 194	Statics and Strength of Materials	4
EGT 215	Mechanical Drawing Application	4
EGT 255	Applications of Advanced CAD	2
Hours		13
Total Hours		73