

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

Requirements

Courses	Course Title	Credit Hours
General Education Courses		
ENG 101 or ENG 165	English Composition I Professional Communications	3
MAT 110	College Algebra	3
MAT 111	College Trigonometry	3
PSY 103 or PSY 201	Human Relations General Psychology	3
Elective Humanities/Fine Arts (https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/)		3
Subtotal		15
Required Core Subject Areas		
EGT 110	Engineering Graphics I	4
EGT 151	Introduction to CAD	3
EGR 130	Engineering Technology Applications and Programming	3
EGR 175	Manufacturing Processes	3
EGR 194	Statics and Strength of Materials	4
Subtotal		17
Other Courses Required for Graduation		
CIM 131 or AET 101	Computer Integrated Manufacturing Building Systems I	3
COL 103	College Skills	3
EGR 103	Preparation for Engineering Technology	2
EGR 170	Engineering Materials	3
EGT 115	Engineering Graphics II	4
EGT 165	Introduction to CAD/CAM	2
EGT 215	Mechanical Drawing Application	4
EGT 225	Architectural Drawing Applications	4
EGT 251	Principles of CAD	3
EGT 252	Advanced CAD	3
EGT 255	Applications of Advanced CAD	2
PHY 201 or PHY 221	Physics I ¹ University Physics I	4
PHY 202 or PHY 222	Physics II ¹ University Physics II	4
Subtotal		41
Total Hours		73

¹ Students considering transferring to a 4-year institution should consult with the department head regarding specific transfer pathways.