

Graduation Plan

Fall Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGT 110	Engineering Graphics I	Coreq: ENG 100, RDG 100, MAT 152*	FA SP	4
EGR 130	Engineering Technology Applications & Programming	Coreq: MAT 102*	FA SP	3
EGT 151	Introduction to CAD	Coreq: ENG 100, RDG 100, MAT 152*	FA SP SU	3
ENG 101	English Composition I	ENG 100, RDG 100	FA SP SU	3
MAT 110	College Algebra	MAT 102 (min grade C)	FA SP SU	3
TOTAL				16

* If required by Accuplacer, the "corequisite" course(s) may be taken along with the listed Engineering course.

Spring Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGT 125	Descriptive Geometry	EGT 110	SP	2
EGT 251	Principles of CAD	EGT 151	SP	3
MAT 111	College Trigonometry	MAT 110 (min grade C)	FA SP SU	3
PHY 201	Physics I (if transferring, PHY 221)	ENG 100, RDG 100, MAT 102	FA SP SU	4
TOTAL				12

Summer Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGT 115	Engineering Graphics II	EGT 110, EGT 151	SU	4
EGT 165	Introduction to CAD/CAM	EGT 151, EGT 251	SU	2
EGR 175	Manufacturing Processes	MAT 110	SU	3
PHY 202	Physics II (if transferring, PHY 222)	PHY 201	FA SP SU	4
TOTAL				13

Fall Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
CIM 131	Computer Integrated Manufacturing (or AET 101)	Prereq: EGR 130 and EGT 152 OR EGR 130 and EGT 251	FA	3
EGR 170	Engineering Materials	EGR 175, MAT 110, MAT 111	SP SU	3
EGT 225	Architectural Drawing Applications	EGT 151	FA	4
EGT 252	Advanced CAD	EGT 151	FA SP	3
TOTAL				13

Spring Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGR 194	Statics and Strengths of Materials	MAT 110, MAT 111, PHY 201 & 221	FA SP	4
EGT 215	Mechanical Drawing Applications	EGT 115, EGT 151, Advisor Approval	FA SP	4
PSY 103	Human Relations (or PSY 201)	ENG 100, RDG 100	FA SP SU	3
	Humanities/Fine Arts	May vary by course.	FA SP SU	3
TOTAL				14

NOTE: Course offerings may vary by semester and year. Please consult DegreeWorks and the course search feature when determining if the desired course is being offered in the current semester.