

## Graduation Plan

Summer Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
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
PSY 103	Human Relations (or PSY 201)	ENG 100, RDG 100	FA SP SU	3
<b>TOTAL</b>				<b>12</b>

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

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
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
<b>TOTAL</b>				<b>14</b>

\* 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
PHY 202	Physics II (if transferring, PHY 222)	PHY 201	FA SP SU	4
	Humanities/Fine Arts	May vary by course.	FA SP SU	3
<b>TOTAL</b>				<b>12</b>

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
<b>TOTAL</b>				<b>9</b>

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 <u>OR</u> 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
<b>TOTAL</b>				<b>13</b>

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
<b>TOTAL</b>				<b>8</b>

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.

Last Updated: 2/19/2019