

Graduation Plan

Summer Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGT 152	Fundamentals of CAD	Coreq: MAT 102	SU	3
MAT 110	College Algebra	MAT 102 (min grade C)	FA SP SU	3
ENG 101	English Composition I (or ENG 165)	ENG 100, RDG 100	FA SP SU	3
TOTAL				9

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
EET 212	Industrial Robotics	Concurrent: EGR 130, MAT 102	FA	3
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
TOTAL				13

* If required by placement, the "corequisite" course(s) may be taken at the same time as the listed course.

Spring Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EET 113	Electrical Circuits	MAT 102	FA SP SU	4
PSY 103	Human Relations (or PSY 201)	ENG 100, RDG 100	FA SP SU	3
PHY 201	Physics I (if transferring, PHY 221)	ENG & RDG 100, MAT 102 (or MAT 140 *)	FA SP SU	4
	Humanities/Fine Arts	ENG 100, RDG 100	FA SP SU	3
TOTAL				14

* If taking PHY 221, the prerequisite is MAT 140, minimum grade of C.

Summer Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
EGR 175	Manufacturing Processes	Coreq: MAT 110	SU	3
MET 214	Fluid Mechanics	MAT 110 and 111	SU	3
PHY 202	Physics II (if transferring, PHY 222)	PHY 201 (or PHY 221)	FA SP SU	4
TOTAL				10

Fall Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
CIM 131	Computer Integrated Manufacturing	EGR 130; EGT 152 or 251	FA	3
EGR 194	Statics and Strengths of Materials	MAT 110, MAT 111, PHY 201 or 221	FA SP	4
EGR 170	Engineering Materials	Coreq: MAT 110	FA SU	3
TOTAL				10

Spring Semester				
Course	Course Description	Prerequisites/Corequisites	Semester(s)	Credit Hours
MET 213	Dynamics	MAT 110 & 111, PHY 201 & 202	FA SP SU	3
MET 222	Thermodynamics	EGR 194, MAT 110 and 111, PHY 201 and 202 (or 221 & 222)	FA SP	4
MET 231	Machine Design	EGR 194, EGT 152	SP	4
MET 240	Mechanical Senior Project	ADVSIOR APPROVAL REQUIRED	SP SU	1
TOTAL				12

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.