

Graduation Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Terms
COL 101 College Orientation	1.0		Any 4-week or 8-week - FA
EGR 170 Engineering Materials	3.0	ENG 031 or equivalent	16 week FA only
*EGT 111 Mechanical Drawing I	2.0	ENG 031, MAT 033 or equivalent Minimum grade of C Co-requisite: EGT 290	1 st 8 week FA or 1 st 8 week SP
*EGT 290 Computer Aided Design	1.0	ENG 031, MAT 033 or equivalent Co-requisite: EGT 111	2 nd 8 week FA or 2 nd 8 week SP
*ENG 101 English Composition I	3.0	Co-requisite: ENG 032 or equivalent	1 st or 2 nd 8 week FA
*MAT 112 Pre-Calculus	5.0	MAT 105 or equivalent Minimum grade of C	16 week FA
TOTAL	15.0		

Second Semester

	Credit Hours	Pre-requisites	Recommended Terms
CPT 170 Microcomputer Applications	3.0	Recommended: AOT 101, AOT 105 or equivalent	1 st or 2 nd 8 week SP
*EGR 175 Manufacturing Processes	3.0	ENG 031 or equivalent Minimum grade of C	1 st or 2 nd 8 week SP or 2 nd 8 week SU
*EGT 112 Mechanical Drawing II	3.0	EGT 111 and EGT 290 Minimum grade of C	1 st 8 week SP or 1 st 4 week SU
ENG 160 Technical Communications	3.0	ENG 101 or equivalent Minimum grade of C	1 st or 2 nd 8 week - SP
*PHY 201 Physics I	4.0	ENG 032 or equivalent MAT 110, MAT 112 or equivalent	16 week - SP
TOTAL	16.0		

Third Semester

	Credit Hours	Pre-requisites	Recommended Terms
*EGR 190 Statics	3.0	MAT 112 Minimum grade of C	16 week FA only
EGT 210 Engineering Graphics III	4.0	EGT 112 Minimum grade of C	16 week FA only
EGT 252 Advanced CAD	3.0	EGT 112 - minimum grade of C	16 week – FA <i>Day: FA only</i> <i>Night: SP only</i>

* Courses in this program that require a minimum grade of "C."

@Approved electives are determined by specialization and are listed separately at the end of the document.

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@Social Science (Listed below)	3.0		
@Approved Elective (Listed below)	3.0		
TOTAL	16.0		

Fourth Semester

	Credit Hours	Pre-requisites	Recommended Terms
EGT 225 Architectural drawing Applications	4.0	EGT 112 - minimum grade of C	2 nd 8 week SP 2 nd 4 week SU (evening)
MET 211 Strength of Materials	4.0	PHY 201, EGR 190 Minimum grade of C	16 week SP only
PHY 202 Physics II	4.0	PHY 201	16 week - SP
@Humanities (Listed below)	3.0		
TOTAL	15.0		

@ Approved Electives: CHM 101, CHM110, CPT 168, EGR 260, EGR 264, EGR 266, MAT 140, MET 214, MET 219, MET 223, MET 231, MTT 101

@Humanities: HIS 101, HIS 102, HIS 201, HIS 202, HSS 205

@Social Science: ECO 210, ECO 211, PSC 201, PSY 201, SOC 101

* Courses in this program that require a minimum grade of "C."

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