



A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Credits	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
CET 1111: Beginning CAD	3	C-		F, S	Minimum score of ALEKS 30 or equivalent	
CET 1112: Beginning Surveying OR CE 3301: Surveying	3	C-		F, S F, S	MATH 1143 CE 2210 or ME 2210	MATH 1143
[€] CET 1115A: Materials Testing I OR CET 1113: Civil and Geomatics Engineering Technology I	4 2	C-		F F, S	Minimum score of ALEKS 30 or equivalent	
[¥] MATH 1143: Precalculus I: Algebra	3	D-		F, S, Su	Appropriate placement score	
Total	11-13					
Semester Two						
CET 1121: Civil 3D Drafting	3	C-		F, S	CET 1111	
CET 1122: Intermediate Surveying and Spatial Analysis	3	C-		F, S	CET 1112, MATH 1144	MATH 1144
[€] CET 1125A: Materials Testing II OR CET 1123: Civil and Geomatics Engineering Technology II	4 2	C-		S F, S	CET 1115A	
[¥] MATH 1144: Precalculus II: Trigonometry	2	D-		F, S, Su	MATH 1143 or appropriate placement score	
Total	10-12					
Semester Three						
GE Objective 1: ENGL 1101 Writing and Rhetoric I OR ENGL 1102 Writing and Rhetoric II	3	D-	GE	F, S, Su	Appropriate placement score	
CET 2216: Route Survey and GPS Fundamentals	3	C-		F, S	CET 1121, 1122, MATH 1122	
CET 2228: Principles of GIS	3	C-		F, S	CET 1122 or instructor approval	
CET 2232: Plan Reading and Worksite Safety	3	C-		F, S		
[€] None OR CET 2215: Materials Theory	0 3	C-		F, S	MATH 1143, 1144	MATH 1144
Total	12-15					
Semester Four						
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	D-	GE	F, S		
CET 2220: Statics and Strength of Materials	3	C-		S	MATH 1144 or MATH 1147	
CET 2226: Construction Surveying	3	C-		F, S	CET 1122, MATH 1144	
CET 2243: Public Works	3	C-		F, S	MATH 1143, 1144	MATH 1144
CET 2251: Introduction to Legal Descriptions	1	C-		F, S		
GEMT 3313: Surveying Software Applications	3	C-		S, D	MATH 1143, 1144, CET 1122	
Total	16					
[*] GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major ^{**} See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)						

Form Revised 2.14.2023