

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

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co Requisite
Semester One						
GE Objective 2: COMM 1101 Principles of Speech	3	C-	GE			
ESET 0100: Engineering Technology Orientation	1	C-		F,S		
ESET 0100L: Engineering Technology Orientation Lab	1	C-		F,S		
ESET 0101: Electrical Circuits I	5	C-		F		ESET 0101L
ESET 0101L: Electrical Circuits I Lab	5	C-		F		ESET 0101
ESET 0141: Applied Mathematics I	4	C-		F,S		ESET 0101 or ESET 0121
Total	19					
Semester Two						
GE Objective 5: PHYS 1101 & Lab OR CHEM 1100	4	C-	GE			
GE Objective 6:	3	C-	GE			
ESET 0102: Electrical Circuits II	5	C-		F,S		ESET 0102L
ESET 0102L: Electrical Circuits II Lab	5	C-		F,S		ESET 0102
ESET 0142: Applied Mathematics II	4	C-		F,S		ESET 0102 or ESET 0127
TGE 0159: Internship Strategies	1	D-		D		
Total	22					
Semester Three						
GE Objective 1: ENGL 1101 English Composition	3	C-	GE			
ESET 0212: Electrical Sys Documentation and Standards	1	C-		F	ESET 0101, 0102 or Instructor Permission	
ESET 0220: Thermal Cycles and Heat Transfer	2	C-		F		
ESET 0292: Electrical Engineering Tech I	7	C-		F	ESET 0101, 0102, 0141, 0142	
ESET 0292L: Electrical Engineering Tech Lab I	5	C-		F	ESET 0101L,0102L, 0141, 0142	
Total	18					
Semester Four						
GE Objective 3: MATH 1153 OR MATH 1170	3	C-	GE		ESET 0141 and ESET 0142	
ESET 0221: Boiler Reactor and Turbine Principles	2	C-		S	ESET 0102 or ESET 0122	
ESET 0222: Process Control Theory	3	C-		S	ESET 0101, 0102, 0141, 0142	ESET 0226
ESET 0226: Process Control Devices Lab	1	C-		S	ESET 0101, 0102, 0141, 0142	ESET 0222
ESET 0293: Electrical Engineering Tech II	5	C-		S	ESET 0101, 0102, 0141, 0142	ESET 0293L
ESET 0293L: Electrical Engineering Tech II Lab	4	C-		S	ESET 0101, 0102, 0141, 0142	ESET 0293
Total	18					
*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.)						

