

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	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
<b>Semester One</b>						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE	F, S, Su		
ESET 1100: Engineering Technology Orientation	1	C-		F, S, D		
ESET 1100L: Intro to an Industrial Environment Lab	1	C-		F, S, D		
ESET 1101: Electrical Circuits I	4	C-		F, S, D		ESET 1101L
ESET 1101L: Electrical Circuits I Laboratory	4	C-		F, S, D		ESET 1101
ESET 1140: Applied Technical Intermediate Algebra	5	C-		F, S, D		
<b>Total</b>	<b>18</b>					
<b>Semester Two</b>						
GE Objective 5: PHYS 1101/L or CHEM 1100	4	C-	GE	F, S		
TGE 1159: Internship Strategies	1	C-		D		
ESET 1102: Electrical Circuits II	5	C-		F, S, D		ESET 1102L
ESET 1102L: Electrical Circuits II Laboratory	5	C-		F, S, D		ESET 1102
ESET 1110: Introduction to Process Control	1	C-		F, S, D	ESET 1100	ESET 1110L
ESET 1110L: Introduction to Process Control Laboratory	1	C-		F, S, D	ESET 1100L	ESET 1110
<b>Total</b>	<b>17</b>					
<b>Semester Three</b>						
GE Objective 2: COMM 1101 Fundamentals of Oral Communication	3	C-	GE	F, S		
GE Objective 3: Mathematical Ways of Knowing	3-4	C-	GE	F, S		
INST 2281: Electrical Automation Theory	8	C-		F, S	ESET 1102/L, ESET 1110/L	INST 2282
INST 2282: Electrical Automation Laboratory	5	C-		F, S		INST 2281
<b>Total</b>	<b>19-20</b>					
<b>Semester Four</b>						
GE Objective 6: TGE 1150 ( <b>Recommended</b> )	3	C-	GE	F, S		
INST 2295: Process Measurement and Control Theory	6	C-		F, S, D	INST 2281, INST 2282	INST 2293, INST 2296
INST 2293: Process Measurement and Control Lab	4	C-		F, S		INST 2295, INST 2296
INST 2296: Process Dynamics	4	C-		F, S	INST 2281, INST 2282	INST 2293, INST 2295
<b>Total</b>	<b>17</b>					

\*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.)

