

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		Appropriate Placement Score	
RCET 0153A: Basic Electricity & DC Circuit Theory	4	C-		F,S		RCET 0153B
RCET 0153B: Basic Electricity & AC Circuit Theory	4	C-		F,S		RCET 0153A
RCET 0155A: Basic Electricity & DC Circuit Lab	2	C-		F,S		RCET 0155B
RCET 0155B: Basic Electricity & AC Circuit Lab	3	C-				RCET 0153B, 0155A
Total	16					
Semester Two						
GE Objective 5: PHYS 1101/1101L Elements of Physics	4	C-	GE			
RCET 0142: Applied Mathematics II	4	C-		F,S	RCET 0153B	
RCET 0154: Electronic Control Devices Theory	5	C-		F,S	RCET 0153B, 0155B	RCET 0156, 0142
RCET 0156: Electronic Control Devices Lab	5	C-		F,S	RCET 0153B, 0155B	RCET 0154
Total	18					
Semester Three						
RCET 0251: Systems Analog & Digital Theory	7	C-		F,S		RCET 0253
RCET 0253: Systems Analog & Digital Lab	5	C-		F,S	RCET 0156	RCET 0251
RCET 0264: Introductory Calculus	4	C-		F,S	RCET 0142	
RCET 0271: Introduction to Lab Simulation Software	2	C-		F,S		
Total	18					
Semester Four						
RCET 0265: Computer Fundamentals & Intro to Programming	4	C-		F,S		
RCET 0267: Radio Frequency Transmission Theory	7	C-		F,S	RCET 0251, 0253, 0264	RCET 0268
RCET 0268: Radio Frequency Transmission Lab	5	C-		F,S	RCET 0251, 0253, 0264	RCET 027
RCET 0270: Electronic Drafting	2	C-		F,S		
Total	18					
Semester Five						
GE Objective 1: ENGL 1101 English Composition	3	D-	GE			
RCET 0371: Advanced Math for Electronics	4	C-		F,S		
RCET 0373: Advanced Digital Theory	5	C-		F,S		
RCET 0375: Advanced Digital Lab	5	C-		F,S		
Total	17					
Semester Six						
GE Objective 6: Select from options	3	C-	GE			
GE Objective 3: RCET 1372 Calculus for Advanced Electronics	4	C-	GE			
TGE 0158: Employment Strategies	2	D-		D		
RCET 0374: Advanced Pulse Theory	5	C-		F,S		RCET 0376
RCET 0376: Advanced Pulse Laboratory	5	C-		F,S		RCET 0374
Total	19					

*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.)

2018-2019 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES * Satisfy 1, 2, 3, 5 and 6 only	15 Cr. Min
RCET, AAS - MAJOR REQUIREMENTS	89	1. Written English (6 cr. min) ENGL 1101 (or equivalent)	3
RCET 0142: Applied Mathematics II	4		
RCET 0153A: Basic Electricity and DC Circuit Theory	4	2. Spoken English (3 cr. min) COMM 1101	3
RCET 0153B: Basic Electricity and AC Circuit Theory	4	3. Mathematics (3 cr. min) RCET 1372	4
RCET 0154: Electronic Control Devices Theory	5	4. Humanities, Fine Arts, Foreign Lang.	
RCET 0155A: Basic Electricity and DC Circuit Lab	2		
RCET 0155B: Basic Electricity and AC Circuit Lab	3		
RCET 0156: Electronic Control Devices Lab	5	5. Natural Sciences (1 Course including a lab; 4 cr. min)	
RCET 0251: Systems Analog and Digital Theory	7	PHYS 1101 and 1101 Lab Elements of Physics	4
RCET 0253: Systems Analog and Digital Laboratory	5		
RCET 0264: Introductory Calculus	4	6. Behavioral and Social Science (1 course; 3 cr. min)	
RCET 0265: Computer Fundamentals & Intro to Programming	4		3
RCET 0267: Radio Frequency Transmission Theory	7		
RCET 0268: Radio Frequency Transmission Lab	5	One Course from EITHER Objective 7 OR 8	
RCET 0270: Electronic Drafting	2	7. Critical Thinking	
RCET 0271: Introduction to Lab Simulation Software	2	8. Information Literacy	
RCET 0371: Advanced Math for Electronics	4	9. Cultural Diversity	
RCET 0373: Advanced Digital Theory	5		
RCET 0374: Advanced Pulse Theory	5	General Education Elective to reach 15 cr. min.	
RCET 0375: Advanced Digital Laboratory	5		
RCET 0376: Advanced Pulse Laboratory	5	Total GE	17
TGE 0158: Employment Strategies	2	Undergraduate Catalog and GE Objectives by Catalog Year	
RCET 1372: Calculus for Advanced Electronics (counted in GE Obj. 3)			
		MAP Credit Summary	CR
		Major	89
		General Education	17
		Free Electives to reach 60	0
		TOTAL	106
		Graduation Requirement Minimum Credit Checklist	Confirmed
		Minimum 15 cr. General Education Objectives (Associate)	
		Minimum 60 cr. Total (Associate)	
Advising Notes		MAP Completion Status (for internal use only)	
			<i>Date</i>
		<i>Department:</i>	
		<i>CAA or COT:</i>	TIM 08/01/2018
		<i>Registrar:</i>	