

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES ELECTRONICS ENGINEERING TECHNOLOGY-PROGRAM YEAR 2020-21

1 ST YEAR							
1 ST SEMESTER	HOURS	2 ND SEMESTER	HOURS				
TROY 1101	1	ENG 1102/04	3				
ENG 1101/03	3	MTH 1126	4				
MTH 1125	4	AREA II FINE ARTS COURSE	3				
CHM 1142/LAB	3/1	PHY 2262/L262	3/1				
EET 2220/L220	3/1	FREE ELEC	1				
Market Section 2014 Control of Control							
TOTAL	16	TOTAL	15				
	2 ND \	/EAR					
3 rd Semester	HOURS	4 th Semester	HOURS				
AREA II LIT COURSE	3	AREA III SCI/LAB COURSE	3/1				
CS 2250	3	AREA IV HIS COURSE	3				
GEM 1100	2	AREA II HUM/FA COURSE	3				
EET 2221/L221	3/1	EET 3311/L311	3/1				
PHY 2263/L263	3/1	FREE ELEC	1				
REPORTED TO BE SEED OF STATE							
TOTAL	16	TOTAL	15				
3 RD YEAR							
	<u> </u>						
5 th Semester	HOURS	6 th Semester	HOURS				
EET 3312/L312	HOURS 3/1	6 TH SEMESTER EET 3315/L315	3/1				
EET 3312/L312 FREE ELEC (PHY 3359/L359 DR)	3/1 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE	3/1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC	3/1 3/1 1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC	3/1 3 1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE	3/1 3/1 1 3	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444	3/1 3 1 3/1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE	3/1 3/1 1 3 3	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC	3/1 3 1 3/1 3				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE	HOURS 3/1 3/1 1 3 3 15	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL	3/1 3 1 3/1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL	HOURS 3/1 3/1 1 3 3 15 4 TH Y	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR	3/1 3 1 3/1 3 15				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER	3/1 3 1 3/1 3 15				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER AREA IV SS COURSE	3/1 3 1 3/1 3 15 HOURS 3				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480 EET 4420/L420	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415	3/1 3 1 3/1 3 15 HOURS 3 3/1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480 EET 4420/L420 EET 4445/L445	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TABLE 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415 FREE ELEC	3/1 3 1 3/1 3 15 HOURS 3 3/1 3				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480 EET 4420/L420	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415 FREE ELEC FREE ELEC	3/1 3 1 3/1 3 15 HOURS 3 3/1 3 1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7 TH SEMESTER EET 4480 EET 4420/L420 EET 4445/L445 FREE ELEC	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TABLE 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415 FREE ELEC	3/1 3 1 3/1 3 15 HOURS 3 3/1 3				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480 EET 4420/L420 EET 4445/L445 FREE ELEC FILE YOUR INTENT TO GRADUATE	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1 3/1 3/1 3	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415 FREE ELEC FREE ELEC FREE ELEC EET 4481	3/1 3 1 3/1 3 15 HOURS 3 3/1 3 1 3 1				
FREE ELEC (PHY 3359/L359 DR) FREE ELEC AREA IV SS COURSE AREA IV SS COURSE TOTAL 7TH SEMESTER EET 4480 EET 4420/L420 EET 4445/L445 FREE ELEC	HOURS 3/1 3/1 1 3 3 15 4 TH Y HOURS 3 3/1 3/1	6 TH SEMESTER EET 3315/L315 AREA II HUM/FA COURSE FREE ELEC EET 4444/L444 FREE ELEC TOTAL TEAR 8 TH SEMESTER AREA IV SS COURSE EET 4415/L415 FREE ELEC FREE ELEC	3/1 3 1 3/1 3 15 HOURS 3 3/1 3 11 3 14				



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COMPLETE ALL REQUIREMENTS				
AREA I				
ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II Minimum Grade of "C" required	3 HOURS 3 HOURS			
AREA II				
TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE	3 HOURS			
TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.	3 HOURS			
TAKE ANY TWO 1000-2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS.				
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.				
AREA III				
MTH 1125 CALCULUS I	4 HOURS			
MINIMUM GRADE OF "C" REQUIRED CHM 1142/L142 GENERAL CHEMISTRY I W/LAB TAKE AN ADDITIONAL 1000-2000 LEVEL SCIENCE CLASS WITH CORRESPONDING LAB FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS: BIO 1100/L100, BIO 1101/LAB, BIO 1120/LAB, BIO 1120/LAB, BIO 2229/LAB, CHM 1115/LAB, CHM 1143/LAB, CHM 2242/LAB, PHY 2252/LAB, PHY 2253/LAB, SCI 1110/LAB, SCI 2233/LAB, SCI 2234/LAB, SCI 2240/LAB				
AREA IV				
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. TAKE ANY THREE 1000-2000 LEVEL COURSES FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, FINANCE, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.	3 HOURS 9 HOURS			
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.				
AREA V				
CS 2250 COMPUTER SCIENCE I TROY 1101 THE UNIVERSITY EXPERIENCE GEM 1100 COMPUTER-AIDED DRAFTING I	3 HOURS 1 HOUR 2 HOURS			

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALAUREATE DEGREE PROGRAMS. AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN EACH MAJOR FIELD(S) OF STUDYA MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF ARTS AND SCIENCES OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.



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	RONICS ENGIN PA REQUIRED	NEERING TECHNOLOGY	(54 HOURS)
T	KE THE FOLIO	WING COURSES:	
	TH 1126	CALCULUS II	4 HOURS
		PHYSICS I WITH CALCULUS AND LAB	3/1 HOURS
		PHYSICS II WITH CALCULUS AND LAB	3/1 HOURS
EI	T 2220/L220	ELECTRICAL CIRCUITS I AND LAB	3/1 HOURS
EI	T 2221/L221	ELECTRICAL CIRCUITS II AND LAB	3/1 HOURS
El	T 3311/L311	ELECTRONIC DEVICES I AND LAB	3/1 HOURS
El	T 3312/L312	ELECTRONIC DEVICES II AND LAB	3/1 HOURS
El	T 3315/L315	DIGITAL LOGIC CIRCUITS AND LAB	3/1 HOURS
El	ET 4415/L415	INTRODUCTION TO ROBOTICS AND AUTOMATION	3/1 HOURS
El	ET 4420/L420	FUNDAMENTALS OF MICROCONTROLLERS AND LAB	3/1 HOURS
El	ET 4444/L444	OPTICAL ELECTRONICS-I AND LAB	3/1 HOURS
El	ET 4445/L445	OPTICAL ELECTRONICS-II AND LAB	3/1 HOURS
El	ET 4480 EET	SENIOR PROJECT I CAPSTONE	3 HOURS
El	ET 4481 EET	SENIOR PROJECT II CAPSTONE	3 HOURS
FREE ELECTIVES REQUIREMENT			(18 HOURS)
		R HOURS OF FREE ELECTIVE CREDIT.	18 HOURS