

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES CYBER SECURITY PROGRAM—PROGRAM YEAR 2019-2020

1 ST YEAR						
1 ST SEMESTER	HOURS	2 ND SEMESTER	HOURS			
TROY 1101	1	ENG 1102/04	3			
ENG 1101/03	3	STAT 2210	3			
MTH 1125	4	AREA II FINE ARTS COURSE	3			
AREA IV SS COURSE (CJ 1101	3	FREE ELEC (CS 3310 DR)	3			
DR)						
AREA II HUM/FA COURSE	3	CS 2250	3			
TOTAL	14	TOTAL	15			
		YEAR				
3 rd SEMESTER	HOURS	4 th Semester	HOURS			
AREA II LIT COURSE	3	MTH 2215	3			
CS 2255	3	AREA III SCI/LAB SEQ	3/1			
		COURSE				
CS 3334	3	CS 3360	3			
CS 3333	3	CS 3365	3			
AREA III SCI/LAB SEQ	3/1	AREA IV HIS COURSE	3			
COURSE	1000 100					
DESIGNATION OF STREET		No. of Control Pulsa Bulb. T				
TOTAL	16	TOTAL	16			
TTU OTAL FORTER		YEAR				
5 TH SEMESTER	HOURS		HOURS			
CS 3323	3	CS 3336	3			
FREE ELEC (CS 3325 DR)	3	AREA II HUM/FA COURSE	3			
CJ 4472	3	CJ 4473	3			
CS 4452	3	CS 4453	3			
AREA IV SS COURSE	3	APPROVED MAJ ELEC	3			
TOTAL	15	TOTAL	15			
	4 TH Y	EAR				
7 th SEMESTER	HOURS	8 th Semester	HOURS			
CS 4454	3	AREA IV SS COURSE	3			
CS 4420	3	CS 4455	3			
CS 4445	3	CS 4448	3			
FREE ELEC	3	FREE ELEC	3			
FREE ELEC	3	FREE ELEC	2			
FILE YOUR INTENT TO GRADUATE			THE REST OF			
TOTAL	15	TOTAL	14			
TOTAL HOURS 120						



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COMPLETE ALL REQUIREMENTS	(49 HOURS)			
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.	6 HOURS			
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 Minimum grade of "C" required	4 HOURS			
TAKE ONE SEQUENCE WITH CORRESPONDING LABS CHM 1142/LAB AND CHM 1143/LAB PHY 2252/LAB AND PHY 2253/LAB PHY 2262/LAB AND PHY 2263/LAB	8 HOURS			
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, 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: CJ 1101 IS A PREREQUISITE FOR ALL UPPER-LEVEL CJ COURSES, THEREFORE, THIS COURSE SHOULD BE TAKEN AS ONE OF THE SOCIAL SCIENCE ELECTIVES. DR DENOTES DEPARTMENTAL RECOMMENDED COURSE.				
AREA V				
CS 2250 COMPUTER SCIENCE I TROY 1101 UNIVERSITY ORIENTATION STAT 2210 INTRODUCTORY STATISTICS	3 HOURS 1 HOUR 3 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 STUDY.A 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. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSEWORK IN AREAS II OR IV.



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ELECTRONICS ENGINEERING TECHNOLOGY 2.0 GPA REQUIRED			(54 HOURS)
TAKI	THE FO	LLOWING COURSES:	
CJ	4472	CYBER CRIME	3 HOURS
CJ CJ	4473	COMPUTER FORENSICS	3 HOURS
CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	3323	DATA STRUCTURES	3 HOURS
CS	3360	CONCEPTS OF OBJECTS ORIENTED PROGRAMMING I	3 HOURS
CS	3365	INTRO TO COMP ORGANIZATION AND ARCHITECTURE	3 HOURS
CS	3333	INTRODUCTION TO CRYPTOGRAPHY	3 HOURS
CS	3334	FOUNDATIONS OF CYBER SECURITY	3 HOURS
CS	3336	INFORMATION ASSURANCE	3 HOURS
CS	4452	CYBER SECURITY POLICIES AND COMPLIANCE	3 HOURS
CS	4453	ETHICAL HACKING	3 HOURS
CS	4454	SECURE SOFTWARE DEVELOPMENT	3 HOURS
CS	4455	CYBER SECURITY TECHNIQUES AND PRACTICES	3 HOURS
CS	4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS	4445	DATA COMMUNICATION AND NETWORKING	3 HOURS
CS	4448	OPERATING SYSTEMS	3 HOURS
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS
		COURSE FROM ANY UPPER LEVEL (3000/4000 LEVEL) CIENCE ELECTIVE	3 HOURS
FREE ELE	CTIVES R	EQUIREMENT	(17 HOURS)
TAKE	E 17 SEME	STER HOURS OF FREE ELECTIVE CREDIT.	17 HOURS
(CL1	101 DD. C	CS 3210 DD. CS 3225 DD. DD DENOTES DEPARTMENTAL DECOMMENDED	

(CJ 1101 DR; CS 3310 DR; CS 3325 DR; DR DENOTES DEPARTMENTAL RECOMMENDED COURSE. CJ 1101 IS A PREREQUISITE COURSE FOR CJ 4472 AND CJ 4472. CS 3310 IS A PREREQUISITE COURSE FOR CS 3365AND CS 3325 IS A PREREQUISITE COURSE FOR CS 3336.)

MY DEGREE MAP SERVES AS A GUIDE TO ASSIST YOU WITH THE PROPER SEQUENCE AND SELECTION OF COURSES. IT DOES NOT REPLACE YOUR PROGRAM EVALUATION (AVAILABLE THROUGH TROJAN WEB EXPRESS), WHICH DEPICTS THE OFFICIAL DOCUMENT USED TO CLEAR STUDIENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRES WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MINDT THAT SOME COURSES, SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES, ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE CONSULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.