

# MY DEGREE MAP College of Arts and Sciences Cyber Security Program Program Year 2018-19

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
TROY 1101	1	ENG 1102/04	3
ENG 1101/03	3	MTH 2210	3
MTH 1125	4	AREA II FINE ARTS COURSE	3
AREA IV SS COURSE (CJ 1101 DR)	3	FREE ELEC (CS 3310 DR)	3
AREA II HUM/FA COURSE	3	CS 2250	3
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TOTAL	14	TOTAL	15
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
AREA II LIT COURSE	3	MTH 2215	3
CS 2255	3 3 3 3	AREA III SCI/LAB SEQ COURSE	3/1
CS 3334	3	CS 3360	3
CS 3333		CS 3365	3
AREA III SCI/LAB SEQ COURSE	3/1	AREA IV HIS COURSE	3
TOTAL		TOTAL	
TOTAL	16	TOTAL	16
FALL SEMESTER	HOURS	SPRING SEMESTER	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 3	CJ 4473 CS 4453	33
CS 4452 Area IV SS Course	3	CJ 4473 CS 4453 APPROVED MAJ ELEC	3 3 3
CS 4452	-	CJ 4473 CS 4453	33
CS 4452 Area IV SS Course	3	CJ 4473 CS 4453 APPROVED MAJ ELEC	3 3 3
CS 4452 Area IV SS Course	3	CJ 4473 CS 4453 APPROVED MAJ ELEC	3 3 3
CS 4452 AREA IV SS COURSE TOTAL	3 15 HOURS	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL	3 3 3 15 HOURS 3
CS 4452 Area IV SS Course Total Fall Semester	3 15 HOURS 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER	3 3 3 15 HOURS 3 3
CS 4452 Area IV SS Course Total Fall Semester CS 4454	3 15 HOURS 3 3 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER AREA IV SS COURSE	3 3 3 15 HOURS 3 3 3 3
CS 4452 AREA IV SS COURSE TOTAL FALL SEMESTER CS 4454 CS 4420	3 15 HOURS 3 3 3 3 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER AREA IV SS COURSE CS 4455	3 3 3 15 HOURS 3 3 3 3 3 3
CS 4452 AREA IV SS COURSE TOTAL FALL SEMESTER CS 4454 CS 4420 CS 4420 CS 4445 FREE ELEC FREE ELEC	3 15 HOURS 3 3 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER AREA IV SS COURSE CS 4455 CS 4448	3 3 3 15 HOURS 3 3 3 3
CS 4452 AREA IV SS COURSE TOTAL FALL SEMESTER CS 4454 CS 4454 CS 4420 CS 4445 FREE ELEC FREE ELEC FREE ELEC FILE YOUR GRADUATION APPLICATION	3 15 HOURS 3 3 3 3 3 3 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER AREA IV SS COURSE CS 4455 CS 4448 FREE ELEC FREE ELEC	3 3 3 15 HOURS 3 3 3 3 3 2
CS 4452 AREA IV SS COURSE TOTAL FALL SEMESTER CS 4454 CS 4420 CS 4420 CS 4445 FREE ELEC FREE ELEC	3 15 HOURS 3 3 3 3 3 3	CJ 4473 CS 4453 APPROVED MAJ ELEC TOTAL SPRING SEMESTER AREA IV SS COURSE CS 4455 CS 4448 FREE ELEC	3 3 3 15 HOURS 3 3 3 3 3 3



## COLLEGE OF ARTS AND SCIENCES CYBER SECURITY PROGRAM PROGRAM YEAR 2018-19

#### **COMPLETE ALL REQUIREMENTS** (49 HOURS) AREA I ENG 1101 ENG 1102 COMP AND MODERN ENGLISH I **3 HOURS** COMP AND MODERN ENGLISH II **3 HOURS** MINIMUM GRADE OF "C" REQUIRED AREA II TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE **3 HOURS** TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL **3 HOURS** AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA. TAKE ANY TWO 1000-2000 LEVEL COURSES WITH AN EXPANDED 6 HOURS 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 TAKE ONE SEQUENCE WITH CORRESPONDING LABS 8 HOURS CHM 1142/LAB AND CHM 1143/LAB PHY 2252/LAB AND PHY 2253/LAB PHY 2262/LAB AND PHY 2263/LAB AREA IV TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. **3 HOURS** TAKE ANY THREE 1000-2000 LEVEL COURSES FROM THE FOLLOWING SOCIAL 9 HOURS 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. 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 **3 HOURS** TROY 1101 UNIVERSITY ORIENTATION 1 HOUR MTH 2210 INTRODUCTORY STATISTICS **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. COMPLE-TION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALUREATE DEGREE PROGRAMS.AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMISTER 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 COURSE-WORK IN AREAS II OR IV.



## COLLEGE OF ARTS AND SCIENCES CYBER SECURITY PROGRAM PROGRAM YEAR 2018-19

#### ELECTRONICS ENGINEERING TECHNOLOGY 2.0 GPA REQUIRED

(54 HOURS)

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		LLOWING COURSES:		
CJ	4472	CYBER CRIME	3 HOURS	
CJ	4473	COMPUTER FORENSICS	3 HOURS	
ĊŚ	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	
SELECT ONE COURSE FROM ANY UPPER LEVEL (3000/4000 LEVEL)		3 HOURS		
		CIENCE ELECTIVE		
EE ELECTIVES REQUIREMENT		(17 HOURS		
TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT.		17 HOURS		
(CS 3310 DR; CS 3325 DR; DR DENOTES DEPARTMENTAL RECOMMENDED				
COURSE, CS 3310 IS A PREREQUISITE COURSE FOR CS 3365				
		IS A PREREQUISITE COURSE FOR CS 3336.)		

#### TOTAL REQUIRED HOURS

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120 HOURS

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 STUDENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRED COURSE 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 MIND 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.