

# MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN CYBER SECURITY PROGRAM-PROGRAM YEAR 2022-23

	term 1		term 2		term 3		term 4		term 5	
1 <sup>st</sup> YEAR	FREE ELEC (MTH 1112 DR)	3	AREA IV SS Course (CJ 1101 DR)	3	ENG 1102/04	3	FREE ELEC (MTH 1114 DR)	3	AREA II HUM/FA Course	3
	ENG 1101/03	3	AREA II FINE ARTS Course	3	AREA III SCI/LAB	3/1	AREA IV SS COURSE	3		
	TROY 1101	1						17		
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3
2 <sup>ND</sup> YEAR	term 1		term 2		term 3		term 4		term 5	
	AREA II LIT Course	3	AREA IV HIS Course	3	MTH 1125	4	CS 3334	3	STAT 2210	3
	AREA III SCI LAB Course	3/1	CS 2250	3	CS 2255	3	MTH 2215	3	FREE ELEC	3
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	6
3 <sup>rd</sup> YEAR	term 1	term 2		term 3		term 4		term 5		
	AREA IV HUM/FA Course	3	REQ_MAJ COURSE	3	REQ MAJ COURSE	3	REQ_MAJ COURSE	3	FREE ELEC	3
	REQ MAJ COURSE	3	CJ 3380	3	CJ 4472	3	REQ_MAJ COURSE	3	AREA IV SS Course	3
	CN 2 BURNER	-	all martines						148 2 20	
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
	term 1		term 2		term 3		term 4		term 5	
4 <sup>тн</sup> YEAR	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ Elec	3
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3	REQ MAJ COURSE	3	FREE ELEC	2
							FION APPLICATION			
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	5
			6-10-2-2-10				中国法国生活之外	TC	TAL PROGRAM	120



# COLLEGE OF ARTS AND SCIENCES CYBER SECURITY PROGRAM-PROGRAM YEAR 2022-23

COMPLETE ALL REQUIREMENTS (49 H)				
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AREAI				
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 ANY TWO 1000-2000 LEVEL SCIENCE CLASSES FROM THE FOLLOWING: BIOLOGY, CHEMISTRY, Physics, Physical Science, or other science areas. Bio 1100/L100, Bio 1101/L101, Bio 1120/L120, Bio 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, Phy 2252/L252, Phy 2253/L253, Phy 2262/L262, Phy 2263/L263, Sci 2233/L233, Sci 2234/L234, Sci 2240/L240.	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 COURSES OR FREE ELECTIVES. DR DENOTES DEPARTMENTAL RECOMMENDED COURSE.				
AREAV				

CS	2250	COMPUTER SCIENCE I	3 HOURS
TROY	1101	THE UNIVERSITY EXPERIENCE	1 HOUR
STAT	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. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENT.A 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 11 OR IV.



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## COLLEGE OF ARTS AND SCIENCES CYBER SECURITY PROGRAM-PROGRAM YEAR 2022-23

### ELECTRONICS ENGINEERING TECHNOLOGY 2.0 GPA REQUIRED

#### (54 HOURS)

TAKE	THE FO	LLOWING COURSES:	
CJ	3380	DIGITAL FORENSICS	3 HOURS
CJ	4472	CYBER CRIME	3 HOURS
CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	3323		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
SELEC	T ONE (	COURSE FROM ANY UPPER LEVEL (3000/4000 LEVEL)	3 HOURS
COMI	PUTER S	CIENCE ELECTIVE	
	TIME		(17 1101186)
		REQUIREMENT	(17 HOURS)

TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT.

(CJ 1101 DR; CS 3310 DR; CS 3325 DR; DR DENOTES DEPARTMENTAL RECOMMENDED Course. CJ 1101 IS a prerequisite course for CJ 3340, CJ 3380, and CJ 4472. CS 3310 IS a prerequisite course for CS 3365and CS 3325 IS a prerequisite Course for CS 3336.) 17 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, 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.