	Computer Science, B.S. – I	luston-Tillotson University				Notes
Student ID:		Catalog: 2022-2023 Academic	Catalog			
Student Name:		Degree Program: Computer S Concentration in Cyber Secur		Earned Credit(s):	Enough Credits Earned for Graduation?	
Adviser Name:		Minimum Credits Required	121	0	N N	
General Education Core: 53 Credits Required			1	-		
Course Category	Course Name	Credit(s):	Earned Credit(s):	Term Taken	Grade	Notes
Health & Wellness	Course Name	3	Earried Credit(S).	Term Taken	Grade	Notes
Physical Education	- 	1				
Freshman Seminar - Fall		i				
Freshman Seminar - Spring		1				
Intro to College Composition		3				
College Rhetoric and Composition		3				
Public Speaking		3				
Literature Core		3				
Mathematics Requirement (Calculus is the substitue, and a requirement)		0				
SCIENCE I – Science Core (Biology)		4				
SCIENCE II – Science Core		4				
Foundations of Computer Science		3				
HUMANITIES		3				
HISTORY		3				
GOVERNMNET		3				
LANGUAGE I – Language Core		3				
LANGUAGE II – Language Core		3				
FINE ARTS – Fine Arts Core BEHAVIORAL SCIENCE		3				
Diversity Requirement: 6 Credits Required		3				
Course Category	Course Name	Credit(s):	Earned Credit(s):	Term Taken	Grade	Notes
	Course Name		Earned Credit(s):	Term Taken	Grade	Notes
African American Diversity General Diversity		3 3				
Computer Sciecne Major Course Requirement: 18						
Course Category	Course Name	Credit(s):	Earned Credit(s):	Term Taken	Grade	Notes
Foundations of Computer Science	COSC 1311	3	Zarriou Grouni(e):	Tom Taken	- Grade	110100
Programming Foundations I	COSC 1312	3				
Programming in Java	COSC 2311	3				
Introduction to Web Programming						
	COSC 2327	3				
Data Structures	COSC 2327 COSC 2313					
Data Structures Computer Organization and Architecture	COSC 2327	3				
	COSC 2327 COSC 2313	3 3				
Computer Organization and Architecture	COSC 2327 COSC 2313 COSC 3321	3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20	COSC 2327 COSC 2313 COSC 3321	3 3 3	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship	COSC 2327 COSC 2313 COSC 3321 COSC 4308	3 3 3 3	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I	COSC 2327 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413	3 3 3 3 Credit(s): 3	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II	COSC 2327 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414	3 3 3 3 3 Credit(s): 3 4 4	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II Statistics	COSC 2327 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324	3 3 3 3 3 Credit(s): 3 4 4	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II	COSC 2327 COSC 2313 COSC 3321 COSC 4308 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318	3 3 3 3 3 Credit(s): 3 4 4 4 3 3	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II Statistics	COSC 2327 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324	3 3 3 3 3 Credit(s): 3 4 4	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II Statistics Linear Algebra	COSC 2327 COSC 2313 COSC 3321 COSC 4308 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318	3 3 3 3 3 Credit(s): 3 4 4 4 3 3	Earned Credit(s):	Term Taken	Grade	Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II Calculus II Statistics Linear Algebra Numerical Techniques for CSC Majors	COSC 2327 COSC 2313 COSC 3321 COSC 4308 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318	3 3 3 3 3 Credit(s): 3 4 4 4 3 3	Earned Credit(s):		Grade	Notes Notes
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Calculus II Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology	COSC 2327 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313	3 3 3 3 Credit(s): 3 4 4 4 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus II Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364	3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 Credit(s): 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime	COSC 2327 COSC 2313 COSC 3321 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325	3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing	COSC 2327 COSC 2313 COSC 3321 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327	3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I	COSC 2327 COSC 2313 COSC 3321 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327	3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 4327 COSC 3327	3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Computer Organization and Architecture Computer Science Internship Mathematics Requirement: 20 Course Category Discrete Mathematics Calculus I Statistics Linear Algebra Numerical Techniques for CSC Majors Cyber Security Concentration Requirement: 27 Course Category Introduction to Information Technology Artificial Intelligence and Robotics Digital Forensics and Cyber Crime Distributed and Cloud Computing Introduction to Data Science Software Engineering I COSC Elective COSC Elective COSC Elective COSC Elective	COSC 2327 COSC 2313 COSC 2313 COSC 3321 COSC 4308 Course Name MATH 2106 MATH 2413 MATH 2414 MATH 1324 MATH 2318 MATH 3336 Course Name COSC 3313 COSC 3364 COSC 3325 COSC 3327 COSC 4311	3 3 3 3 3 3 3 3 Credit(s): 3 4 4 4 3 3 3 3 3 Credit(s): 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Earned Credit(s):	Term Taken	Grade	Notes