

Computer Science, B.S. – Huston-Tillotson University

Notes

<b>Student ID:</b>		<b>Catalog: 2022-2023 Academic Catalog</b>				
<b>Student Name:</b>		<b>Degree Program: Computer Science - Concentration in Robotics, B.S</b>		<b>Earned Credit(s):</b>	<b>Enough Credits Earned for Graduation?</b>	
<b>Adviser Name:</b>		<b>Minimum Credits Required</b>	121	0	N	
General Education Core: 53 Credits Required						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
Health & Wellness		3				
Physical Education		1				
Freshman Seminar - Fall		1				
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 substitute, and a requirement)		0				
SCIENCE I – Science Core (Biology)		4				
SCIENCE II – Science Core		4				
Foundations of Computer Science		3				
HUMANITIES		3				
HISTORY		3				
GOVERNMENT		3				
LANGUAGE I – Language Core		3				
LANGUAGE II – Language Core		3				
FINE ARTS – Fine Arts Core		3				
BEHAVIORAL SCIENCE		3				
<b>Diversity Requirement: 6 Credits Required</b>						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
African American Diversity		3				
General Diversity		3				
<b>Computer Science Major Course Requirement: 18</b>						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
Foundations of Computer Science	COSC 1311	3				
Programming Foundations I	COSC 1312	3				
Programming in Java	COSC 2311	3				
Introduction to Web Programming	COSC 2327	3				
Data Structures	COSC 2313	3				
Computer Organization and Architecture	COSC 3321	3				
Computer Science Internship	COSC 4308	3				
<b>Mathematics Requirement: 20</b>						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
Discrete Mathematics	MATH 2106	3				
Calculus I	MATH 2413	4				
Calculus II	MATH 2414	4				
Statistics	MATH 1324	3				
Linear Algebra	MATH 2318	3				
Numerical Techniques for CSC Majors	MATH 3336	3				
<b>Robotics Concentration Requirement: 27</b>						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
Introduction to Robotics	COSC 1367	3				
Robotic Motivation and Building	COSC 1369	3				
Software Engineering I	COSC 4311	3				
Robotic Mobility/Autonomous/Agents/Robot Intelligence	COSC 3330	3				
Human Robotic Interaction	COSC 3332	3				
Human Agile Robotics	COSC 2332	3				
Robotic Systems Project	COSC 4330	3				
COSC Elective		3				
COSC Elective		3				
<b>General Electives:</b>						
<b>Course Category</b>	<b>Course Name</b>	<b>Credit(s):</b>	<b>Earned Credit(s):</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Notes</b>
GENERAL ELECTIVE						