



Wharton County Junior College

Computer Science AA Degree Degree Advising Plan

Student Name: _____ **ID:** _____

Computer Science

An Associate in Applied Science degree program offered by the Division of Technology and Business.

This is a recommended list of courses for students who plan to major in Computer Science at a university. Students who complete this program will be eligible to apply for the Associate in Arts degree at WCJC. Courses that must be taken in order to satisfy AA degree requirements are listed **with the corresponding WCJC Core Curriculum Component**. Required courses that are part of a Texas Higher Education Coordinating Board's approved Field of Study curricula are listed as "FOS".

WCJC's AA degree requires 60 hours, and students should be aware they may not be able to transfer more than 60-66 hours.

**Computer Science
(60 semester credit hours)**

Course	Course Title	Degree Requirement	Sem. Hours	Date Completed	Grade Earned
Freshman Year, First Semester			TOTAL Semester Hours:	14	
COSC 1436 *	Programming Fundamentals I	FOS	4		
ENGL 1301	Composition I	Core A	3		
HIST 1301	US History I	Core E	3		
MATH 2413*	Calculus I	FOS/Core B	4		
Freshman Year, Second Semester			TOTAL Semester Hours:	14	
ENGL 1302	Composition II	Core A	3		
HIST 1302	US History II	Core E	3		
MATH 2414*	Calculus II	FOS/Core B	4		
COSC 1437**	Programming Fundamentals II	FOS	4		
Sophomore Year, First Semester			TOTAL Semester Hours:	17	
COSC 2436**	Programming Fundamentals III	FOS	4		
Elective	Humanities from Core D	Core D	3		
PHYS 2425*	Physics I	FOS/Core C	4		
GOV 2301	Constitutions, Federalism, & Participation	Core E	3		
SPCH 1315	Fundamentals of Speech	Core A	3		
Sophomore Year, Second Semester			TOTAL Semester Hours:	18	
PHYS 2426*	Physics II	FOS/Core C	4		
COSC 2425**	Computer Organization & Machine Language	FOS	4		
Elective	Social/Behavioral Science from Core E	Core E	3		
Elective	Any ARTS, MUSI, or DRAM from Core D	Core D	3		
GOVT 2302	Institutions, Rights & Public Policies	Core E	3		
PHED	Any PHED activity course from Core F	Core F	1		

*** It is recommended that students complete the math sequence, physics sequence, and computer science sequence at the same institution to reduce the likelihood of potential gaps in the curriculum.**

****COSC courses will apply to general degree requirements, but may not be required for Computer Science majors at all universities (University of Texas at Austin, Arlington, and Dallas, and Texas A&M University)**

Degree/Certificate(s) Earned: _____ **Date:** _____

Student's Signature: _____ **Date:** _____

Advisor's Signature: _____ **Date:** _____