



Wharton County Junior College

Computer Programming AAS Degree

Student Name/ID: _____ Date: _____

Computer Programming AAS Degree

The Computer Programming AAS degree program is designed to prepare students for entry-level career opportunities in software development, web design, and web application programming. The curriculum of the program includes an introduction to operating systems such as Microsoft Windows and Linux and various programming languages such as HTML, Java, various .NET languages, and SQL.

Computer Programming AAS Degree (68-70 semester credit hours)

Course	Course Title / Certification(s)	Sem. Hours	Date Completed	Grade Earned
Freshman Year, First Semester TOTAL Semester Hours: 16				
COSC 1300	Introduction to Computing	3		
ITSC 1305	PC Operating System	3		
MATH Elective	MATH 1314 or higher	3		
ITSE 1329	Programming Logic and Design	3		
COSC 1436	Programming Fundamentals I	4		
Freshman Year, Second Semester TOTAL Semester Hours: 16 or 17				
ITSC 1307	UNIX Operating System I	3		
COSC 1437	Programming Fundamentals II	4		
ITSW 1307	Introduction to Database	3		
ITSE 1311	Beginning Web Programming	3		
ITNW 1325 or ITCC 1401	Fundamentals of Networking or Cisco Exploration 1	3 or 4		
Summer I TOTAL Semester Hours: 6 or 7				
ENGL 1301	English Composition I	3		
Math/Science Elective **	Any college-level MATH or Science course	3 or 4		
Sophomore Year, First Semester TOTAL Semester Hours: 15				
ITSE 1350	System Analysis and Design	3		
ITSE2309	Database Programming	3		
ARTS, DRAM, or MUSI	Any ARTS, DRAM, or MUSI course	3		
ITSE 2302	Intermediate Web Programming	3		
GOVT 2301	Constitutions, Federalism, & Participation	3		
Sophomore Year, Second Semester TOTAL Semester Hours: 15				
ITSE 2321	Object-Oriented Programming	3		
INEW 2330 (CC)	Comprehensive Software Project: Planning and Design	3		
INEW 2334	Advanced Web Programming	3		
ENGL 1302 or elective	ENGL 1302 or CETT 1331, or any ITCC, ITSC, ITNW, ITSE, INEW, or CSIR course	3		
Accounting/Business elective	Choose from ACCT 2401, BUSI 1301, or MRKG 1301	3		