



Wharton County Junior College

Computer Programming AAS Degree Advising Plan

Student Name/ID: _____ Date: _____

Computer Programming AAS Degree

The Computer Programming 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 C++, HTML, Java, Visual Basic.NET, and SQL.

Computer Programming AAS Degree (68 semester credit hours)

Course	Course Title / Certification(s)	Sem. Hours	Date Completed	Grade Earned
Freshman Year, First Semester TOTAL Semester Hours: 15				
COSC 1301	Microcomputer Applications	3		
ITSC 1305	PC Operating System	3		
ITSC 1325	Personal Computer Hardware	3		
ITSE 1329	Programming Logic and Design	3		
ITSE 1331	Introduction to Visual Basic	3		
Freshman Year, Second Semester TOTAL Semester Hours: 15				
ITSC 1307	UNIX Operating System I	3		
ITSW 1307	Introduction to Database	3		
IMED 1316	Web Page Design I	3		
MATH 1314	College Algebra	3		
ITNW 1325 or ITCC 1402 or ITCC 1401	Fundamentals of Networking or CCNA 1: Networking Basics or Cisco Exploration – Network Fundamentals	3		
Summer I TOTAL Semester Hours: 6				
ENGL 1301	English Composition I	3		
GOVT 2301	Constitutions, Federalism, & Participation	3		
Sophomore Year, First Semester TOTAL Semester Hours: 16				
COSC 1436	Programming Language I	4		
ITSE2309	Database Programming	3		
ITSE 2317	Java Programming	3		
ARTS, DRAM, or MUSI	Any ARTS, DRAM, or MUSI	3		
ITSE 2302 or Science **	Intermediate Web Programming or Science	3		
Sophomore Year, Second Semester TOTAL Semester Hours: 16				
COSC 1437	Programming Language II	4		
INEW 2330 (CC)	Computer Software Project	3		
ITSE 2349	Advanced Visual Basic	3		
Elective **	Science or CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE elective	3		
Elective **	GOVT 2302 or CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE elective	3		

** If planning to continue on to a 4-year degree, at least 6 hours of Science and GOVT 2302 should be taken for electives. If not, CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE elective can be taken.