

JAVA AND WEB PROGRAMMING CERTIFICATE OF ACHIEVEMENT - CSWEB.COA

This Java and Web Programming Certificate of Achievement is designed for those students with at least two years of college education and knowledge of CSC 134 Object Oriented Programming using C++ or CSC 162 Object Oriented Programming using Java or permissions of the chairperson.

Courses	Credits	Requisites / Comments
CSC 125 Web Markup Languages	3	Prerequisite(s): CSC 133 or CSC 161 and MAT 014
CSC 245 Unix and Shell Programming	4	Prerequisite(s): CSC 133 or CSC 161
CSC 211 Programming in Java	4	Prerequisite(s): CSC 134 or CSC 162
CSC 239 Database System Concepts	3	Prerequisite(s): CSC 133 or CSC 161
CSC 241 Web Programming	4	Prerequisite(s): CSC 134 or CSC 162
Total Credits: 18		

JAVA PROGRAMMING CERTIFICATE OF ACHIEVEMENT - CSJAVA.COA.

This Certificate of Achievement is designed for those students with at least two years of college education and who have completed courses equivalent to ENG 121 and MAT 129.

Successful completion of this certificate prepares students to take entry level jobs as Java programmers.

Courses	Credits	Requisites / Comments
CSC 161 Introduction to Computer Science in Java	4	MAT 014 or appropriate score on College's placement test.
CSC 162 Object Oriented Programming in Java	4	Corequisite(s): MAT 129 or MAT 129A or higher Prerequisite(s): CSC 161 and MAT 129 or MAT 129A or higher
CSC ____ 200-Level Programming Elective <i>Approved Programming Elective List (4 credits each):</i> CSC 211 Programming in Java CSC 236 Data Structures in Java	4	Prerequisite(s): CSC 134 or 162 Prerequisite(s): CSC 162 and MAT 129 or MAT 129B or written permission of the Department
CSC 241 Web Programming CSC 245 UNIX and Shell Programming	4	Prerequisite(s): CSC 134 or 162 CSC 133 or CSC 161
Total Credits: 16		