

Course Descriptions

Computer Science

CS 1013 Visual BASIC Programming

An introduction to Visual Basic programming. This course includes graphical user interface design, even driven programming, tool box controls and properties, basic control structures and dynamic arrays. *Traditionally offered in the Fall semester only.*

CS 1113 Computer Concepts

An introduction to the basic concepts of computer technology. Hands-on use of computers will introduce computer operating systems; file management; Internet; use of system tools; word processing, spreadsheet, database and presentation software.

CS 2113 Pascal Programming

Using the computer language PASCAL, structured methods are introduced covering basic control structures, files, input/output and arrays. Prerequisite: College Algebra (MATH 1513) or concurrent enrollment.

CS 2123 Business Technologies and Applications

Computer concepts, terminology and soft-ware applications. An overview of hardware and software components, file structures, management information systems, futuristic trends, database management systems, system analysis and design and data communications. Also included is an introduction to database, spreadsheet and word processing software application packages and application programming. Prerequisite: CS 1113 Computer Concepts.

CS 2223 COBOL Programming

Basic concepts of the business-oriented computer language are presented with students writing debugging and testing programs dealing with business applications. Various program structures and techniques are covered including table manipulation and sequential file access methods. Prerequisite: a Computer language.

CS 2243 Advanced COBOL Programming

This course is a continuation of COBOL Programming. Topics will include sequential and relative file access methods and updating, indexed sequential file access methods including sequential and random updating, advanced table handling routines, intrinsic sorts, segmentation and the use of subprograms. Prerequisite: CS 2223 COBOL Programming.

CS 2303 Java Programming

This course focuses on teaching the Java language plus practical object-oriented principles. It teaches students how to develop Java applets and applications. *Traditionally offered in the even year Spring semesters only.*

CS 2313 Programming with C++

This is a course in programming using the language C++ that includes fundamental control structures, files, input/output, and arrays. *Traditionally offered in the odd year Spring semesters only.*