

**CMPSCI 182 DATA STRUCTURES AND PROGRAM DESIGN**

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: CMPSCI-111

Co-requisite: CMPSCI-182L

Object-oriented view of data structures: stacks, queues, lists, trees using the Java programming language. A second semester (intermediate) Java programming language course.

74154 08:00AM-09:20AM TTH C. Ferguson HSLH-133

**CMPSCI 182L DATA STRUCTURES AND PROGRAM DESIGN LAB**

Units: 1.00 - UC:CSU, May Be Taken Once for Credit

Co-requisite: CMPSCI-182.

Implementation and programming of object-oriented data structures using the Java programming language.

74158 09:30AM-10:50AM TTH C. Ferguson HSLH-133

**CMPSCI 192 PHP PROGRAMMING**

Units: 3.00 - CSU, May Be Taken Once for Credit

Recommended Preparation: Student must be familiar with HTML and creating Web pages.

Introduces programming and the object oriented PHP language. Covers the use of PHP to dynamically create Web pages, build server-side CGI scripts, manipulate XML, and interface with databases.

74640 - C. Ferguson -

02/08/10-04/03/10

**ONLINE CLASS:** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning). Recommend COUNS 070, Distance Learning and Strategies for Success.

**CMPSCI 235 C PROGRAMMING**

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduces 'C' Programming including data types, operators and expressions, control flow logic, program structure, arrays functions and file I/O.

74641 11:10AM-12:30PM MW D. Forbes HSLH-133

74156 12:50PM-02:10PM TTH D. Forbes HSLH-133

■ **CONSTRUCTION** ■

**CONST 104 THE CONSTRUCTION PROCESS - PLANNING AND SCHEDULING**

Units: 3.00 - CSU, May Be Taken Once for Credit

Presents the concepts used in planning, scheduling and control of construction projects. Use of graphic charts and Critical Path Method (CPM) are featured. Includes program evaluation and review techniques (PERT), time assignment and computation, diagramming practices, monitoring, and updating.

73756 06:30PM-09:30PM T R. Blasberg ALLB-113

**CONST 105 CONSTRUCTION ESTIMATING PRINCIPLES**

Units: 3.00 - CSU, May Be Taken Once for Credit

Prerequisite: CONST-103

Introduces methods and practices related to construction estimating, including quantities and costs of materials, labor and management as well as miscellaneous items related to construction costs. May include computer program applications.

73758 06:30PM-09:30PM TH R. Blasberg ALLB-113

**CWE 188 CNST COOPERATIVE WORK EXPERIENCE EDUCATION CONSTRUCTION**

Units: 1.00-4.00 - CSU

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid. For more information about earning elective units for ongoing work experience or applying for an internship, visit [www.canyons.edu/cwee](http://www.canyons.edu/cwee). Maximum 8 units per term and 16 total units.

73384 - S. Wright STCN-123

73385 - S. Wright STCN-123

02/22/10-06/03/10

■ **COOPERATIVE WORK EXPERIENCE** ■

**CWE 188 OCC COOPERATIVE WORK EXPERIENCE EDUCATION OCCUPATIONAL**

Units: 1.00-4.00 - CSU

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid and must be related to the students' educational or occupational goal. For more information about earning elective units for ongoing work experience or applying for an internship, visit [www.canyons.edu/cwee](http://www.canyons.edu/cwee). Maximum 6 total units.

74089 - S. Wright STCN-123

74090 - S. Wright STCN-123

02/22/10-06/03/10

**CWE 189 GNRL COOPERATIVE WORK EXPERIENCE EDUCATION GENERAL**

Units: 1.00-3.00 - CSU

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid and need not be related to the students' educational goals. For more information about earning elective units for ongoing work experience or applying for an internship, visit [www.canyons.edu/cwee](http://www.canyons.edu/cwee). Students are limited to a maximum of 6 total units of CWE 189.

74086 - S. Wright STCN-123

74088 - S. Wright STCN-123

02/22/10-06/03/10