

CIT 174 WEB PROTOTYPING AND IMAGES

Units: 3.00 - CSU, May Be Taken Once for Credit
 Recommended Preparation: CIT-074, CIT-105, CIT-170
 Provides hands-on training and application of theoretical concepts related to creating imagery for Web delivery with image editing software.

83420 06:00PM-08:25PM TTH A. Strozer HSLH-305

CIT 175 WEB DEVELOPMENT SOFTWARE: FLASH

Units: 3.00 - CSU, May Be Taken Once for Credit
 Covers implementation of Web-based animation and interactive content using Macromedia Flash and examples of Action Script. Proficiency with Windows and basic HTML is assumed.

83422 - A. Strozer -

ONLINE CLASS. For class information, see www.canyons.edu/distancelearning.

CMPNET 153 WIRELESS LANS

Units: 3.50 - CSU, May Be Taken Once for Credit
 An introduction to wireless LANs focusing on the design, planning, implementation, operation and troubleshooting of wireless LANs. Covers a comprehensive overview of technologies, security, and design best practices. Prepares the student for the Cisco WLANFE Certification exam.

82835 05:00PM-07:15PM TTH P. Coon TWSH-112

CMPNET 166 MCITP PREP 1

Units: 7.00 - CSU, May Be Taken Once for Credit
 First of two courses designed to prepare students for pursuing a Microsoft MCITP certification. This course covers the tests for the server administrator.

82836 05:00PM-09:35PM MW Hilliard, P TWSH-109

CMPNET 167 MCITP PREP 2

Units: 7.00 - CSU, May Be Taken Once for Credit
 Prerequisite: CMPNET-166
 Second of two courses designed to prepare students for pursuing a Microsoft MCITP certification. This course covers the tests for the enterprise administrator.

82837 05:00PM-09:35PM TTH T. Olsen TWSH-109

CMPNET 253 CCNP: PREPARATION FOR BCMSN

Units: 3.50 - CSU, May Be Taken Once for Credit
Prerequisite: CMPNET-152, CMPNET-157 or Possession of a valid Cisco CCNA certificate
 Part of a four-course series preparing the student for Cisco CCNP certification. Some topics include LAN switching, network design, LAN media types, VLAN identification, and spanning tree protocol.

82838 07:30PM-09:45PM TTH P. Hilliard TWSH-112

CMPNET 273 CCSP-3: PREPARATION FOR IPA & HIPS

Units: 3.50 - CSU, May Be Taken Once for Credit
Prerequisite: CMPNET-272
 The third course in the Cisco Certified Security Professional industry certification. Equipment used includes Cisco routers, PIX firewalls, and adaptive security appliances. Prepares the student for the IPS & HIPS certification exams.

82840 07:30PM-09:45PM TTH P. Hilliard TWSH-112

■ **COMPUTER NETWORKING** ■

CMPNET 131 VOICE AND DATA CABLING

Units: 4.00 - CSU, May Be Taken Once for Credit
 Develops skills in reading network design documentation, determining and purchasing cabling equipment, pulling and mounting cable, managing cable, selecting wiring closets, terminating cable at patch panels, installing jacks, and testing cable. Prepares the student for the BICSI Level 1 Installer Exam.

82830 05:00PM-09:05PM MW Hilliard, P TWSH-112

CMPNET 132 A+ CERTIFICATION

Units: 4.00 - CSU, May Be Taken Once for Credit
 Provides instruction in computer repair and upgrade and prepares students to take the Computing Technology Industry Association (CompTIA) A+ certification.

82831 05:00PM-09:05PM TTH Bolanos, S TWSH-108

CMPNET 151 CCNA PREP 1

Units: 7.00 - CSU, May Be Taken Once for Credit
 Design configuration and maintenance of LANs, including cabling, routing, IP addressing, Cisco supported network technologies and network troubleshooting skills, and preparation for CCNA and Network+ certification.

82832 05:00PM-09:35PM MW P. Coon TWSH-108

82833 07:30AM-05:00PM S P. Coon TWSH-108

HYBRID CLASS. On campus meetings (8:30 am - 5:00 pm) on Saturdays, 8/27, 9/10, 10/1, 10/22, 11/19, and 12/10.



CWE 188CPNT COOPERATIVE WORK EXPERIENCE EDUCATION COMPUTER NETWORKING

Units: 1.00-4.00 - CSU, Unlimited Repeats
 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. Maximum 8 units per term and 16 total units.

83824	-	S. Wright	STCN-123
83825	-	S. Wright	STCN-123
09/06/11-12/10/11			

■ **COMPUTER SCIENCE** ■

CMPSCI 111 INTRODUCTION TO ALGORITHMS AND PROGRAMMING/JAVA

Units: 3.00 - UC:CSU, May Be Taken Once for Credit
Co-requisite: CMPSCI-111L
 Introduces computer programming using Java, including algorithms, data and control structures, problem solving, structured and object oriented programming.

83477	08:00AM-09:20AM	TTH	C. Ferguson	HSLH-133
83478	06:00PM-09:05PM	W	C. Ferguson	HSLH-133

CMPSCI 111L INTRODUCTION TO ALGORITHMS AND PROGRAMMING LAB

Units: 1.00 - UC:CSU, May Be Taken Once for Credit
Co-requisite: CMPSCI-111
 A required laboratory course to support CMPSCI-111.

83485	09:30AM-10:50AM	TTH	C. Ferguson	HSLH-133
83556	06:45PM-09:50PM	TH	B. Riveira	HSLH-133

CMPSCI 132 INTRODUCTION TO PROGRAMMING

Units: 3.00 - UC:CSU, May Be Taken Once for Credit
 Introduction to programming using Visual Basic. Designed for students with little or no experience in computer programming.

83479	09:30AM-10:50AM	MW	D. Forbes	HSLH-133
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CMPSCI 190 WEB PROGRAMMING: JAVASCRIPT

Units: 3.00 - CSU, May Be Taken Once for Credit
 Focuses on the use of scripting to extend Web design skills. Experience creating Web pages with HTML is strongly suggested prior to taking this course.

83896	-	C. Ferguson	-
08/22/11-10/15/11			
ONLINE CLASS. For class information, see www.canyons.edu/distancelearning .			

CMPSCI 222 COMPUTER ORGANIZATION

Units: 3.00 - CSU, May Be Taken Once for Credit
 Introduces advanced computer architecture.

83481	12:30PM-01:50PM	TTH	D. Forbes	HSLH-133
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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.

83482	11:00AM-12:20PM	MW	D. Forbes	HSLH-133
83483	02:00PM-03:20PM	TTH	D. Forbes	HSLH-133

CMPSCI 282 ADVANCED DATA STRUCTURES

Units: 3.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: CMPSCI-111
 Explores the foundations of database design with in-depth coverage of data structures. Using the Java programming language, covers effective storage of data in disk-based files.

83484	11:00AM-12:20PM	TTH	C. Ferguson	HSLH-133
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■ **CONSTRUCTION** ■

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.

82848	06:00PM-09:05PM	MW	Staff	HSLH-302
08/22/11-10/15/11				

CONST 106 CONSTRUCTION LAW SURVEY

Units: 3.00 - Not transferable , May Be Taken Once for Credit
 Introduces the legal aspects of the construction industry.

82850	06:00PM-09:05PM	MW	J. Irwin	HSLH-302
10/17/11-12/07/11				

CONST 109 CALIFORNIA BUILDING CODE

Units: 3.00 - CSU, May Be Taken Once for Credit
Recommended Preparation: CONST-108
 Focuses on California building code requirements for residential and non-residential construction as they pertain to the building inspection process.

82852	06:00PM-09:05PM	TTH	J. Paxton	HSLH-232
08/22/11-10/15/11				