

COMPUTER AND INFORMATION SYSTEMS

Reception for new and continuing Computer and Information Systems (CNSA, CSS) majors: Monday, August 24, 2009, 6:30-7:30PM Room 2502. Meet the faculty and discover more about the Computer and Information Systems programs.

Interested in any of the following: Computer Networking and System Administration, Computer Support, Cisco (CCNA and CCNP), Linux/UNIX, Microsoft, Security, or Wireless?

Go to <http://www.cabrillo.edu/programs> and select Computer and Information Systems, and select Computer Networking and System Administration for more information.

Interested in becoming a Computer Support Specialist?

- Go to <http://www.cabrillo.edu/programs> and select Computer and Information Systems, and select Computer Support Specialist for more information.
- CS 1 and CS 1L are college-level introductory courses providing a foundation for subsequent college-level coursework. We encourage all students to enroll in these courses.
- Cabrillo College is fully accredited. Certificates and degrees are available. Computer Networking and System Administration provides a transfer option to the California State University Monterey Bay.

CIS 81 Networking Fundamentals and Theory (Cisco CCNA 1)

Presents networking protocols, standards, concepts, and terminology including Ethernet, ARP, ICMP, IP addressing, subnetting, switches, hubs, routers, TCP, UDP, OSI Model and other standards and protocols. Prerequisites: CIS 172 or concurrent enrollment, or familiarity with using a command line interface such as Unix/Linux or DOS, file management, a general understanding of the function of operating systems and familiarity with using the Windows operating system. MATH 254 or equivalent knowledge.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
63042	T	12:00PM-04:05PM	4.00	R.Graziani	2502
&	Arr.	Arr.		B.Durland	1400
+ 5 hr 10 min open lab per week. Students will be required to show that they meet the course prerequisites.					
63041	M	05:30PM-09:35PM	4.00	R.Graziani	2501
&	Arr.	Arr.		B.Durland	1400
+ 5 hr 10 min open lab per week. Students will be required to show that they meet the course prerequisites.					

CIS 83 Switched Networks and WANs (Cisco CCNA 3 & 4)

Presents intermediate features of switching and WANs including VLANs, VTP, Inter-VLAN routing, STP, Frame Relay, HDLC, PPP, and ACLs. Prerequisite: CIS 81.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
63043	M	05:30PM-09:35PM	4.00	G.Brady	2502
&	Arr.	Arr.		G.Brady	2504
+ 5 hr 10 min open lab per week. Students will be required to show that they meet the course prerequisites.					

CIS 90 Introduction to UNIX/Linux

Provides a technical overview of the UNIX/Linux operating system, including hands-on experience with commands, files, and tools. Recommended Preparation: CS 1L or CIS 172.

Transfer Credit: CSU.

Section	Days	Times	Units	Instructor	Room
63044	W	06:00PM-09:05PM	3.00	J.Griffin	2502
&	Arr.	Arr.		B.Durland	1400
+ 3 hr 5 min open lab per week.					

CIS 132 Introduction to Internet Programming

Presents an introduction to Internet-related programming using client-side scripting languages like JavaScript and server-side scripting languages like PHP. Recommended Preparation: MATH 154 and DM 160.

Section	Days	Times	Units	Instructor	Room
63029	Arr.	Arr.	4.00	E.Parrish	OL
Section 63029 is an ONLINE course. Required orientation: Monday 8/31, 6:00PM-9:05PM in Room 516. Required final exam 12/14, 7:00PM-10:05PM, Room 516. For details, see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses."					
63028	M	06:00PM-08:05PM	4.00	E.Parrish	516
&	M	08:15PM-09:05PM		E.Parrish	516
&	Arr.	Arr.		E.Parrish	OL
&	Arr.	Arr.		B.Durland	1400
+ 1 hr ONLINE lecture. + 5 hr 5 min open lab per week.					

Cabrillo College *Schedule of Classes* – Fall, 2009

CIS 160CL Cisco Open Lab

Provides access to the Cisco Lab through self-paced, individualized instruction, for students not currently enrolled in a Cabrillo Cisco CCNA or CCNP class. Repeatability: May be taken 4 times. Pass/No Pass grading only.

Section	Days	Times	Units	Instructor	Room
64431	Arr.	Arr.	1.00	G.Brady	2504

+ 3 hrs 5 min open lab per week.

CIS 170 Introduction to Computer Hardware and Software

Covers installing, maintaining, and upgrading PC-type (Intel and Intel compatible) microcomputer systems. Prerequisite: CS 1 or equivalent.

Section	Days	Times	Units	Instructor	Room
63033	TH	05:30PM-09:35PM	4.00	M.Nogueira	2502
&	Arr.	Arr.		M.Nogueira	2504

+ 2 hr 5 min open lab per week.

CIS 172 Introduction to Operating Systems

Provides an overview of computer operating systems such as Unix/Linux, Microsoft Windows Operating Systems, and DOS. Recommended Preparation: CS 1 and CS 1L, or equivalent.

Section	Days	Times	Units	Instructor	Room
63034	T	09:00AM-01:05PM	4.00	G.Brady	2501
&	Arr.	Arr.		G.Brady	2504

+ 2 hr 5 min open lab per week.

CIS 175 Fundamentals of Computer Security

Introduces the threats and vulnerabilities of computer systems, and helps prepare for security-related industry certifications such as CompTIA Security+. Prerequisite: CIS 172 or equivalent knowledge.

Section	Days	Times	Units	Instructor	Room
64561	TH	05:30PM-08:35PM	3.00	G.Rollinson	2501
&	Arr.	Arr.		G.Rollinson	2504

+ 2 hr 5 min open lab per week.

CIS 185 Advanced Routing (Cisco CCNP 1) ☞

Provides information on scalable technologies for building large and growing internetworks, including scalable routing protocols such as OSPF, EIGRP, IS-IS, and BGP, using VLSM, CIDR, and route optimization. Prerequisite: CIS 82 or or equivalent knowledge. Repeatability: May be taken 4 times.

Section	Days	Times	Units	Instructor	Room
63037	Arr.	Arr.	4.00	R.Graziani	OL

Section 63037 is an ONLINE course. Required orientation: 9/1, 5:30PM-9:35PM in Room 2502 OR by arrangement. To arrange an orientation, e-mail the instructor, graziani@cabrillo.edu. Students will be required to show that they meet the course prerequisites. For details, see instructor's web page at www.cabrillo.edu/services/disted/ "Distance Courses."

63036	T	05:30PM-09:35PM	4.00	R.Graziani	2502
&	Arr.	Arr.		R.Graziani	2504

+ 4 hr 5 min open lab per week.

CIS 191A UNIX/Linux Installation & Configuration

Teaches the installation and configuration of the Linux operating system on a personal computer for use as a workstation or server. Prerequisite: CIS 90 or equivalent.

Section	Days	Times	Units	Instructor	Room
63038	T	05:30PM-09:35PM	2.00	J.Griffin	2501
&	Arr.	Arr.		J.Griffin	2504

Meets 8 weeks 9/1-10/20. + 4 hr 15 min open lab per day.

CIS 191B UNIX/Linux System Administration

Teaches the administration, monitoring, and troubleshooting of a running Linux system in a small-to-medium sized business environment. Prerequisite: CIS 90 or equivalent. Recommended Preparation: CIS 191A.

Section	Days	Times	Units	Instructor	Room
63039	T	05:30PM-09:35PM	2.00	J.Griffin	2501
&	Arr.	Arr.		J.Griffin	2504

Meets 8 weeks 10/27-12/15. + 4 hr 15 min open lab per day.

CIS 195 Microsoft Windows Server Administration (Semester 1)

Install, configure, and administer Microsoft Windows server operation systems. Recommended Preparation: CIS 172 and CIS 194 (may be taken concurrently).

Section	Days	Times	Units	Instructor	Room
63040	W	05:30PM-09:35PM	4.00	G.Rollinson	2501
&	Arr.	Arr.		G.Rollinson	2504

+ 4 hr 5 min open lab per week.