

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

x Transfer Course x A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: CSIS 266 – Implementing and Administering Web Servers

UNIT VALUE: 2.5

MINIMUM NUMBER OF SEMESTER HOURS: 56

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: CSIS 163

SCOPE OF COURSE:

Explore issues dealing with building and managing a web Server. Topics will include web server and network issues, TCP/IP connectivity, server setup, web site administration, security, Internet commerce, and the function of the Webmaster.

SPECIFIC COURSE OBJECTIVES: The successful student will be able to:

1. Manage IP addressing and system configuration.
2. Configure slip and PPP connectivity.
3. Utilize DNS for Website administration.
4. Build and manage an HTTP server.
5. Build and manage an E-Mail server.
6. Build and manage a Telnet server.
7. Provide security for a web server.
8. Provide Internet commerce on a web site.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Web Server Configuration
- II. Internet Commerce
- III. TCP/IP Connectivity
- IV. Server Set-up
- V. Web Site Administration
- VI. Security

REQUIRED READING:

Hawkins, Scott. *Apache Web Server Administration and e-Commerce Handbook*, 1st Ed.
New Jersey: Prentice Hall PTR, 2000
ISBN: 0130898732

AND

Gross, Christian, et.al. *Professional NT Internet Information Server 2 Administration*, 1st Ed.
Birmingham, UK: Wrox Press Inc, 2000
ISBN: 1861000480

SUGGESTED READING: None

REQUIRED WRITING: None

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Outside assignments will include completion of lab work, assigned readings from the text books, and homework problems.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

70-100% Programming assignments
0-30% Examinations

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ___ No x Number of times course may be taken for credit: ___

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable: 58161 (C) (2) (A)

CONTACT PERSON: Steve Perry x2219

SIGNATURES:

By signing this form, I certify that this course outline of record meets all the minimum requirements for associate degree credit courses as specified in Title 5 Section 55002.

SIGNATURES ON FILE

*I certify that this course meets all the minimum requirements for A.A. degree applicable courses.

Course outlines of record should be reviewed regularly and revised as necessary.

NOTE: Some revisions to course outlines of record require Curriculum Committee approval, others may not. Please consult your dean or the Instruction Office if you need assistance.