

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 191 PHP with MySQL

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 64

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: CSIS 137

SCOPE OF COURSE:

This course provides students with the knowledge and skills necessary to use the PHP scripting language to develop dynamic Web-based applications. Topics of study include the fundamentals of the scripting, using PHP with HTML forms, creating functions, and integrating with databases using MySQL.

SPECIFIC COURSE OBJECTIVES:

The successful student will be able to:

1. Understand the fundamentals of the PHP scripting language
2. Write syntactically and semantically correct PHP programs
3. Utilize PHP to write dynamic Web applications
4. Understand how to integrate database information into a Web page

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Variables
- II. HTML Forms and PHP
- III. Data Types
- IV. Control Structures
- V. Using Arrays
- VI. Regular Expressions
- VII. Creating Functions
- VIII. Files and Directories
- IX. Using Databases
- X. Cookies
- XI. Debugging PHP

REQUIRED READING:

Lea, Chris, et.al, *Beginning PHP4*, 1st Ed. Birmingham, UK: Wrox Press Inc, 2000

SUGGESTED READING: None

REQUIRED WRITING: Student will write PHP programs

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 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:

CONTACT PERSON: Steve Perry x2219

SIGNATURES ON FILE