

CSCI 1101 - VIEW COURSE PROPOSAL

Approvals Received: Department on 02-25-08 by Carol Ford (fordcj@umn.edu)

Approvals Pending: Curriculum Committee > Campus Assembly > Catalog > PeopleSoft Manual Entry

Effective Status: Active

Effective Term:
New: 1089 - Fall 2008
Old: 1059 - Fall 2005

Course: CSCI 1101

Institution: UMNMO - Morris

Career: UGRD

College: MDSM - Division of Science and Mathematics

Department: 242 - UMM-Sci & Math, Div of-Adm

General

Course Title Short: Dynamic Web Programming

Course Title Long: Dynamic Web Programming

Max-Min Credits for Course: 2.0 to 2.0 credit(s)

Catalog Description:
New: Basics of dynamic web design; programming and problem-solving using web languages, such as PHP and HTML, and languages for data storage and manipulation, such as SQL and XML; introduction to client/server model; aspects of online privacy and security. Hands-on experience with creating and maintaining interactive web pages.
Old: Basics of dynamic web design; programming and problem-solving using web languages, such as PHP and HTML, and languages for data storage and manipulation, such as SQL and XML; introduction to client/server model; aspects of online privacy and security. Hands-on experience with creating and maintaining interactive web pages. No previous programming knowledge or experience required.

Additional Course Information (for catalog production): no elective cr for CSci majors or minors

Grading Basis: Stdnt Opt

Honors Course: No

Delivery Mode(s): Classroom

Years most frequently offered: Other frequency

Term(s) most frequently offered: Fall, Spring

Component 1: LEC (with final exam)

Auto-Enroll: No

Course:

Graded Component: LEC

Academic Progress Units: Not allowed to bypass limits.
2.0 credit(s)

Financial Aid Progress Units: Not allowed to bypass limits.
2.0 credit(s)

Repetition of Course: Repetition not allowed.

Course Prerequisites for Catalog: **New:** 1001 or equiv experience with #
Old: <no text provided>

Course Equivalency: No course equivalencies

Consent Requirement: No required consent

Enforced Prerequisites: No prerequisites
(course-based or non-course-based)

Editor Comments: **New:** 02.27.08 - Edited for Psoft. jlm
Old: <no text provided>

Proposal Changes: <no text provided>

History Information: Remove 'offered when feasible' from Additional Course Information. Notation will be populated by 'Other' Years most frequently offered. 05.01.07 jlm

Assessment and Goals: Goals: Enhance students' understanding of algorithms, data management, presentation and Internet technologies. Give students experience with PHP, HTML, SQL and XML. Develop problem-solving skills using programming as a tool. Provide background for understanding and mastering other programming languages and related technologies.

Assessment: Understanding of client/server model fundamentals and key programming concepts assessed through problem sets and tests. Ability to apply knowledge of dynamic web programming assessed through individual problem sets and group projects.

Rationale for Changes or Exceptions: STUDENTS, ESPECIALLY NON-MAJORS, NEED THE OPPORTUNITY TO UNDERSTAND AND USE THE CURRENT TECHNOLOGY OF DYNAMIC WEB PAGES. STUDENTS WHO LEARN THESE TECHNOLOGIES BECOME MORE OPEN TO USING WEB-BASED TOOLS IN OTHER COURSES AND EXTRA-CURRICULAR PROJECTS. THIS COURSE HELPS SATISFY THE INCREASING CAMPUS DEMAND FOR STUDENTS WHO CAN CREATE AND MAINTAIN DYNAMIC WEB PRESENCES.

General Education

Faculty Sponsor Name: Elena Machkasova

Requirement this course fulfills: M/SR - M/SR Mathematical/Symbolic Reasoning

**Provisional
Approval:**

Not Requested

**Regular
Approval:**

New: Requested on Feb 8, 2008

Old: Received on May 1, 2007