

Cameron School of Business

University of North Carolina Wilmington
PROPOSAL FOR UNDERGRADUATE CURRICULUM CHANGE

Department or Academic Unit: Information Systems and Operations Management

Type of Proposal: Check all that apply and answer the questions below.

New Course (attach syllabus) Deletion of Course Degree Requirement Trial Course

Course Change (Check all that apply):

Prefix/Number Title Description Credit Hours Contact Hours

Pre/Corequisite Restrictive Statement Crosslist Uncrosslist

Other:

To become effective: Semester: Fall Year: 2009 To be offered: Fall Spring Summer

on Request Alternate Years

Current course prefix, number and title:

New course prefix, number and title: CIT 410 - Web Development: Server-side

Abbreviated course title (30 spaces maximum): Web Dev Server-side

Type of course: Lecture Seminar Lab Practicum Internship Other

Credit hours: 3 Credit hour change: From: To: Contact hours: 3 Contact hour change: From: To:

Restrictions (If repeatable the number of hours this course may be taken for credit, open only to students within the major, etc.):

Crosslisted with (course prefix and number): Uncrosslist with (course prefix and number)

(To crosslist/uncrosslist courses, a curriculum change form submitted by both departments is required.)

- Yes No Is this course a renumbering (it replaces an existing course)? If yes, which course?
- Yes No And should the existing course be deleted? (If yes, a separate curriculum change form requesting this deletion is required.)
- Yes No Is this course currently approved for basic studies?
- Yes No Will it be submitted for basic studies approval?
- Yes No Is this course currently approved for oral competency?
- Yes No Will it be submitted for oral competency approval?
- Yes No Is this course currently approved for computer competency?
- Yes No Will it be submitted for computer competency approval?
- Yes No Is it required for a major/minor/option in your department? (If yes, please provide in the degree requirement section below the necessary change for degree requirements description in catalogue.)
- Yes No Is it an elective for a major/minor/option in your department? (If yes, please provide in the degree requirement section below the necessary change for degree requirements description in catalogue.)

Degree requirement as it would appear in the catalogue (Include change to: total hours, new required courses, insertion and deletion of required courses, text, etc.) If additional space is required, prepare on a separate page using the format of the current catalogue and attach to this form.

This course is part of a new degree program in Information Technology. Attached is the Request to Establish a new degree program document that contains all of the degree requirements.

- Yes No Is it a collateral requirement or elective for a major/minor/option for another department? (If yes, attach documentation listing the departments/programs affected and verifying that the departments were consulted.)
- Yes No Are present staff and resources adequate to support this proposal? (If no, explain in the justification section how they will be provided.)

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Course description change as it would appear in the catalogue (Course description change: 50 words or less; include prefix, number, title, credit hours, crosslisting, pre/corequisites, etc.)

CIT 410. Web Development: Server-side (3) Prerequisite: CIT 310. Emphasis on the creation of interactive web sites using a server-side scripting language such as ASP.Net, JSP, or Perl. Topics include the core features of the server-side scripting languages, database-driven web applications, and web service specification and implementation.

Justification for request or degree change:

This course is part of a new degree program in Information Technology. Attached is the Request to Establish a new degree program document.

Yes No Does this proposal require University Curriculum Committee (UCC) or Faculty Senate approval (refer to <http://www.uncw.edu/faesen/ucc/>)? (If yes, after college/school curriculum committee approval, forward proposal to the UCC and complete and submit the appropriate UCC form(s). If approved, this proposal must be signed by the UCC Chair and Faculty Senate President and forwarded to the Provost.)

Recommended and approved by:

Cem Canal 9-22-08
Department Chairperson Date

Chair, College or School Curriculum Committee Date

Teacher Education Council (WSE use only) Date

Dean of the College or School Date

*Chair, University Curriculum Committee Date

*President, Faculty Senate Date

Provost Date

*Obtain signatures of the UCC Chair and the Faculty Senate President only if required for this proposal.

Forms not filled out completely or lacking documentation will be returned.

Web Development: Server-side CIT 410

Course Information

Class Time and Location:
Instructor:
Office:
Office Hours:
Phone:
Email:

Course Description

This course emphasizes the creation of interactive web sites using a server-sided scripting language such as ASP.Net, JSP, or Perl. Topics include core features of the server-side scripting language, control structures, functions, arrays, form validations, regular expressions, environmental variables, and database-driven web applications. Database systems such as Microsoft Access, Microsoft SQL Server, and MySQL will be used to introduce students to concepts in web-database interaction via HTML, ODBC/JDBC, XML, SOAP, and web services. N-tier and service-oriented architectures will be emphasized.

Prerequisites

CIT 310

Textbook and Materials Required

Core Web Programming, by Marty Hall and Larry Brown, 2nd Edition, Prentice-Hall.
ASP.NET 20 Web Programming with VB 2005, Boehm & Lowe, Murach Publishing, 2006.

Handouts

Additional handouts will be used in this class throughout the semester. Check the course website for these documents.

Withdrawal Policy

Check the registrar's website to determine the Add / Drop date for this semester. Students who simply stop attending classes without officially withdrawing usually are assigned failing grades. Students wishing to withdraw after the scheduled change period (add/drop) must obtain and complete a withdrawal form from the Registrar's Office.

Lab/Project Requirements

All students in this course will be required to complete 6 laboratory projects. Additional details will be given out in class.

Disabilities

If you have a disability and need reasonable accommodation in this course, you

should inform me of this fact in writing within the first week of class or as soon as possible. If you have not already done so, you must register with the Office of Disability Services in Westside Hall (extension 3746) and obtain a copy of your Accommodation Letter. You should then meet with me to make mutually agreeable arrangements based on the recommendations of the Accommodation Letter.

Grading and Grading Policy

The distribution of the grades will be as follows.

Exams	50%
Lab/Projects:	40%
Class participation and discussions	10%

The grading will be based on the following grading scheme (note +'s and -'s are NOT given in this course).

<i>Range</i>	<i>Grade</i>
90 - 100	A
80 - 89	B
70 - 79	C
< 70	F

The instructor retains the right to subjectively adjust an individual student's grade in appropriate cases, based upon observed performance.

All turned-in assignments will be neatly typed (word-processed) and printed with letter-quality type. Specific examples will be provided in class. Students failing to present the information completely, neatly and in the prescribed format will receive minimal credit for their work. Students should double check for spelling and grammar before submitting assignments.

Learning Outcomes

Core learning outcomes:

1. Describe the client-server database architecture.
 2. Describe an n-tier database architecture.
 3. Explain the role of ODBC, JDBC and XML in the implementation of an n-tier database architecture.
 4. Describe the concept of web services and the role of SOAP.
 5. Use XML in the implementation of an n-tier database architecture.
 6. Connect a number of different database and/or other applications using web services.
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Academic Dishonesty Offenses

"Violation of any of the following standards subjects any student to disciplinary action:

A. PLAGIARISM

Plagiarism means the appropriation, buying, receiving as a gift, or obtaining by any means another person's work and the unacknowledged submission or incorporation of it in one's own work. It is doubly unethical, since it deprives the true author of his/her rightful credit and then gives that credit to someone to whom it is not due. The following three examples of plagiarism are described by Harold C. Martin and Richard M. Ohmann in their book *The Logic and Rhetoric of Exposition* (1963):

1. **Word-for-Word copying.** Whenever someone else is directly quoted, honesty and courtesy require acknowledgment of the source. The quoted material should be placed in quotation marks and its exact location should be indicated, either in the text of the student's paper or in a footnote.
2. **The mosaic.** To intersperse a few words of one's own here and there while basically copying the work of another is obviously unethical, unless one clearly acknowledges that this is being done. Should there be a valid reason for doing so then quotation marks or a general footnote should be used to show what belongs to the source and what one's own contribution is.
3. **The paraphrase.** Once more the crucial point is acknowledgment. Sometimes one can paraphrase in order to simplify, abbreviate, or improve upon an original, but the reader deserves to know what is being presented to him and whose work it represents. Therefore, acknowledgment of the source is required within the text of the student's paper or by footnote.

B. BRIBERY

The offering, giving, receiving or soliciting of any consideration in order to obtain a grade or other treatment not otherwise earned by the student through his/her own academic performance.

C. CHEATING

1. Any conduct during a program, course, quiz or examination which involves the unauthorized use of written or oral information, or information obtained by any other means of communication.
 2. The unauthorized buying, selling, trading or theft of any examination, quiz, term paper or project.
 3. The unauthorized use of any electronic or mechanical device during any program, course, quiz, or examination or in connection with laboratory reports or other materials related to academic performance.
 4. The unauthorized use of laboratory reports, term reports, theses, or written materials in whole or in part.
 5. The unauthorized assistance or collaboration on any test, assignment, or project.
 6. The unauthorized use by a student of another student's work or the falsification of any other student's work.
 7. Participating in, or permitting any of the above activities as defined in C 1-6."
- (UNCW Academic Honor Code)
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