

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 411 - Information Systems Analysis

Abbreviated course title (30 spaces maximum): Info Sys Analysis

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 411. Information Systems Analysis (3) Prerequisite: MIS 315. An introduction to processes and methods used for identifying and documenting information requirements and developing system specifications. Topics include the systems development life cycle, analysis tools such as flowcharts and data flow diagrams, and techniques for effective written communication. Case studies are used

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/facsen/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.

# INFORMATION SYSTEM ANALYSIS CIT 411

## Syllabus

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### Course Information

**Instructor:** Dr. Bryan Reinicke  
**Office:** CI 2022  
**Office Hours:**  
**Phone:** 962-7533 (office)  
**Email:** reinickeb@uncw.edu  
**Time:**

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### Course Description

The general aim of this course is to examine the analysis and design of systems in business for routine business operations, management reporting, and decision support at various levels within the organization. The course will introduce some basic concepts, methodologies, techniques and tools that are commonly applied in this field. Upon successful completion of this course, students are expected to:

- Understand various elements of information systems development
- Have mastered the skills to be a competent system analyst
- Determine information system requirements, modeling and structure them
- Design an information system solution to satisfy user requirements
- Be able to develop and implement information systems
- Adapt these principles to modern system development environments
- Use information system modeling and development tools

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### Textbook and Materials

**Required textbook**  
***Modern Systems Analysis and Design***  
By Hoffer, George, and Valacich.  
Fifth Edition. Prentice-Hall.

JumpDrive (Memory Stick) will be helpful in this course.

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### Using Entropy

You can access Entropy from <http://csbapp.csb.uncw.edu/entropy>. Your logon will be your 85#. If you already have an Entropy Account, you will be able to log in using your e-mail address the first time. After logging in, you will be prompted for your 85#.

All class information will be posted on the course website. All assignments should be submitted via Entropy. It is therefore essential that you are familiar with Entropy. It is also YOUR responsibility to make sure that you can access your Entropy account.

If you are using your home Internet connection to access E-mail or the World Wide Web, you may have trouble getting connected for various reasons. Make sure that you give yourself enough lead-time to complete assignments. Because you will almost always have access to these systems on campus, busy modems or other technical problems are not accepted as excuses for late assignments.

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### Handouts

Check the course website and Entropy often. You are responsible for the class material irrespective of attendance. The course website can be accessed via the Faculty directory for the Cameron School of Business.

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### Homework and Projects

The group project will account for 50% of the final grade. This project will involve the teams working with a local client (business, non profit or campus agency) to design a system that meets a current need. The designs from this class will be implemented in MIS 413 – so be careful! Group dynamics are the responsibility of the members of the group. The group will be assigned one grade for the project. Details on the term project will be discussed during the second week of the class.

All Assignments (soft copy) are to be submitted via Entropy **before** the class on the due date. For the group project, the submissions need to have your team's number and project number as the file name. For example, Assignment 1 files for Team 1 (Team1\_Assign1.doc). Each team only needs to submit each assignment ONCE – each team member does not have to submit each team assignment!

For individual work, the file should have your name and the assignment number as the document name (Jane Doe Assign1.doc). Make sure that your name appears in the text of the document as well as the file name!

Please note that **late work is not acceptable** except in the case of legal or medical emergency. In these cases, late work will be accepted without penalty.

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### Quizzes

Quizzes will be given over the course of the semester to monitor students' understanding. The questions in the quizzes will be clearly taken from course lectures and corresponding material covered in the book. There will be **5 quizzes** given over the course of the semester.

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**Grading Policy** The distribution of the grades will be as follows.

Projects	50%
Quizzes	25%
Assignments	25%

The grading will be based on the following grading scheme.

93-100	A	73-76	C
90-92	A-	70-72	C-
87-89	B+	67-69	D+
83-86	B	63-66	D
80-82	B-	60-62	D-
77-79	C+	Below 60	F

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**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.

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**Academic Dishonesty Offenses**

The first instance of academic dishonesty will result in a zero for that assignment/exam/quiz and will ALSO result in the loss of a full letter grade in the class. The second instance of cheating will result in the grade of an F for the class.

“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

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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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**Additional  
Notes**

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### *Tentative Schedule*

<b>Week</b>	<b>Day</b>	<b>Date</b>	<b>Topic</b>	<b>Reading</b>	<b>Critical Date</b>
1	Wed	20-Aug	Syllabus & Course Overview		
2	Mon	25-Aug	Chapter 1 - The Systems Development Environment	Chapter 1	
	Wed	27-Aug	Chapter 1 + Chapter 2 - The Origins of Software	Chapter 1 - Chapter 2	
3	Mon	1-Sep	<b>Labor Day</b>		<b>No Class</b>
	Wed	3-Sep	Chapter 6 - Determining System Requirements	Chapter 6	<b>Quiz 1</b>
4	Mon	8-Sep	Cont'd	Article	
	Wed	10-Sep	Chapter 7 - Structuring System Process Requirements	Chapter 7	
5	Mon	15-Sep	Cont'd		
	Wed	17-Sep	Cont'd	Article	<b>Quiz 2</b>
6	Mon	22-Sep	Visio	Lab	
	Wed	24-Sep	Chapter 8 - Structuring Logic Requirements	Chapter 8	
7	Mon	29-Sep	Cont'd	Chapter 8	
	Wed	1-Oct	Cont'd	Chapter 8	
8	Mon	6-Oct	<b>Fall Break</b>		<b>No Class</b>
	Wed	8-Oct	Chapter 9 - Data Requirements	Chapter 9	<b>Quiz 3</b>
9	Mon	13-Oct	Cont'd	Chapter 9	

	<i>Wed</i>	15- <i>Oct</i>	Chapter 3 - Managing IS projects	Chapter 3	
10	<i>Mon</i>	20- <i>Oct</i>	Cont'd		
	<i>Wed</i>	22- <i>Oct</i>	Microsoft Project	Lab	
11	<i>Mon</i>	27- <i>Oct</i>	Chapter 4 - Identifying and Selecting Projects	Chapter 4 + Article	
	<i>Wed</i>	29- <i>Oct</i>	Cont'd	Chapter 4	
12	<i>Mon</i>	3- <i>Nov</i>	Chapter 5 - Initiation and Planning of Projects	Chapter 5	Quiz 4
	<i>Wed</i>	5- <i>Nov</i>	Cont'd	Chapter 5	
13	<i>Mon</i>	10- <i>Nov</i>	Group Work Day		
	<i>Wed</i>	12- <i>Nov</i>	Chapter 15 - System Implementation	Chapter 15	Quiz 5
14	<i>Mon</i>	17- <i>Nov</i>	Cont'd	Chapter 15	
	<i>Wed</i>	19- <i>Nov</i>	Career Day	Attend Sessions	No Class
15	<i>Mon</i>	24- <i>Nov</i>	Cont'd	Chapter 15	
	<i>Wed</i>	26- <i>Nov</i>	Thanksgiving Break		No Class
16	<i>Mon</i>	1- <i>Dec</i>	Chapter 11 - Forms and Reports	Chapter 11	
	<i>Wed</i>	3- <i>Dec</i>	Chapter 12 - Interfaces and Dialogs	Chapter 12	
17	<i>Mon</i>	6- <i>Dec</i>	Final Exam Week	Final Group project Presentations	Group Project Due