

CINF 5231: Strategic Information Systems

Course: CINF 5231

Room: Delta D140

Semester: Spring 2014

Time: Tu: 1:00pm ~ 3:50pm

Instructor: Wei Wei

Office Hours: Thu 9:30am – 11:30 am

TA: Nagaraju Doddi

Office Hours: Mon 3:00pm ~ 7:00pm

Fri 12:00pm ~ 4:00pm

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Course Objectives and Learning Outcomes:

This course is designed to cover key concepts and principles of the strategic impact of information systems, importance of information systems in the global economy; technological elements of the infrastructure of information systems, business and social factors associated with the success or failure of business organizations. Students will be exposed to Information Technology in managing and operating organizations in practice. This course is offered as seminar-based, students are expected to participate actively in all class activities including interactive lecturing, discussion (either as participants or leaders), lab sessions, and presentations. Case studies will be conducted either in class or as individual assignment to promote the understanding of course content.

Upon successful completing of this course, students will be able to:

- Identify the strategic issues a business may face in terms of its IT infrastructure
- Apply information system planning techniques and methods to organizations
- Address issues in management of essential information technologies
- Analyze organization business processes and compose plans to develop and deliver systems
- Identify areas of potential information security threats and formulate possible solutions
- Describe how to use information technologies to support decision making and business intelligence
- Demonstrate knowledge of data warehousing and abilities in employing business intelligence software for decision making

Course Website:

We will be using Blackboard for our course management purposes. All materials for the course are available on the web via: <https://blackboard.uhcl.edu/webapps/login/>. Students who are officially registered to CINF5231 are added to the course and you have full access to the course contents.

By default, your login to the Blackboard system is your university computer account. **It is your responsibility to access blackboard regularly for any updates.** You are also encouraged to initiate, participate course-related discussion using the communication tools provided by Blackboard.

Course Materials:

1. Required Textbook: Barbara McNurlin, Ralph Sprague, Tung Bui, "Information Systems Management in Practice", 8th edition. Prentice Hall. ISBN-13: 978-0132437158, ISBN-10: 0132437155.
2. Supplementary materials:
 - Case studies, tutorials will be distributed for you to read on BlackBoard throughout the semester
 - Supplementary readings, useful links and other types of sources will be announced or distributed to the class through BlackBoard

General Course Policy:

1. **Academic Honesty Policy:** Please note the guidelines for academic integrity and penalties imposed for violation of these rules. **There is ZERO tolerance to cheating. For anyone who is caught cheating on any assignment and/or exam, a failing grade will be assigned—NO EXCEPTION!**

University of Houston-Clear Lake Honesty Code:

(For more details, see:

[http://prtl.uhcl.edu/portal/page/portal/DOS/Documents and Forms/Academic Honesty Policy.pdf](http://prtl.uhcl.edu/portal/page/portal/DOS/Documents%20and%20Forms/Academic%20Honesty%20Policy.pdf))

Students assume full responsibility for the content and integrity of the academic work they submit. The guiding principle of academic integrity shall be that a student's submitted work, examinations, reports, or projects must be that student's own work, unless clearly following the rules for allowable group work. Students shall be guilty of violating the Code and be subject to proceedings under it if they cheat, fabricate, plagiarize, and represent others work as their own. You are responsible for reading and understanding the University's policy as described in the above Web Site.

If you violate the honesty code, you may subject yourself to loss of credit for the affected assignment or even a failing grade for the entire course.

2. UHCL General Program Requirements:

http://b3308-adm.uhcl.edu/ucl_online_catalog/2012-2013UndergradCatalog/general-program-requirements.htm

3. **Class Attendance Policy:** At graduate level, this course is designed to be seminar-based. The classroom activities include a substantial amount of topic-based discussion, case presentation. Therefore, class attendance is extremely important. You are strongly encouraged to participate in all class activities and your participation will be counted toward the final grade you are getting for the course.

In the course schedule, for each class you will find required readings. You are required to read the material **BEFORE** you come to class.

4. **Attendance is mandatory.** The instructor will take attendance every class. **Every student has 2 "free" absences to deal with issues including sickness, family**

emergencies, and jury duty etc. After that, every absence would result in 3% reduction in overall grade.

- 5. Classroom Conduct:** Do **NOT** use cell phones in classes. **NO** talking or texting on cell phones. All ringers must be turned off. All earphones, headphones, headset or any other accessories of similar nature must be out of sight during class. Do **NOT** use any electronic devices such as mp3 player and tablet during class. Laptop usage is restricted to class related tasks only.
- 6. Individual Assignments:** All assignments are intended for individual work unless specified otherwise. Copied work among students will result in a zero grade for all parties involved. Your finished assignment need to be turned in **through BlackBoard BEFORE class starts on the due date, which will be reinforced through the submission time frame set up with each assignment**).

For all individual assignments, **NO late submissions will be accepted, NO exception!**

- 7. Case Studies:** Throughout the semester, there are two individual case studies. More details are to come.
- 8. Special Accommodations:** If you require special academic accommodations under the Americans with Disabilities Act, Section 504, or other state or federal laws, please contact the instructor and the Office of Disability Services (281-283-2626) immediately.
- 9. Incompletes:** A grade of "I" (incomplete) will not be administered for this course. UHCL policy allows for the awarding of grades of "I" at the discretion of the instructor, in extreme cases which prevent a student from completing the course requirements. I will work with any student encountering such a situation to make alternative arrangements for completion of the course requirements by semester's end.
- 10. Drop Date:** The last day to drop this course without receiving a grade is Jan 29th, 2014 (Per the Academic Calendar-please verify **here**). It is the student's responsibility to sign and submit a course withdrawal form in the office of enrollment services in order to be formally withdrawn from the course.

Useful University Resources:

- 1. University Writing Center:** The UHCL Writing Center is an instructional facility designed to help you become a better writer. The tutors are specially trained to work with any kind of writing assignment and can help you at any stage of the writing process, from brainstorming to revising. They offer help to the whole UHCL community. Since you are going to write a paper for this course, you are strongly encouraged to use the service. For more information, please see <http://www.uhcl.edu/portal/page/portal/WC>.
- 2. Neumann Library:** The library is a wonderful place you get all the resources either to write your paper or conduct your case studies and so much more. They provide various help and services that will greatly benefit you academically. For more information, please see <http://prtl.uhcl.edu/portal/page/portal/LIB/HOME/REFINST/infolit>.

Grading Policy:

Midterm	25%
Final Exam	25%
Individual Assignments	15%
Case Study	15%
Literature Survey	15%
Class Participation	5%

Letter grades will be assigned approximately as follows.

A	93-100	C	73.0-76.9
A-	90.0-92.9	C-	70.0-72.9
B+	87.0-89.9	D+	67.0-69.9
B	83.0-86.9	D	63.0-66.9
B-	80.0-82.9	D-	60.0-62.9
C+	77.0-79.9	F	<60.0

Tentative Course Schedule

Date	Topic	Required Reading*	Assigned Tasks	What's Due
Jan 14	Course Introduction / Information Systems Management in the Global economy, The Top IS Job	CH1, 2	Case Study	
Jan 21	Strategic Uses of Information Technology Strategic Information System Planning	CH3, 4	A1	
Jan 28	Library Session		Literature Survey	A1
Feb 4	Designing Corporate IT Architecture	CH5		
Feb 11	Managing Telecommunications	CH6	A2	
Feb 18	Managing corporate information resources	CH7		Literature Survey Preliminary Report A2
Feb 25	Case Study Presentation			Case Study
Mar 4	Midterm			
Mar 18	Technology for developing effective systems Management issues in system development	CH9, 10	A3	
Mar 25	Managing information security	CH11	A4	A3
Apr 1	Supporting information-centric decision making	CH12		A4
Apr 8	Supporting Knowledge Work	CH14	A5	
Apr 15	The opportunities and Challenges Ahead	CH15		A5
Apr 22	TBD			Literature Survey
Apr 29	Final Exam			

*Required reading refers to things you have to read BEFORE you come to class that day including the corresponding book chapters and readings post on BlackBoard

