

## INFO 3130-008 Management Information Systems

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**Office Hours:** 1:30 – 2:30 pm or by appointment  
**TA Office Hours:** By appointment  
**Class Hours:** Tuesday & Thursday 11:30 – 12:45 PM  
**Venue:** Collvard 4123

### Course Description

The course is designed to introduce students to the use of Information Systems (IS) as an essential tool for conducting business in an increasingly global economy. The emphasis is on the conceptual foundations underlying the design, control and operation of IS and how IS provide organizations competitive advantages.

### Learning Objectives

Managers today have increasing responsibility for determining their own computer based information systems (IS) needs and for designing and implementing information systems that will support their decision making. Thus, the objectives of this course include the following:

1. To be familiar with the IS terminology used to support business.
2. To gain critical thinking skills needed to solve business problems with IS.
3. To develop an understanding of IS, their conceptual and technical foundations, users, components, missions, and capabilities.
4. To get acquainted with both conventional, as well as state-of-the-art, information technologies and to understand how to apply them to support management decision making.

### Course Materials

- Text book: Essentials of Management Information Systems, 12th Edition. Pearson (ISBN 978-0-13423824-1)
- Other material posted on CANVAS.

### Grading

Component	Percentage
Exams (3@225)	675
Group Technology Presentation	75
Assignments (2@100)	200
Attendance	35
Class Participation	15
<b>Total</b>	<b>1000</b>

### Excel Project – 20 points extra credit

**Note:** Active participation is required for class participation points

The final letter grade will be calculated based on the following scale:

A: 900 and above; B: 800-899 C: 700-799; D: 60-699; F: Below 600

The course grades are posted on Moodle for informational purposes only. The official overall grade is computed and kept in the instructor's gradebook.

**Exams:** Four equally weighted exams will be given in this course: Three during the semester plus a comprehensive final. However, only THE HIGHEST THREE of the exams will be counted towards the grade. Students may take all four exams and drop the one with the lowest grade.

**Assignments:** Students must complete the following **individual** assignments during the course of the semester.

- **Application assignments:** Use of Microsoft Access, and SAS Enterprise Miner to facilitate business decision making. There may be an extra credit Assignment. We will have computer labs for these assignments. These assignments must be submitted **on Canvas by the due date.**

**Group Project:** Students will form groups (4 members) to complete and present the project.

All members in a group are expected to contribute to the project. If a group member does not contribute, the rest of the members may, after a consensus agreement and the instructor's consent, ask him/her to leave the group. The maximum project grade for students not belonging to a group will be a B. Peer reviews may be requested and factored into the grade.

**Instructions:**

- a. **Topic Choice:** Submit Topics via Canvas with name of group members (each person must submit a Word document even if you are in a group) by **the deadline. If you are not in a group, submit an individual topic choice and I will assign you to a group and topic (you may not get the topic of your choice).** Groups that do not submit a selection by the due date will be assigned one.
- b. **Class Presentation**
  - i. The presentations will be scheduled for the first 10 minutes of class (We may have multiple presentations on some days). The presentation schedule will be determined by the instructor.
  - ii. **Each group must submit their presentation file via CANVAS by noon of the day before the presentation.**
  - iii. Include as part of your presentation, 1 multiple choice, question that can potentially be used on an exam.(The instructor may or may not use them)
  - iv. All sources must be cited on the individual slides where the material appears. In addition, one of the last slides must contain a complete list of sources.
- c. The grade will be based on the:
  - i. Quality of the research
    - a. accuracy and up-to-datedness,
    - b. discussion of issues from a business point of view,
    - c. quality of sources
    - d. proper citations
  - ii. Quality of the presentation
    - a. interesting, creative

## b. Adhering to the time limit (10-12 minutes)

The goal of the presentation is for students to research an interesting information technology that is used in business or an interesting aspect of the use of technology (such as Internet Addiction) and make a brief presentation (**up to 8 slides including links to videos and excluding references and exam question**). You can play part of a video or the whole video)

Below are some of the topics that you may be interested in. You can select one of these topics or come up with your own topic (check with me for approval).

Electronic currencies and payment systems (Bitcoin and others)

Robot financial advisors (wealthfront, betterment,...)

Business (or consumer) applications of robots

IBM Watson applications in finance

IBM Watson applications in Healthcare

How does IBM Watson work?

What is Kickstarter? How does it work

Self-driving cars

New types of social networks (besides Facebook, LinkedIn..)

Internet Addiction

Website Analytics

Twitter Analytics

Big Data Applications

Business applications of drones

Predictive Analytics

Healthcare Analytics

What technologies does Netflix Use?

What technologies does UBER use?

What data can websites collect about me?

Internet advertising (present some examples of companies and what they do)—examples-

DoubleClick ,Quaero,...

## **Other Class Policies**

### **Attendance and Participation Policy**

Attendance and participation are required. Attendance may be taken at any point during the class (beginning, middle, end) and may even be checked multiple times. Tardiness or early departure are disruptive and are, of course, discouraged and will be reflected in the attendance grade as absences. Absence from a class session also implies zero participation for that session.

I expect every student to study the textbook and other posted materials (notes, solutions, etc.) **prior to each class session**. Students must be prepared to answer questions on the “current” topic. Discussion questions and quizzes may be used to evaluate preparation/participation and the results will be combined with the attendance record. Small homework assignments may be given during the semester and will also count towards class participation.

Students will be held responsible for any material covered, announcements made, assignments passed out, and any other type of work that they may miss during any absence from class.

### **Exams**

Make-up exams will NOT be given except in cases of serious medical emergencies as evidenced by a written doctor's excuse. Permission must be obtained from the professor **prior** to the scheduled exam time. Students missing an exam with an approved excuse will be allowed to make up the exam with the professor's approval during the final exam period. There will be no make-up for the comprehensive final.

Exam reviews will be available during office hours or by appointment **for one week after exam grades are posted.**

Exams are a form of intellectual property belonging to those who create them. Consequently, exams must remain in my possession or under my control at all times. This means that exams may not be taken out of the room or copied. Students are encouraged to review their exams during office hours or by appointment. However, failure to return an exam after taking or reviewing it or removing an exam from my presence at any time or copying an exam will be considered theft of intellectual property. Such action will result in an exam grade of zero and may warrant further disciplinary action.

### **Assignments**

This 3-credit course requires three hours of classroom or direct faculty instruction and six hours of out-of-class student work each week for approximately 15 weeks. Out-of-class work may include but is not limited to: required reading, library research, written assignments, and studying for quizzes and exams.

You must complete each individual assignment on your own. Any sharing between students will be considered a violation of the Academic Integrity Code and will result at a minimum in a grade of zero for the assignment with a possibility for further disciplinary action.

### **Group Work**

Peer reviews for all group work may be requested

**Due Dates Policy**

A deadline is like a ticket for a cruise. If you arrive after the scheduled departure time, the ship will have sailed without you and your ticket (homework) will be worthless. Written homework must be handed in within 5 minutes of the scheduled start time for the class period on which it is due. Late homework will not be accepted, and you will receive a zero for that assignment. If you know you will miss class, make arrangements to turn in your work ahead of time.

**Class Behavior Policy**

**Disruptive behavior distracts from the ability of others to profit from their in-class experience. Such behavior includes but is not limited to arriving late, leaving early, having side conversations, making unnecessary comments that add no value to the class, surfing the net, and any activities that negatively impact the ability of other students to learn and/or listen in class.**

Disruptive behavior could result in lower or negative class participation grades.

**Electronic Devices in Class**

Use of cellular phones, laptops pagers, CD players, radios, and similar devices are prohibited in the classroom and laboratory facilities, unless required by the instructor. Cellular phones **MUST BE TURNED OFF DURING CLASS** and students are strongly discouraged from checking their cell-phone messages when the class is in progress. Use of instant messaging, email or other communication technologies during class time is prohibited. Calculators and computers are prohibited during examinations and quizzes, unless specifically allowed by the instructor. I will take very seriously any complaints from fellow students who are distracted by non-class related use of electronic devices by any student.

Students violating these policies will be marked for disruptive behavior and may be asked to leave the class. Their grade will also be affected according to the rules of class participation points (pages 2 and 3 of this document). Attempts to engage in such disruptive behavior will be reflected in lower grades and may lead to removal from the course. **The professor may deduct a maximum of 5 points from the overall grade at each instance of such behavior.**

**Grade Appeals Policy**

If you believe that the grade you received on an assignment or an exam was in error or unfair, you can appeal to the professor in writing within 7 calendar days after the grades are posted. The appeal should clearly state the reasons why you believe the grade to be unfair or the nature of the error. Overdue appeals will not be considered.

**Academic Integrity**

As a program that helps to create business and government leaders, the College of Business has an obligation to ensure academic integrity is of the highest standards. Standards of academic integrity will be enforced in this course.

University regulations will be strictly enforced in all cases of academic irregularities, cheating or plagiarism. 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, and projects must be his/her own work.

All UNCC students have the responsibility to be familiar with and to observe the requirements of The **UNCC Code of Student Academic Integrity** (see the Catalog and also <http://integrity.uncc.edu/>). This code forbids cheating, fabrication or falsification of information, multiple submission of academic work, plagiarism of written materials and software projects, abuse of academic materials (such as library books on reserve), and **complicity in academic dishonesty** (helping others to violate the code). Additional examples of violation of the Code include:

- Representing the work of others as your own.
- Using or obtaining unauthorized assistance in any academic work.
- Giving unauthorized assistance to other students.
- Modifying, without instructor approval, an examination, paper, record, or report for the purpose of obtaining additional credit.
- Misrepresenting the content of submitted work.

Students are expected to report cases of academic dishonesty they become aware of to the course instructor who is responsible for dealing with them.

For this course, it is permissible to assist classmates in general discussions about the homework. General advice and interaction are encouraged. Each person, however, must develop his or her own solutions to the assigned homework and laboratory exercises. Students may not "work together" on graded assignments. Such collaboration constitutes cheating, unless it is a group assignment. A student may not use or copy (by any means) another's work (or portions of it) and represent it as his/her own. If you need help on an assignment, contact your instructor or the TA, not other classmates.

Any further specific requirements or permission regarding academic integrity in this course will be stated by the instructor, and are also binding on the students in this course.

Students who violate the code can be punished to the extent of being permanently expelled from UNCC and having this fact recorded on their official transcripts. The normal penalty is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases, the course grade is reduced to "F."

If you are unclear about whether a particular situation may constitute an honor code violation, you should meet me to discuss the situation. Feel free to discuss the definition of cheating and/or plagiarism with me if you are unclear on these terms or have questions about the acceptability of a particular type of action.

The instructor may ask students to produce identification at examinations and may require students to demonstrate that graded assignments completed outside of class are their own work.

### **Disability Accommodations**

If you have a disability that qualifies you for academic accommodations, please provide a letter of accommodation from the Office of Disability Services during the first week of class. For more information regarding accommodations, please contact the Office of Disability Services at 704.687.4355 or stop by their office in 230 Fretwell.

**Diversity**

The Belk College of Business strives to create an inclusive academic climate in which the dignity of all individuals is respected and maintained. Therefore, we celebrate diversity that includes, but is not limited to ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status.

**Incomplete Grade Policy**

Receiving a grade of incomplete (“I”) is not based solely on a student’s failure to complete work or as a means of raising his/her grade by doing additional work after the grade report time. An incomplete grade can be given only when a student has a serious medical problem or other extenuating circumstance that legitimately prevents completion of required work by the due date. In any case, for a student to receive an 'I' grade, the student's work to date should be passing, he/she must have completed a significant portion of the course, and the student must provide proper written proof (e.g., a doctor's note) of the extenuating circumstances.

**Title IX Policy**

UNC Charlotte is committed to providing an environment free of all forms of discrimination and sexual harassment, including sexual assault, domestic violence, dating violence, and stalking. If you (or someone you know) has experienced or experiences any of these incidents, know that you are not alone. UNC Charlotte has staff members trained to support you in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, helping with legal protective orders, and more.

Please be aware that many UNC Charlotte employees, including all faculty members, are considered Responsible Employees who are required to relay any information or reports of sexual misconduct they receive to the Title IX Coordinator. This means that if you tell me about a situation involving sexual harassment, sexual assault, dating violence, domestic violence, or stalking, I must report the information to the Title IX Coordinator. Although I have to report the situation, you will still have options about how your case will be handled, including whether or not you wish to pursue a formal complaint. Our goal is to make sure you are aware of the range of options available to you and have access to the resources you need.

If you wish to speak to someone confidentially, you can contact any of the following on-campus resources, who are not required to report the incident to the Title IX Coordinator: (1) University Counseling Center ([counselingcenter.uncc.edu](http://counselingcenter.uncc.edu), 7-0311); (2) Student Health Center ([studenthealth.uncc.edu](http://studenthealth.uncc.edu), 7-7400); or (3) Center for Wellness Promotion ([wellness.uncc.edu](http://wellness.uncc.edu), 7-7407). Additional information about your options is also available at [titleix.uncc.edu](http://titleix.uncc.edu) under the “Students” tab.

**Course Changes Policy**

The instructor reserves the right to make any necessary changes to the course content, schedule, and policies.

**Tentative Class Schedule (Changes May be Made at the Discretion of the Instructor)**

DATE	TOPIC	ASSIGNED READING	DUE DATES	PRESENTATION
<b>August 20</b>	Introduction and Course Overview Foundations of IS in Business	Ch. 1, 2		
<b>22</b>	Foundations of IS in Business	Ch. 1, 2		
<b>27</b>	IS, Organizations, and Strategy	Ch. 3		
<b>29</b>	IS, Organizations, and Strategy	Ch. 3	Group Formation & Presentation topics Due	
<b>September 3</b>	IT Infrastructure	Ch. 5		
<b>5</b>	Catch-up & Review			
<b>10</b>	Data Resource Management			
<b>12</b>	<b>Exam 1 (Chapters 1, 2, 3,5)</b>			
<b>17</b>	Access LAB	Ch. 6		
<b>19</b>	Data Resource Management	Ch. 6		
<b>24</b>	Telecommunications and Networks	Ch. 7	Access Lab Project Due	
<b>26</b>	Telecommunications and Networks	Ch. 7		
<b>October 1</b>	Enterprise Business Systems	Ch. 9		
<b>3</b>	Enterprise Business Systems	Ch. 9		
<b>8</b>	No Class			
<b>10</b>	E- Commerce	Ch. 10		
<b>15</b>	SAS Enterprise Miner Lab	SAS Modeler Lab		
<b>17</b>	E- Commerce	Ch. 10		
<b>22</b>	Catch-up & Review			

<b>24</b>	<b>EXAM 2 (6,7,9,10)</b>			
<b>29</b>	Improving Decision Making & Managing KNWL.	Ch. 11		
<b>31</b>	Improving Decision Making and Managing Knowledge	Ch. 11		
<b>November 5</b>	Building Systems	Ch. 12		
<b>7</b>	Building Systems	Ch. 12		
<b>12</b>	Securing IS	Ch. 8	SAS Assignment Due	
<b>14</b>	Securing IS	Ch. 8		
<b>19</b>	Ethical and Social Issues	Ch. 4		
<b>21</b>	Ethical and Social Issues	Ch. 4		
<b>26</b>				
<b>28</b>	No Class			
<b>December 3</b>	Catchup & Review			
<b>5</b>	<b>Exam3 (Ch. 4, 8,11,12)</b>			
<b>10</b>	<b>Final Exam and Make up</b>			

