

The University of North Carolina at Greensboro
Bryan School of Business and Economics
Department of Information Systems and Supply Chain Management

Course Syllabus
ISM 452 - Design of Management Information Systems

Professor:	Nikhil Mehta, Ph.D.
Email:	n_mehta@uncg.edu <i>E-mail is the best way to communicate with me.</i>
Office:	439 Bryan Building
Class Times and Meeting Location:	<u>Section 01</u> : MW (2 pm – 3:15 pm) in Bryan 121 <u>Section 02</u> : Online
Office hours	Monday 1pm – 2 pm (please schedule an appointment via email)

COURSE WEB SITE:

The course is hosted on Canvas – <http://canvas.uncg.edu> . Please choose the appropriate course after you login.

SOFTWARE

Use Lucidchart to create various diagrams. Use the basic version (free) from (www.lucidchart.com)

CATALOGUE DESCRIPTION:

Development of cost-effective computer-based systems to produce information needed for managerial decision making as specified in the information analysis phase.

COURSE PREREQUISITES:

C or better in [ISM 218](#) and [ISM 240](#). Any two of the following courses: [ISM 301](#), [ISM 310](#), [ISM 324](#), [ISM 326](#), [ISM 411](#), [ISM 425](#), or [SCM 260](#); ISSCM major.

COURSE DESCRIPTION:

ISM-452 is a project intensive capstone course with the goal of providing you an effective and meaningful understanding of various functional areas of Information Systems design through experiential learning. This course is designed as a culminating educational experience for undergraduate students and provides an opportunity to assimilate various goals of one's total education through project-based directed experiential learning within the overall domain of Information Systems. The primary activity in this course is a semester-wide group project. This project is aimed at designing an information system with substantive business functionality, and to demonstrate its technical, economic, and operational feasibility.

There is a strong emphasis on “soft skills” in this course. Students are expected to develop interpersonal communication skills, teamwork skills, self-learning skills, and project management skills. In addition, excellent written and oral communication skills are emphasized throughout the course. You will need to develop and continue to refine these skills in order to be successful in ISM 452. Upon successful completion of this course, you should be able to:

- Develop a plan for information systems to solve business problems.

- Investigate solutions to business problems and evaluate choices to make recommendations.
- Communicate analyses of system solutions effectively.
- Work as a team to develop effective information systems solutions for business problems.

The Carnegie Foundation recommends three instruments for measuring outcomes in a capstone course: *a senior thesis* (which draws on the historical, social, and ethical perspectives of the major,) *an oral presentation* of the thesis with peer critique in a public forum, and *preparation of a portfolio*. For the purpose of ISM 452, these measures will be embodied in your project, its oral presentation, and the accompanying documentation.

Relationship to Other Courses:

It is the philosophy of the ISSCM department to help students develop an appropriate background and critical skills necessary to function effectively in a global, technology-driven environment. Functional IS skills are an integral part of achieving this goal. To succeed in this course, students must utilize the problem solving and critical reasoning skills that they have acquired as part of their education here at UNCG. This course provides an opportunity for students to develop and refine these skills in preparation for their future academic and professional careers.

ACADEMIC INTEGRITY:

All students are required to follow the **UNCG Academic Integrity Policy** in completing course work. If you do not know provisions of the Honor Policy, make time to study it here: (<https://drive.google.com/file/d/0B0rFGGhJvbDHUExSZmFFaWFmb00/view>). In addition, see #6 in Course Expectations (below).

EMERGENCIES:

Hopefully, none of you will encounter an emergency this semester. If you do encounter a situation that prevents you from fulfilling your responsibilities, please contact me as soon as possible. If you are going to miss a team meeting because of the emergency, inform your team members.

PERFORMANCE EVALUATION:

ISM 452 course grades will be determined as follows:

Grade Component	Points
Project (Team Deliverable)	350
Team Project Presentation (Team Deliverable)	50
Final Exam (Individual Assessment)	50
Peer Evaluations *	50
Total	500

***Peer evaluations may be conducted TWICE during the semester, and they may HEAVILY influence individual student's project grade. Members of the same team may end up earning different grades based on their peer evaluation as conducted by other team members. All students need to complete peer-evaluations for their team members. If you fail to complete peer-evaluations for your team members, you will receive a zero grade for this component.**

The final grade is then determined using the following scale:

	B+	87 – 89.9%	C+	77 – 79.9%	D+	67 – 69.9%
A		94 – 100%	B	83 – 86.9%	C	73 – 76.9%
A-		90 – 93.9%	B-	80 – 82.9%	C-	70 – 72.9%
					D-	60 – 62.9%
					F	<60%

Bring any discrepancies to my attention as soon as you discover them.

COURSE EXPECTATIONS:

Please review this information carefully and let me know any questions or concerns you have. My goal is to provide a professional course where you may learn productively and effectively. Specific expectations include:

1. ISM 452 is an online course and all material will be made available on Canvas. You are expected to access, read/watch, and understand all course-related material. You are also responsible for accessing all information, e-mail, and announcements related to the course. If you have any problems understanding the course material, you need to bring them to my attention.
2. This course involves a significant team project, and you are expected to attend ALL scheduled team meetings. Your active participation in team activities is critical to your and your team's success in this course. If you have any problems related to team project, you need to bring them to my attention immediately.
3. It is possible that your team might interact with industry partners regarding your project. It is expected that these interactions be professional and timely, representing UNCG and yourself well to the professional community. Your interaction with these partners impacts the opportunity of future students as well as your own.
4. It is assumed that students know how to access and use Canvas and UNCG e-mail. Students are expected to check their UNCG e-mail and Canvas course website regularly. Requirements for assignments and various soft-copy documents will be distributed electronically via Canvas. Email is also the best way to communicate with me. **In your emails, always state your name, course number, and section number.** You may not receive a response if this information is missing.
5. Due dates for assignments are final, unless specified otherwise by the professor. Work turned in late will be assessed a severe penalty. Work not received within 24 hours of the due date will be given a grade of 0. Any assignment that requires rework will be assessed at least 10% penalty.
6. **Academic Integrity Expectations:**
 - a. **Students are expected to follow the policies of the UNCG Academic Integrity Policy. Individual assignments are to be completed on an individual basis. The actual work that is submitted is to be the student's own and not plagiarized from other sources, such as other students, teams, the Internet, etc. This is not an exhaustive list of the sources. When in doubt regarding this issue, it is your responsibility to check with me for clarification. Otherwise, I will assume that you have understood this policy.**

- b. **UNCG Academic Integrity Policy also applies to team assignments. All assignments should be the original work of a team and not plagiarized from other sources, such as other students, teams, the Internet, etc. This is not an exhaustive list of sources. When in doubt regarding this issue, it is your responsibility to check with the professor for clarification. Otherwise, I will assume that you have understood this policy.**
- c. **All assignments, individual as well as team, will be checked for plagiarism. Assignments that fail plagiarism review, or where plagiarism is suspected, will be awarded a zero grade and additional penalties may be brought against the individual/team. These penalties could include failing the course.**
- d. **You must formally indicate on all individual and team deliverables that you have abided by the UNCG Academic Integrity Policy.**

COURSE PERSPECTIVES

Oral & Written Communications Content:

Much of ISM 452 is spent designing an information system from a hands-on practitioner perspective. Students are expected to think and communicate their thought process. Multiple design solutions are likely regarding a particular business problem, so students should be prepared to defend the design they propose!

Technology Applications:

Although this is not a programming course, technology is used as a tool in ISM 452. Knowledge of graphics diagramming software, a spreadsheet, and a word processor is assumed.

Diversity Perspectives:

A by-product of this course is to learn how to respect perspectives that may be different than our own.

Political, Social, Legal, Regulatory, and Environmental Perspectives:

Coverage of political, social, regulatory, and environmental perspectives is limited to the context of business issues in general business-related developments.

HEALTH and WELLNESS

Your health impacts your learning. Throughout your time in college, you may experience a range of health issues that can cause barriers to your learning. These might include physical ailments, illnesses, strained relationships, anxiety, high levels of stress, alcohol/drug problems, feeling down, or loss of motivation. Student Health Services and The Counseling Center can help with these or other issues you may be experiencing. You can learn about the free, confidential mental health services available on campus by calling 336-334-5874, visiting the website at <https://shs.uncg.edu/> or visiting the Anna M. Gove Student Health Center at 107 Gray Drive. Help is always available. For undergraduate or graduate students in recovery from alcohol and other drug addiction, The Spartan Recovery Program (SRP) offers recovery support services. You can

learn more about recovery and recovery support services by visiting <https://shs.uncg.edu/srp> or reaching out to recovery@uncg.edu.

COVID-19 STATEMENT

As we return for spring 2022, all students, faculty, and staff are required to uphold UNCG's culture of care by actively engaging in behaviors that limit the spread of COVID-19. These actions include, but are not limited to:

- [Following face-covering guidelines](#)
- Engaging in proper hand-washing hygiene
- Self-monitoring for symptoms of COVID-19
- Staying home when ill
- Complying with directions from health care providers or public health officials to quarantine or isolate if ill or exposed to someone who is ill
- Completing a [self-report](#) when experiencing COVID-19 symptoms, testing positive for COVID-19, or being identified as a close contact of someone who has tested positive
- Staying informed about the University's policies and announcements via the [COVID-19](#) website

Instructors will have seating charts for their classes. These are important for facilitating contact tracing should there be a confirmed case of COVID-19. Students must sit in their assigned seats at every class meeting. Students may move their chairs in class to facilitate group work, as long as instructors keep seating chart records. Students should not eat or drink during class time.

A limited number of disposable masks will be available in classrooms for students who have forgotten theirs. Face coverings are also available for purchase in the UNCG Campus Bookstore. Students who do not follow masking requirements will be asked to put on a face covering or leave the classroom to retrieve one and only return when they follow the basic standards of safety and care for the UNCG community. Once students have a face covering, they are permitted to re-enter a class already in progress. Repeated issues may result in conduct action. The course policies regarding attendance and academics remain in effect for partial or full absence from class due to lack of adherence with face covering and other requirements.

For instances where the Office of Accessibility Resources and Services (OARS) has granted accommodations regarding wearing face coverings, students should contact their instructors to develop appropriate alternatives to class participation and/or activities as needed. Instructors or the student may also contact OARS (336.334.5440) who, in consultation with Student Health services, will review requests for accommodations.

ACADEMIC ACCOMMODATIONS

The University of North Carolina at Greensboro respects and welcomes students of all backgrounds and abilities. If you feel you will encounter any barriers to full participation in this course due to the impact of a disability, please contact the Office of Accessibility Resources and Services (OARS). The OARS staff can meet with you to discuss the barriers you are experiencing and explain the eligibility process for establishing academic accommodations. You can learn more about OARS by visiting their website at <https://ods.uncg.edu/> or by calling 336-334-544 or visiting them in Suite 215, EUC.