

ISM 670 (also ISM 707): IT Driven Disruptive Innovation Management

Spring 2023, Online Class

The University of North Carolina at Greensboro

Information Systems and Supply Chain Management Department

*** This syllabus is subject to change as needed ***

Professor: Dr. Prashant Palvia
Office: 426 Bryan Building
Office Hours: By appointment. The best way to contact me is by email. It is very important that you send a message directly to my email address (pcpalvia@uncg.edu) and not via Canvas. I am not always logged on to Canvas and may miss your Canvas messages.

Website: canvas.uncg.edu
Email: pcpalvia@uncg.edu

Catalog Description:

This course covers both conceptual and practical aspects of IT driven disruptive innovation management. This course primarily focuses on emerging information technologies that drive disruptive innovation.

Course Objectives:

The objectives of this course are to provide students with theories and concepts related to IT driven disruptive innovation and management in the context of business enterprises.

Upon completion of the class, students will be able to:

1. Analyze existing and emerging information technologies that have the potential for disruptive innovation.
2. Explain fundamental concepts related to disruptive innovation as it relates to emerging information technologies.
3. Analyze potential impact of IT driven disruptive innovation for business organizations.
4. Apply concepts and theories related to IT driven disruptive innovation and management.

Required Materials:

This course offering is relatively new, and I keep redesigning it every year. As the course itself is innovative, it is hard to find a book. Therefore, instructional materials such as readings, discussion forums and videos will be made available in Canvas. All instructional materials for each week should be reviewed before Thursday and discussion posted by then. I will post all materials including my video and PP presentation by the Friday of the prior week.

Instructional Methods:

This course will be delivered online using Canvas. The course will consist of readings, course videos, online discussions of course materials, assignments, exams, and team projects.

Late Work:

Late work will NOT be accepted and will receive a zero score. Exceptions may be made in extenuating circumstances but must be pre-arranged with the instructor; there will still be a minimum of 20% penalty. I am sorry, but you have been told in advance.

Course Participation:

This is an online course and therefore no face-to-face meetings will be held. There will also be weekly discussions. You cannot learn from this discussion if you do not participate. Students are required to access the online course through Canvas. The instructor will use the tracking feature in Canvas to monitor student activity. Students are also required to participate in all class activities such as discussion board, chat or conference sessions and group projects.

This class will utilize the Canvas system for the distribution of materials and communications. Students should be familiar with the Canvas system (canvas.uncg.edu) before enrolling in this class. *Please check Canvas postings and your email at least once a day.*

I will post all materials for the week by the Friday of the prior week. This will include my video and PP presentation. You should complete all assignments by Thursday of the week they are assigned.

You will be responsible for all materials and announcements made on Canvas or by email, which may be over and beyond what is in the syllabus.

Discussion Board:

We will use the Discussion board in Canvas to discuss various topics. *The deadline for making your post is generally the Thursday of the week the assignment is made.* Each posting is worth 4 points: you can accumulate a maximum of 40 points towards your final grade.

Performance Evaluation:

All individual assignments must be done by only you - individuals should not work on these assignments together. Likewise, group assignments must be done based on collaboration among students assigned to a particular group. Individuals or groups may seek the general advice of others (any student or faculty), but at no time should a student or group seek or accept the answer to an assignment exercise from anyone else. A single failure to follow this policy will result in a grade of 0 on that assignment; subsequent violations of this policy will result in a grade of F for the course.

Note that graded exams and assignments will be available for review but will be retained by the professor.

The course grade will be based on the following distribution:

1. Self-Introduction	5 points
2. Weekly discussions	40 points
3. Two Quizzes	60 points
4. Electronic Brainstorming	15 points
5. Major Project	80 points
6. Mid-term Exam	100 points
7. Final Exam	100 points
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TOTAL	400 points

The grade scale is based on the total points earned, and is as follows:

372-400 (> 93%)	= A
360-371 (90%-93%)	= A-
348-359 (87%-90%)	= B+
332-347 (83%-87%)	= B
320-331 (80%-83%)	= B-
308-319 (77%-80%)	= C+
292-307 (73%-77%)	= C
280-291 (70%-73%)	= C-
Below 280 (< 70%)	= F

Please keep a record of the maximum points possible and points earned on each item. You can total both and then compute a percentage yourself to determine your running grade. This is fairly simple, and you need not ask the professor for your running grade.

Assignments:

Details of all assignments will be posted on Canvas.

Except for discussions, all grading assignments are generally due by Saturday of the week they are assigned. Assignments submitted after the due date will not be accepted except for medical emergencies and there will still be a penalty of 20% reduction in grade for each day late. Also, any assignment that requires rework will be assessed at least 20% penalty.

Use software features to check spelling and grammar. However, do not assume that the software will catch all errors. Please proofread your work carefully. Poor organization of written document, spelling, sentence structure and grammar errors will reduce your grade. Be sure to cover all assignment parts and use appropriate sub-headings for each part.

General Evaluation and Grading Criteria:

The following criteria will apply to the grading of assignments.

- A: Work that demonstrates not only a clear understanding of the material under study, but also a superior ability to utilize that material in the assignment. All criteria are met. The student's work goes beyond the task and contains additional, unexpected or outstanding features.
- B: Work that demonstrates a good understanding of the material under study, and utilizes the material well in the assignment. The student meets the assignment criteria, with few errors or omissions.
- C: Work that minimally demonstrates a basic or technical understanding of the material under study and uses some relevant material in the assignment. Work may not address one or more criteria or may not accomplish what was asked.
- F: Work that is incomplete, inappropriate and/or shows little or no comprehension of the material under study.

Electronic Mail and Canvas Accounts:

You should check your UNCG email and Canvas regularly (at least once a day) as I will send email updates and add new information on Canvas on a regular basis. You will be responsible for any information or announcements in the email messages or updates on Canvas. Please do not use Canvas to send emails to me (as I do not check Canvas constantly and sometimes, they get lost); instead use your own UNCG email system to send me messages directly to pcpalvia@uncg.edu. Start the subject line with ISM 670 and include your full name in the email.

Tentative Class Schedule:

The following schedule provides general guidelines and is subject to change. *A detailed schedule prior to the beginning of each week will be posted on Canvas. It will include the week's readings, assignments, instructions, etc. You should complete reading assignments by Thursday of the week they are assigned. Note again that all grading assignments are due by Saturday of the week they are assigned and the discussion posts are to be made by Thursday of the week they are assigned.*

Week	Date	Topic	Assignments
1.	Jan. 13	Introduction Syllabus, Definitions Course group project	Discussion: Introduce Yourself Discussion: Your perspectives
2.	Jan. 20	What is innovation? Innovation Strategy IT and Innovation Diffusion of Innovation Two videos	Week two discussion, Readings
3.	Jan. 27	How to Innovate Innovative behavior Creativity	Week three discussion, Readings
4.	Feb. 3	Quiz 1 Disruptive innovation Theory of Disruptive Innovation Two videos	Week four discussion, Readings
5.	Feb. 10	Disruptive Technologies Blockchain, NFTs, IoT Data Analytics	Week five discussion Readings, Submit Innovative Product/Service idea
6.	Feb. 17	More disruptive technologies Artificial Intelligence, Neural Networks, 3D printing	Week six discussion, Readings
7.	Feb. 24	Midterm Exam	
8.	March 3	Strategy and Organizational Concepts Industry Structure, Value Chain, Transient Advantage, SNA, Social Capital	Week eight discussion, Readings
	March 10	Spring Break	
9.	March 17	Review Prototype system	Prototype system – version 1 Discussion: prototype system feedback

Week	Date	Topic	Assignments
10.	March 24	Design Thinking, Ecosystem Alignment	Week ten discussion, Readings
11.	March 31	Quiz 2 Social innovation, Open Innovation, Reverse Innovation, Innovation Waves	Week eleven discussion, Readings Submit Prototype system - version 2 and initial report
12.	April 7	Innovation Culture, Consumer Innovator, Hybrid Approach, Crowdfunding	Week twelve discussion, Readings
13.	April 14	Holiday – we can still have a session or I can post a video.	Week thirteen discussion, Readings
14.	April 21	Present final Prototype and final report	Submit final Prototype and final report
		Final Exam	

COVID Protocols

As we return for Spring 2023, all students, faculty, and staff and all visitors to campus are required to uphold UNCG’s culture of care by actively engaging in behaviors that limit the spread of COVID-19. While face-coverings are optional in most areas on campus, individuals are encouraged to wear masks. All individuals and visitors to campus are asked to follow the following actions:

- 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.

Students who are ill, quarantining, or isolating should not attend in-person class meetings, but should instead contact their instructor(s) so alternative arrangements for learning and the submission of assignments can be made where possible.

As we continue to manage COVID-19 on our campus, we are following the lead of the local health department and we will adjust our plans to balance student success, instructional requirements, and the hallmarks of the collegiate experience with the safety and wellbeing of our campus community.

POLICY STATEMENTS

Academic Integrity:

UNCG Academic Integrity statement can be found here: <https://osrr.uncg.edu/academic-integrity/>

Faculty and Student Guidelines

UNCG Faculty and student guidelines are be found here: <https://bryan.uncg.edu/wp-content/uploads/2017/08/Faculty-and-Student-Guidelines-2018-2019.pdf>

Electronic Mail and Canvas Accounts

You should check your UNCG email and Canvas course link regularly as I may send email updates or add new info on Canvas on an ongoing basis. You will be responsible for any information or announcements contained in the email messages or updates on Canvas.

Student Code of Conduct:

The UNCG Student Code of Conduct can be found here: <https://osrr.uncg.edu/wp-content/uploads/2019/07/Student-Code-of-Conduct-12-3-18-2.pdf>

Accessibility policy

UNCG accessibility policy can be found here: <https://ods.uncg.edu>

DISABILITY SERVICES

If you have a learning or physical disability, please contact the UNCG Office of Disability Services in Suite 208 EUC. The Disability office will contact your instructor once your request is approved. You must make arrangements for special accommodations for each and every test in advance of the scheduled test date. Please provide your instructor at least a 48-hour notice when requesting testing accommodations.

Netiquette:

All posts and classroom communication must be conducted in a professional and respectful manner in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end read the words?

Any derogatory or inappropriate comments regarding race, gender, age, religion, sexual orientation, are unacceptable and subject to disciplinary action. If you have concerns about something that has been said, please let your instructor know.

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.

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.

Inclement Weather:

Rarely, UNCG closes for inclement weather. The radio and TV stations will have the closing notification by 6:30 am. You may also call 334-5000 for a message related to weather closings. These messages are updated hourly.