ISM 670: IT Driven Disruptive Innovation Management  
Spring 2022, 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  
Email: pcpalvia@uncg.edu  
Online meeting: Fridays, 5:15 PM to 6:30 PM  
Website: canvas.uncg.edu  
Office Hours: By appointment. The best way to contact me is by email. Only in case of an emergency, you may call my mobile: 336.324.1708.

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 the Zoom session for that week (i.e., by Friday 5:00 pm).

Instructional Methods:  
This course will be delivered online primarily using Canvas. The course will consist of readings, Zoom sessions, online discussions of course materials, assignments, exams, and team projects.

Late Work:  
Late work will NOT be accepted unless in extenuating circumstances and must be pre-arranged with the instructor. Late work will receive a zero score. 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. Much of what we will do online will involve discussion. 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 plan to conduct several weekly zoom (online) sessions, each a maximum of 75-minutes long, from 5:15 PM to 6:30 PM on Fridays. The first Zoom session is on Friday, January 14, 2022. On occasions, these sessions may be replaced by instructor’s video lectures. In my experience, these sessions are very useful. Please make every effort to attend each session and be prepared. Before attending the session, you must complete the reading assignments for that week so that I can address difficult concepts and answer specific questions during the session. I will provide a recording of these sessions. If you are unable to attend, please be sure to view the recordings and bring any questions to me. You will be responsible for all materials and announcements made in these sessions, 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. Weekly discussions 40 points
2. Two Quizzes 60 points
3. Major Project 80 points
4. Project Peer Assessment 30 points
5. Mid-term Exam 90 points
6. Final Exam 100 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.

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 always get them and 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 Friday 5 PM 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.

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<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Assignments</th>
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<tbody>
<tr>
<td>1.</td>
<td>Jan. 14</td>
<td>Introduction, Syllabus, Definitions</td>
<td>Discussion: Introduce Yourself</td>
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<td>Course group project</td>
<td>Discussion: Your perspectives</td>
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<td>2.</td>
<td>Jan. 21</td>
<td>What is innovation? Innovation Strategy</td>
<td>Week two discussion, Readings</td>
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<td>IT and Innovation</td>
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<td>Diffusion of Innovation</td>
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<td>Two videos</td>
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<td>3.</td>
<td>Jan. 28</td>
<td>How to Innovate Innovative behavior Creativity</td>
<td>Week three discussion, Readings</td>
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<td>4.</td>
<td>Feb. 4</td>
<td><strong>Quiz 1</strong> Disruptive innovation Theory of Disruptive Innovation</td>
<td>Week four discussion, Readings</td>
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<td>Two videos</td>
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<td>5.</td>
<td>Feb. 11</td>
<td>Disruptive Technologies Blockchain, NFTs, IoT</td>
<td>Week five discussion Readings, Submit Innovative Product/Service idea</td>
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<td>Data Analytics</td>
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<td>6.</td>
<td>Feb. 18</td>
<td>More disruptive technologies Artificial Intelligence, Neural Networks, 3D printing</td>
<td>Week six discussion, Readings</td>
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<td>7.</td>
<td>Feb. 25</td>
<td><strong>Midterm Exam</strong></td>
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<td>8.</td>
<td>March 4</td>
<td>Strategy and Organizational Concepts Industry Structure, Value Chain, Transient Advantage, SNA, Social Capital</td>
<td>Week eight discussion, Readings</td>
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<td>March 11</td>
<td><strong>Spring Break</strong></td>
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<td>9.</td>
<td>March 18</td>
<td>Review Prototype system</td>
<td>Prototype system – version 1</td>
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<td>Discussion: prototype system feedback</td>
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<td>10.</td>
<td>March 25</td>
<td>Design Thinking, Ecosystem Alignment</td>
<td>Week ten discussion, Readings</td>
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<td>11.</td>
<td>April 1</td>
<td><strong>Quiz 2</strong>&lt;br&gt;Social innovation, Open Innovation, Reverse Innovation, Innovation Waves</td>
<td>Week eleven discussion, Readings Submit Prototype system - version 2 and initial report</td>
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<td>12.</td>
<td>April 8</td>
<td>Innovation Culture, Consumer Innovator, Hybrid Approach, Crowdfunding</td>
<td>Week twelve discussion, Readings</td>
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<td>13.</td>
<td>April 15</td>
<td>Holiday – we can still have a session or I can post a video.</td>
<td>Week thirteen discussion, Readings</td>
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<td>14.</td>
<td>April 22</td>
<td>Present final Prototype and final report</td>
<td>Submit final Prototype and final report</td>
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<td><strong>Final Exam</strong></td>
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### COVID-19 INFORMATION

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.

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:

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.