Course Syllabus
ITSS 4370.0W1
Information Technology Infrastructure
The University of Texas at Dallas

Course Information

Number	ITSS 4370.0W1
Title	**INFORMATION TECHNOLOGY INFRASTRUCTURE**
Term	**FALL 2022**
Dates	**August 22nd to December 16th, 2022**

Professor Contact Information

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About the Instructor

See the following links:

I. http://majumdar.wordpress.com
II. http://www.linkedin.com/pub/sumit-k-majumdar/2/92b/335
III. https://scholar.google.co.in/scholar?hl=en&q=sumit+k+majumdar&btnG=

Course Pre-requisites, Co-requisites or Other Restrictions

ITSS 3300 and (MATH 1326 or MATH 2414 or MATH 2419) and (MATH 2333 or OPRE 3333 or MATH 2418 or MATH 2415 or CS 2305)

Course Description

The digital industry is a $3.0 to $4.0 trillion + worldwide industry in value, growing at 15 to 20% per year. Digital technology enhances competitiveness, and provides a resource for building, compounding and sustaining the competitive advantage of any enterprise. Cost reductions, expedited decision-making, and improved productivity, and the development of new markets and new business models, are instances of the greater purpose of digital and information technologies.

Based solely on digital technology alone, new businesses have emerged to change the economic landscape completely. Take AirBnB, Tik Tok and Uber. Information, knowledge and relationship-based businesses are emerging at the speed of light, and companies such as Google and Facebook did not exist 15 or 20 years ago.

Continuous digital innovations bring forth new industries, market segments, product niches and strategic spaces where none existed a few years ago. Mobile phones a few years ago were expensive. Now they are as necessary as air. Their presence has changed the structure of business. Big data is here. The Internet of Things (IOT) is another new wave. The third new wave is artificial intelligence or AI. Blockchain is the fourth critical wave that is upon us.

Continuing changes in business models and technology require digital and information technology professionals to refresh skills, develop new capabilities, apply technologies to meet business needs and support functioning of the information technology and digital organization. Professionals must effectively plan, manage and deploy the digital infrastructure to meet business strategic challenges and operational requirements.

Broadly, the course explores the strategic management of information technology infrastructure and business development issues associated with digital functionalities.

Specifically, the course aims to provide participants with an overall understanding of the strategic drivers of modern information technology and digital functionalities and architectures, and to provide a framework to understand how digital strategy aligns with business strategy and how to develop strategies for digital-based enterprises.

Based on ideas presented in the course, participants will conduct analysis of how to develop strategic business models and plans in some of the current hottest areas in digital technology, such as big data analysis, the IOT, AI and Blockchain.

This course will benefit all students, in accounting, technology strategy, management science, operations management, finance and computer science, who intend to specialize in the digital and information technology sectors.

Student Learning Objectives and Outcomes

The course enables participants to be capable information technology and digital sector professionals:

I. By understanding and being able to explain current trends in information, communications and digital technology infrastructures and their impacts on infrastructure management.

II. By analyzing current information technology infrastructure plans and practice, assessing their alignment with business strategy goals, understanding emerging contemporary digital

technology developments and being able to appreciate how information and digital technology can drive future business strategies.

III. By assessing how digital information, data and knowledge infrastructures and processes addresses contemporary customer needs and how contemporary information technology and digital infrastructures can be developed in a seamless and interoperable way to support these needs.

IV. By using contemporary technology knowledge allowing participants to develop digital-based business strategies in undertaking assessment in relevant areas, such as hyper-communicability, big data analysis, IOT, AI and Blockchain, and apply conceptual competencies in defining valuable real-world digital technology workplace solutions.

V. By providing insights allowing participants to appreciate information technology infrastructure and digital strategy management by acquire overall abilities in business model development.

Required Materials

ALL THE CLASS MATERIALS ARE PRESENTED IN THE RELEVANT CLASS WEBSITE.

MAKE SURE YOU GO THROUGH THE SITE AND UNDERSTAND WHAT EVERYTHING IS AND WHERE IT IS LOCATED.

UNIT LOCATION NUMBERS DENOTE WHERE TO FIND THE RELEVANT MATERIALS IN THE COURSE WEBSITE.

Required Materials

- There is no required textbook. All the required readings are supplied on line.
- This will be a reading, writing and presentation intensive course.
- An extensive amount of contemporary materials is provided online to students.
- As the class progresses, more materials may be added for contemporary flavor to the course.

The course materials currently consist of

14 recorded lectures relating to the course content displayable in PPT format **4 recorded lectures** relating to the assignments **32 readings** Additional short supporting readings will be added from time to time

List of Readings

Readings are organized under **four** (4) modules. Each module has one or more parts. There are **eight (8)** parts in total.

There are **32** readings.

The ***four*** modules are: [1] conceptual foundations; [2] digital infrastructure; [3] technology management, and [4] artificial intelligence.

File Names of Readings

Module 1 Conceptual Foundations

1. Part 1 (a) Introduction Digitization of Everything
2. Part 1 (b) Introduction Consumerization
3. Part 1 (c) Introduction Industry Digitization
4. Part 1 (d) Introduction Digital Operations
5. Part 1 (e) Introduction Manufacturing Industry Digitization
6. Part II (a) Strategy Business Models
7. Part II (b) Strategy Value and Digital Business Models
8. Part II (c) Strategy Digital Business Framework
9. Part II (d) Strategy Financial Services Industry

Module 2 Digital Infrastructure

10. Part III (a) Data Unlocking Value
11. Part III (b) Data Definitions
12. Part III (c) Data Processing
13. Part III (d) Data Centers
14. Part IV (a) Mobile Apps Components
15. Part IV (b) Mobile Apps Anatomy of a Mobile App
16. Part IV (c) Mobile Apps Applications Management
17. Part V (a) Platform Business Models
18. Part V (b) Platform Building
19. Part VI (a) Infrastructure Coding API for Dummies
20. Part VI (b) Infrastructure Practical Cases
21. Part VI (c) Infrastructure IOT Integral Internet

Module 3 Technology Management

22. Part VII (a) IOT Architecture
23. Part VII (b) IOT Intelligence
24. Part VII (c) Identity of Things Core Principles
25. Part VII (d) Identity of Things Architecture
26. Part VII (e) IOT Tomorrow Cars Technology
27. Part VII (f) Infrastructure M2M Basics

Module 4 Artificial Intelligence

28. Part VIII (a) AI Future of Work
29. Part VIII (b) AI Next Digital Frontier
30. Part VIII (c) AI Reshaping Business
31. Part VIII (d) AI Business Value
32. Part VIII Supplement Machine Learning

Syllabus and Recorded Lecture Materials with Location

The recorded lectures are located in different units of the e-learning website and unit numbers follow the week numbering for the course. Specific locations of files are as follows:

Module Name and #	Location Unit #	PPT File Title
	Unit 1	Syllabus
Module 1: Conceptual Foundations		
	Unit 1	Majumdar Digital Strategy (1) Introduction W1
	Unit 1	Majumdar Digital Strategy Paper 1 Details
	Unit 1	Majumdar Digital Strategy Paper 2 Details
	Unit 1	Majumdar Digital Strategy Paper 3 Details
	Unit 1	Majumdar Digital Strategy Paper 4 Details
	Unit 2	Majumdar Digital Strategy (2) Introduction Continued W2
	Unit 3	Majumdar Digital Strategy (3) Strategy W3
	Unit 4	Majumdar Digital Strategy (4) Strategy W4
Module 2: Digital Infrastructure		
	Unit 5	Majumdar Digital Strategy (5) Data W5
	Unit 6	Majumdar Digital Strategy (6) Mobility W6
	Unit 7	Majumdar Digital Strategy (7) Platforms W7
	Unit 8	Majumdar Digital Strategy (8) APIs W8
	Unit 9	Majumdar Digital Strategy (9) Infrastructure W9
Module 3: Technology Management		
	Unit 10	Majumdar Digital Strategy (10) IOT W10
	Unit 11	Majumdar Digital Strategy (11) Identity W11
	Unit 12	Majumdar Digital Strategy (12) IOT Automotive Case W12
	Unit 13	Majumdar Digital Strategy (13) M2M Regulation W13
Module 4: Artificial Intelligence		
	Unit 14	Majumdar Digital Strategy (14) AI W14
	Unit 15	Final presentation and peer evaluation dates
	Unit 16	Final paper due date

Technical Requirements
In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements on the Getting Started with eLearning webpage https://ets.utdallas.edu/elearning/students/current/getting-started.

Course Access and Navigation
The course can be accessed using the UT Dallas NetID account at: https://elearning.utdallas.edu. Please see the course access and navigation section of the site https://ets.utdallas.edu/elearning/students/current/getting-started for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials https://ets.utdallas.edu/elearning/students/current/tutorials.

UT Dallas provides eLearning technical support 24 hours a day/7 days a week. The eLearning Support Center https://ets.utdallas.edu/elearning/helpdesk services include a toll free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.

Communication
This course utilizes online tools for interaction and communication. Some external communication tools such as regular email and a web conferencing tool may also be used during the semester. For more details, please visit the eLearning Tutorials webpage https://ets.utdallas.edu/elearning/students/current/tutorials for video demonstrations on eLearning tools.

Interaction with Instructor

The instructor and TA will communicate with students mainly using the Announcements tools. Students may send personal concerns or questions to the instructor and TA using the email address of the instructor and TA. The instructor or TA will reply to student emails or Discussion board messages within 3 working days under normal circumstances
Student emails and discussion board messages will be answered within 3 working days under normal circumstances.

Distance Learning Student Resources
Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the eLearning Current Students page https://ets.utdallas.edu/elearning/students/current for details.

Server Unavailability or Other Technical Difficulties

The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the online eLearning Help Desk https://ets.utdallas.edu/elearning/helpdesk. The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.

Assignments & Academic Calendar

Week by Week Schedule
ITSS 4370 Section OW1
FALL Semester 2022

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
WEEK 1					
	Module 1 Conceptual Foundations	Location: Unit 1 Course Syllabus			
22 to 28 AUGUST	Module 1 Conceptual Foundations	Location: Unit 1 PPT names Majumdar Digital Strategy (1) Introduction W1	Part 1 (a) Introduction Digitization of Everything Part 1 (b) Introduction Consumerization Part 1 (c) Introduction Industry Digitization	Post Introduction on Discussion Board; Sign-up for groups (Group Sign-up Sheet in Unit 1 in eLearning)	**Do by 28 August 2022 NOON**

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
		Location: Unit 1 PPT names Majumdar Digital Strategy Paper 1 Details Majumdar Digital Strategy Paper 2 Details Majumdar Digital Strategy Paper 3 Details Majumdar Digital Strategy Paper 4 Details		Familiarization with requirements for the various papers due in the course	
WEEK 2					
29 August to 4 September	Module 1 Conceptual Foundations	Location: Unit 2 PPT name Majumdar Digital Strategy (2) Introduction Continued W2	Part 1 (d) Introduction Digital Operations Part 1 (e) Introduction Manufacturing Industry Digitization		**Group Membership Details to be Locked in by 4th September, 2022 NOON**
WEEK 3					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
5 September to 11 September	Module 1 Conceptual Foundations	Location: Unit 3 PPT name Majumdar Digital Strategy (3) Strategy W3	Part II (a) Strategy Business Models Part II (b) Strategy Value and Digital Business Models		
			1st Online Synchronous Discussion	**Online discussions to present 1st paper and discuss ideas**	**6th September 2022 at 7 pm ONLINE PRESENCE REQUIRED**
WEEK 4					
12 September to 18 September	Module 1 Conceptual Foundations	Location: Unit 4 PPT name Majumdar Digital Strategy (4) Strategy W4	Part II (c) Strategy Digital Business Framework Part II (d) Strategy Financial Services Industry		
		PAPER 1 DUE			**18th September 2022 NOON**
WEEK 5					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
19h September to 25 September	Module 2 Digital Infrastructure	Location: Unit 5 PPT name Majumdar Digital Strategy (5) Data W5	Part III (a) Data Unlocking Value Part III (b) Data Definitions Part III (c) Data Processing Part III (d) Data Centers		
WEEK 6					
26 September to 2 October	Module 2 Digital Infrastructure	Location: Unit 6 PPT name Majumdar Digital Strategy (6) Mobility W6	Part IV (a) Mobile Apps Components Part IV (b) Mobile Apps Anatomy of a Mobile App Part IV (c) Mobile Apps Applications Management		
WEEK 7					
3 October to 9 October	Module 2 Digital Infrastructure	Location: Unit 7 PPT name Majumdar Digital Strategy (7) Platforms W7	Part V (a) Platform Business Models Part V (b) Platform Building		
WEEK 8					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
10 October to 16 October	Module 2 Digital Infrastructure	Location: Unit 8 PPT name Majumdar Digital Strategy (8) APIs W8	Part VI (a) Infrastructure Coding API for Dummies		
		2nd Online Synchronous Discussion	Paper 2 presentation	**Online discussions to present paper 2 and ideas**	**11th October 2022 at 7 pm ONLINE PRESENCE REQUIRED**
		PAPER 2 DUE			**16th October 2022 at NOON**
WEEK 9					
17 October to 23 October	Module 2 Digital Infrastructure	Location: Unit 9 PPT name Majumdar Digital Strategy (9) Infrastructure W9	Part VI (b) Infrastructure Practical Cases Part VI (c) Infrastructure IOT Integral Internet		
WEEK 10					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
24 October to 30 October	Module 3 Technology Management	Location: Unit 10 PPT name Majumdar Digital Strategy (10) IOT W10	Part VII (a) IOT Architecture Part VII (b) IOT Intelligence		
WEEK 11					
31 October to 6 November	Module 3 Technology Management	Location: Unit 11 PPT name Majumdar Digital Strategy (11) Identity W11	Part VII (c) Identity of Things Core Principles Part VII (d) Identity of Things Architecture		
		3rd Online Synchronous Discussion	Paper 3 presentation	**Online discussions to present the paper and discuss ideas**	**1st November 2022 at 7 pm** **ONLINE PRESENCE REQUIRED**
		PAPER 3 DUE			**6th November 2022 NOON**
WEEK 12					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
7 November to 13 November	Module 3 Technology Management	Location: Unit 12 PPT names Majumdar Digital Strategy (12) IOT Automotive Case W12 Location: Unit 13 Majumdar Digital Strategy (13) M2M Regulation W13	Location: Unit 12 Part VII (e) IOT Tomorrow Cars Technology Location: Unit 13 Part VII (f) Infrastructure M2M Basics		
WEEK 13					
14 November to 20 November	Module 4 Artificial Intelligence	Location: Unit 14 Majumdar Digital Strategy (14) AI W14	Part VIII (a) AI Future of Work Part VIII (b) AI Next Digital Frontier Part VIII (c) AI Reshaping Business Part VIII (d) AI Business Value Part VIII Supplement AI Machine Learning		
WEEK 14					

DATES ALL IN 2022	MODULE NAME AND NUMBER	ONLINE LECTURE SLIDE NAME AND WHERE LOCATED	FILE NAMES OF WEEKLY ASSIGNED READINGS	ASSESSMENT OR ACTIVITY	DUE DATES ALL IN 2022
21 November to 27 November	FALL BREAK				
WEEK 15					
28 November to 4 December	GROUP WORK FOR PAPER AND PRESENTATION PREPARATION				
WEEK 16					
5 December to 8 December	4th Online Synchronous Discussion	Location: Unit 15	Presentation of final paper and discussing issues summing up the course	**Online discussions to present final paper and sum up learning**	**6 December 2022 at 7 pm ONLINE PRESENCE REQUIRED**
	Peer Reviews due from ALL students				**9 December by NOON**
Readings Day and Finals WEEK					
9 December to 16 December	Location: Unit 16 **FINAL PAPER DUE**				**11 December 2022 at NOON**

Grading Policy

The grade is based on readings, presentations, discussions and completing 4 (FOUR) papers of 4 (FOUR) to 8 (EIGHT) pages each, excluding appendices

The weightage given to the final paper increases as the semester progresses. The exact weights for each paper are given in the table below.

The papers are due the week following their presentations. Exact due dates and times are provided in the week-by-week schedule.

Weights for each paper

I. Group Paper 1 and online synchronous discussion participation and presentation	20%
II. Group Paper 2 and online synchronous discussion participation and presentation	20%
III. Group Paper 3 and online synchronous discussion participation and presentation	20%
IV. Group Paper 4 and online synchronous discussion participation and presentation	40%
Total	100%

Grading Scale

Scaled Score	Letter Equivalent
90-93	A-
94-97	A
98-100	A+
80-83	B-
84-86	B
87-89	B+
70-73	C-
74-76	C
77-79	C+
60-63	D-
64-66	D
67-69	D+

59 and below	F

Accessing Grades

Students can check their grades by clicking "My Grades" on the course menu after the grade for each assessment task is released.

Structure of Work, Peer Evaluations and Use of Peer Evaluation Scores

ALL CLASS WORK IS TO BE DONE IN GROUPS.

THERE IS A DETAILED PEER EVALUATION AT THE END OF THE SEMESTER

THE PEER EVALUATION SCORE FOR FEEDBACK AND EVALUATION WITHIN THE GROUPS IS USED TO DETERMINE THE FINAL PLACEMENT IN THE APPROPRIATE GRADE CATEGORY AT THE END OF THE CLASS.

DUE DATE FOR THE PEER REVIEW FORM IS **9 DECEMBER 2022**, BY NOON

- To ensure equity in distribution of grades, a detailed peer evaluation is carried out at the end of the term. Typically, several questions are asked and responses are sought on a 5-point scale. A final average score is derived for each person.

- The weighted scores received in the peer evaluations are taken into account in DOWNGRADING or SOMETIMES UPGRADING an individual's performance, based on the peers' inputs of perceptions of effort and quality as revealed by the results of the evaluations.

- It is possible that a person's numerical grades are absolutely identical to that of another in the same group; yet, the first person receives a lower letter grade eventually. That is because that person's overall group performance, contributions and thus peer evaluation score was not adequate enough, or good enough, as perceived by all other members of the group.

- Thus, it is possible that two students might receive exactly identical marks overall. Yet, because of variations in peer evaluation grades one student is placed in one letter grade category, while another student is awarded a lower category letter grade (as an example: grades can be A- or B+, or whatever, for different people in the same group). At the margin, an individual's perceived group performance, as revealed by the peer evaluation scores, determines the final grade.

IT IS ESSENTIAL TO CHOOSE GROUPS CAREFULLY, AND WORK WELL IN THESE GROUPS IN THE SEMESTER. IF THE GROUP WORKS WELL, EVERYONE BENEFITS!

Assignments

ALL PAPERS MUST BE SUBMITTED BY NOON ON THE DUE DATE

- Engaging in online synchronous discussions with fellow participants and instructor on **FOUR** (4) occasions with these discussions being noted for evaluation.

- Researching, writing, discussing and presenting 4 (FOUR) short **GROUP** papers accounting for 20%, 20%, 20% and 40% of the grade each for a total of 100%.

- Papers **1 to 3** will be done in **GROUPS.**

- Paper **4** is to be done in **GROUPS**. This paper brings together all previous papers. The cumulatively group-based knowledge will be taken forward by students in a final show of skills and capabilities.

- **Due dates for the papers**

Paper # 1 – 18TH SEPTEMBER
Paper # 2 – 16TH OCTOBER
Paper # 3 – 6TH NOVEMBER
Paper # 4 – 11TH DECEMBER

All in 2022.

Paper Requirements

- The primary graded element of the course is a series of papers describing an information technology based functionality that underlies a digital business model that adds value to a business or public organization.

- The final (FOURTH) paper is a culmination of the ideas developed in the first three (3) papers. **The idea building is cumulative.**

- A digital-based business idea or a technological functionality should deal with an important strategic issue within the domains of data, platforms, IOT, machine learning, AI and Blockchain.

- The papers will have as elements: [1] **a business application design** to be developed for practical use, by a large market, and [2] a **design for the technological functionalities** driving the business application.

- **The 1st three papers have to be done in GROUPS.**

- **The final paper is also a GROUP effort.**

- Key dates:

  [1] the **group composition** has to be finalized with the Instructor by the beginning of September 2022;

  [2] the final paper is due on December 11th, 2022.

- **Details of the requirements for ALL of the papers are given in the relevant power point slides in Unit 1of the course site.**

- The **file names** are

  - Majumdar Digital Strategy Paper 1 Details,
  - Majumdar Digital Strategy Paper 2 Details
  - Majumdar Digital Strategy Paper 3 Details
  - Majumdar Digital Strategy Paper 4 Details.

- **Read these details extremely carefully and follow the suggestions explicitly.**

Groups should be chosen or assigned at the beginning of the class and will be announced if required under *Announcements*. I prefer that they are chosen amongst yourselves after you have introduced yourselves.

The instructor may also use a group sign-up sheet to form groups for group assignments or projects.

Each group can use the available group tools under its own group area in the course to communicate and collaborate within the group.

A web conference system is available for use. Teams can schedule a live web conference for team work. This functionality is very useful and its continuous use is advised. The chemistry of in-class work can never be fully replicated, but it can be somewhat substituted by these interactions.

Please see the Web Conferencing page for instructions on making a reservation and other web conference information.

Assignment submission instructions

Locate the assignment in your eLearning course. You will submit your assignments in the required file format with a simple file name and a file extension. To submit your assignment, click the assignment name link and follow the on-screen instructions to upload and submit your file(s).

For additional information on how to submit assignments, view the Submitting an Assignment video tutorial.

Please Note: Each assignment link will be deactivated after the assignment due time. After your submission is graded, you may go to My Grades on the course menu and click the score link to check the results and feedback.

For any group assignments, one group member will submit the assignment for the group and all group members will be able to view the results and feedback once it has been graded**.**

Participation and Discussions

1. Participation will be noted for responses to discussion postings by students and responses to questions, if any, submitted by professor.

2. When a question is posted, the first five replies can answer the question directly, later posts need to respond to the answers given by other students to mimic an in-class discussion. Quality is noted. Posts have to be well thought-out and pertain to the topic. Concepts examined in class should be referenced. Integration of concepts is key since no issues operate independently of one another.

3. Discussion should be on topic and factual. Opinions are fine as long as they are supported by facts. Stating that a specific course of action is correct because of x, y, z is acceptable.

4. Grammar and spelling are not graded in the discussion section. However, full words are to be used and not acronyms and abbreviations.

5. Limit your response to less than 250 words; beyond that we lose interest.

6. In order to receive full participation points, posts, if any, should be timely. Late posting to earlier discussions is not viewed positively.

Scholastic Honesty

The University has policies and discipline procedures regarding scholastic dishonesty. Detailed information is available on the UTD Judicial Affairs web page. Students should maintain a high level of responsibility with respect to academic honesty.

Violation of University scholastic dishonesty rules invite disciplinary penalties, including the possibility of course failure and University dismissal. Scholastic dishonesty policies are enforced.

Course Evaluation

As required by UTD regulations, every student must complete an evaluation for each course at semester end. A link to an online instructional assessment form will be emailed for use.

University Policies

The information contained in the link constitutes the University's policies and procedures segment of the course syllabus; http://go.utdallas.edu/syllabus-policies has these policies.

Course Policies

Extra Credit
There will be no extra credit in this course.

Late Work
Late work is not accepted.

Class Participation
Students are required to login regularly to the online class site. The instructor will use the tracking feature in eLearning to monitor student activity.

Students are also required to participate in all class activities such as chat or conference sessions and group papers and presentations.

Course Unique Features

The key features of the course are that it is

I. Discursive*:* This is a materials intensive course, since we are dealing with ever-changing phenomena. Required readings are provided; additional readings are suggested when required.

There will be opportunities for online synchronous discussions by participants among themselves. Interested participants converse among themselves during the course.

II. Interactive*:* There will be required online synchronous real time and online sessions for presentations, and interactions with the instructor and the participants, as well among participants. For these, we will use the Blackboard Collaborate video conferencing facility.

Online Synchronous Discussion Sessions

These discussions sessions are a part of the course and will be held in weeks 3, 8, 11 and 16 of the semester.

These are planned to be held on **TUESDAY evenings at 7 pm.**

It is appreciated that not all students may find to convenient to attend all Tuesday sessions. It is understood that there may be constraints affecting online presence on particular Tuesdays.

Hence, any affected students should ensure that they attend some of the Tuesday sessions feasible, and also that their group members attend Tuesday sessions when they cannot be there. They can be de-briefed by group members subsequently.

This way, relatively even coverage at sessions, given consideration of all our various constraints, can be achieved.

Do ensure that you form groups in a manner such that someone will be free on the required days at the relevant time to attend the online discussions and present the group's materials.

Ideally, of course, all members of the group should be able to attend.

The online synchronous discussions are to be held for the purposes of:

[1] getting to know each other and the materials, and presenting the first (1st) paper on TUESDAY **6th September 2022 at 7 pm** Central time;

[2] for groups to present the second (2nd) paper and then having a discussion on it on TUESDAY **11th October 2022 at 7 pm** Central time;

[3] for groups to present the third paper (3rd) and then having a discussion on it on TUESDAY **1st November 2022 at 7 pm** Central time;

[4] for groups to present the final (4th) paper and then having a discussion on it on TUESDAY **6th December 2022 at 7 pm** Central time;

[5] if required for students to discuss issues sessions will be held on other chosen times.

III. **Hands On**: There will be preparation of a paper comprising a business idea to turn concepts and ideas into practice

IV. Intensely Pragmatic*:* The grade is based on the practical paper related to a major IT-based business idea, business model development of idea and on-line presentation of ideas and paper or report.

V. Group Work Based*:* There will be cooperative leverage of individual strengths to dynamically maximize social learning and collective intelligence.

VI. Peer Reviews: The process of group work will involve self-management and working with colleagues to achieve mutually beneficial outcomes. The policy of group work will mean that at semester end students will engage in intensive and equitable peer evaluation processes.

VII. Individual Work*:* Subject to how the class evolves, there may be the requirement to display individual skills to maximize personal outcomes. This will depend on how the class plays out with respect to group-driven work.

The **learning steps** involve:

A. Going through assigned readings at the relevant time points
B. Going through lectures at the relevant time points
C. Engagement in online synchronous discussions with others as scheduled
D. Completing group papers or assignments
E. Completing individual papers, if any
F. Making presentation of papers

Virtual Classroom Citizenship

The guidelines that apply to traditional classes should be observed in the virtual environment. Please use proper netiquette when interacting with class members and the Professor.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information in the following link constitutes the University's policies and procedures segment of the course syllabus. Please go to http://go.utdallas.edu/syllabus-policies for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.