



# EAST TEXAS A&M

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## TMGT 511.01W&.01B – Emerging Technologies

### COURSE SYLLABUS: Fall 2025

**Instructor:** Perry Moler Ph.D., Assistant Professor

**Office Location:** Ag/ET 213A

**Office Hours:** M,T,W,R, F 9:00am-10:00am or By appointment.

**Office Phone:** 903-886-5474

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**Preferred Form of Communication:** Office Hours or Email

**Communication Response Time:** 48 Hours for Email

### COURSE INFORMATION

#### ***Catalog Course Description:***

Study of emerging technologies and the management, ethical, and societal challenges they pose to engineering and technology organizations. Emphasis on how managers assess emerging technologies, share organizational strategies, make investment decisions, and create organizational structures that can effectively compete in the global market. Extensive research and writing assignments are required. Prerequisites: TMGT 595 (or co-requisite) or permission of Department Head.

#### ***Materials – Textbooks, Readings, Supplementary Readings:***

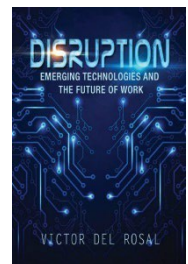
##### *Textbook Recommended:*

del Rosal, Victor. (2015). *Disruption: Emerging Technologies and the Future of Work*.

ISBN-10: 1514173948

ISBN-13: 978-151417394

[Paperback](#)

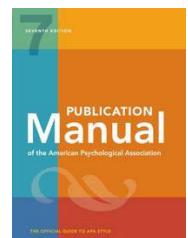


##### *Textbook Recommended:*

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). <https://doi.org/10.1047/0000165-000> ISBN [978-1-4338-3216-1](#)

##### *Additional Course Materials:*

The textbook (*Disruption*) is already somewhat obsolete, but no more contemporary book seems to cover the fundamentals of emerging technology as well as this book.



For this reason, we will use the text as a basis for discussion and will augment it liberally with contemporary articles about currently emerging technologies. Students are encouraged to assist with locating and sharing appropriate resources. As they become available and are relevant to the topics covered in this syllabus, they will be distributed.

### ***Course-Specific Student Learning Outcomes:***

Learners in the course will demonstrate...

1. An ability to evaluate societal, educational, economic, and environmental impacts of emerging technologies through literature searches, written assignments, discussions, and project;
2. An advanced comprehension of the impact of emerging technologies on the future of work;
3. An understanding of what will be necessary to prepare for anticipated exponential technological change in the future through literature searches, written assignments, discussions, and/or projects; and
4. A high level of ability to support their ideas by referencing peer-reviewed journal articles.

### ***Program Student Learning Outcomes:***

Graduates of the Master of Science in Technology Management program at East Texas A&M University will...

1. Evaluate and defend leadership and organizational strategies associated with technology-intensive enterprises;
2. Summarize and explain organizational development and strategies common to technology-intensive enterprises;
3. Formulate and assemble component ideas in order to successfully execute a project plan; and
4. Analyze information in order to formulate effective solutions.

## **COURSE REQUIREMENTS**

### ***Instructional Methods / Credit Activities / Assessments***

This is an online course which utilizes quizzes, discussions, and a series of activities and assignments to assist students in achieving the course learning outcomes. As a graduate-level course, grammar, spelling, and demonstrated organization of thought will be considered in the grading of all assignments.

### ***Grading (points and distribution of weighting subject to revision prior to start of course)***

Assignments	7 @ 100pts. ea.	700 points	70%
Discussion Forums	2 @ 50pts. ea.	100 points	10%
Each 50pt. Discussion activity consists of 1 post @ 20pts. and 2 responses @ 15pts. each.			
Research Paper	1 @ 200pts.	200 points	20%

**Total points possible**

**1000 points**

## Final Letter Grade Calculation from 1000 points possible

<b>Total Points Earned</b>	<b>%</b>	<b>Grade</b>
895 – 1000	89.5-100	<b>A</b>
795 – 894	79.5-89.4	<b>B</b>
695 – 794	69.5-79.4	<b>C</b>
595 – 694	59.5-69.4	<b>D</b>
≤ 594	≤ 59.4	<b>F</b>

Note: The point ranges identified here take traditional rounding based on a maximum percentage score of 100% into account.

Your instructor genuinely desires to see all students perform exceptionally well and earn a passing grade in this course. Likewise, your instructor also firmly believes in a student's right to fail, and shall not deny you that right should you so choose to earn that grade by virtue of your performance, or lack thereof, in this course. **YOU** determine your grade in this course by your performance, **NOT** the instructor!

### ***Non-credit Activities***

Certain activities may be required as part of the course but not be entered in the gradebook as credit activities. Although not conducted for credit, completion of certain activities may be required as internal prerequisite activities before proceeding to subsequent credit-earning activities is permitted. For example, an initial Preliminary Quiz/Acknowledgements covering the syllabus, academic honesty requirements, and other general course understandings may be administered requiring a score of 100% before further advancement in the course is permitted.

### ***Submission of Assignments***

Assignments **MUST** be submitted in the designated location to be considered submitted. (e.g. – If you upload a document to a location other than that in which it is required to be uploaded, it is **NOT** submitted.) Assignments **MUST** be completed and correctly submitted by the designated due dates and meet the required submission guidelines to be considered for full credit. Submitted work must be readable and printable using the native format of software specifically identified for use in the course. This is typically a commonly available Microsoft product (included in Office Suite), or Adobe Acrobat (.pdf format).

As you conduct outside readings and research, be familiar with the requirements of this course. As you read, take notes of points that you may wish to include in your assignment responses. Be sure to maintain the title, author, location, etc. of the sources of your research as you go so you will be able to provide a complete reference entry for the source if cited. After you have read and researched your source materials, review each assignment and begin to organize your thoughts as to the most effective, complete, and concise response. Write a draft first, then read, **think**, and make necessary revisions. Repeat this process as many times as you need in order to produce **your best** response. Be careful of format, word usage, spelling, grammar and be sure to cite your sources, where applicable. Additionally, I will be looking for evidence that you have conducted outside readings and research and that you understood what you read. Write to your intended audience at a level they can understand. Refer to the **MS-TMGT Manuscript/Assignment Guide** and **APA 7<sup>th</sup> ed. Style Manual**.

**Assignments **MUST** be completed and submitted by the designated due dates, in the designated location.**

### ***Make-up and extra credit assignments***

**No make-up, extensions, resubmissions, or extra credit assignments are available in this course.** Credit is earned exclusively by completing the required activities, as assigned, and submitting them by the due date, in the designated location.

## **TECHNOLOGY REQUIREMENTS**

### **LMS**

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

Zoom Video Conferencing Tool

[https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom\\_Account.aspx?source=universalmenu](https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu)

### ***Course-specific Software/Hardware/Peripherals***

Students will make use of the following software application to complete course assignments:

MS Word

## **ACCESS AND NAVIGATION**

This course will be facilitated using Desire 2 Learn (D2L) Brightspace, the Learning Management System (LMS) used by East Texas A&M University. The university refers to this on-line course environment as “myLeo On- line.” To get started with the course, access myLeo On-line through your myLeo Portal, or go directly to:

<http://myLEOnline.etamu.edu/>

You will need your Campus-Wide ID (CWID) and password to log in to the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or [helpdesk@etamu.edu](mailto:helpdesk@etamu.edu).

To participate in the online course environment, login to the course in myLeo On-line and follow the instructions provided in the course. Instructions, project guidelines, and relevant resources will be provided as needed throughout the course. The Virtual Classroom should be monitored and contributed to regularly. Special announcements or instructions may also be placed in the Announcements, the Virtual Classroom, or sent directly to your Leo email, which should be monitored regularly throughout your enrollment at TAMU-C.

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, coffee shop, a TAMUC campus open computer lab, etc.

## **COMMUNICATION AND SUPPORT**

### ***Interaction with the Instructor***

Email, in-class and zoom meetings will be the primary form of contact for this course.

### ***D2L Brightspace (MyLeo On-line) Technical Support***

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

## **Writing Assistance**

Both on-site and online writing assistance is available through the University Writing Center. The Writing Center is dedicated to helping writers take advantage of all opportunities for learning inherent in the writing process; to that end, center tutors can assist writers at any stage of the writing process. By working with students one-on-one or in small groups, tutors can help writers analyze the rhetorical demands of the writing task, generate and focus ideas at the prewriting stage, ensure they are addressing the writing assignment directly and effectively, elaborate and rework a rough draft after hearing the writer read the draft aloud, discover their strengths and weaknesses in a particular rhetorical context, strengthen arguments, spot weak rhetorical choices and make more effective choices, and address formatting or other surface-level concerns. At no point do center tutors write these papers for the students. All writers working in the Writing Center maintain control of their work; tutors simply offer support and feedback and ask questions they may not have been asking themselves (or may not have even known to ask themselves).

For more information, refer to the Writing Center's web pages at:

<https://www.tamuc.edu/writing-center/>

## **COURSE AND UNIVERSITY RULES/PROCEDURES/POLICIES**

### **Student Guidebooks**

The current [Student Guidebook](http://www.etamu.edu/student_guidebook/Student_Guidebook.pdf) is available here: [http://www.etamu.edu/student\\_guidebook/Student\\_Guidebook.pdf](http://www.etamu.edu/student_guidebook/Student_Guidebook.pdf)

### **ETAMU Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage. Attendance will be taken every week in both the Web based and blended sections of TMGT 511.

### **Academic Integrity**

East Texas A&M University does not tolerate **plagiarism** and other forms of academic **dishonesty**. Plagiarism represents disregard for academic standards and is strictly against University rules. Plagiarized work can result in a "0" on a given assignment(s) or an "F" for the course as well as further administrative sanctions permitted under university procedures. You may discuss course work and other course materials with fellow students (except during tests), but it is inappropriate to have another student, anyone, or anything else, do your course work or provide you with any portion of it. Further, assignment responses written by or purchased from a third-party writer or generated by an AI source, such as ChatGPT, GPT-4, or similar, may not be submitted in part or whole to satisfy assignment requirements.

Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty.

"Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), auto-plagiarism (duplicate submission of single work for credit in multiple or repeated classes), patch-writing (attempting to paraphrase by replacing selected words at intervals within a quotation with words of similar meaning), cheating on exams or other course assignments, collusion (the unauthorized collaboration with others in preparing course assignments), forgery (representing yourself as some else on a document, signing a roster on another student's behalf, soliciting or conspiring to commit a written misrepresentation of identity, etc.), and abuse (destruction, defacing, or removal) of resource material. All works submitted for credit must be original works created **by the scholar** uniquely for the class. Works submitted are subject to submission to TurnItIn, or other similar services, to verify the absence of plagiarism. Consequences of academic dishonesty may range from reduced credit on the plagiarized assignment to petition for removal from the academic program or institution, depending on the circumstances and extent of the violation; however, in typical instances, an automatic F on the assignment is considered appropriate as a minimum consequence. For additional information on the obligations and consequences regarding plagiarism and academic dishonesty, refer to University Procedure [13.99.99.R0.10 Graduate Student Academic Dishonesty](http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10.pdf). <http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10.pdf>

Assignments and questions utilized in coursework and examinations are to be considered the intellectual property of the instructor and the university, unless identified otherwise, with applicable copyright restrictions, and MAY NOT be distributed or shared outside the class. This includes the distribution of content to other students not currently enrolled in the class and the uploading of course content to external databases or third party, commercial websites. Any student doing so may be held accountable as a violation of academic honesty.

Also, be aware that the statute of limitations for penalties for plagiarism does not end upon the completion of the course or even upon graduation. If an instance of plagiarism is found anytime after the completion of the course the course grade is subject to change accordingly and any awarded degree utilizing the course is subject to revocation.

## Avoiding Plagiarism

To avoid plagiarism, an individual must give credit whenever they:

- a) use another individual's idea, opinion, or theory;
- b) use facts, statistics, graphs, and drawings that are not common knowledge;
- c) use quotations of another individual's spoken or written words; or
- d) paraphrase another individual's spoken or written words.

Any works referenced must be properly cited and referenced in accordance with APA 7<sup>th</sup> edition style.

Web resources for additional reference regarding what constitutes plagiarism and how to avoid it include:

<http://www.plagiarism.org/>  
<http://www.unc.edu/depts/wcweb/handouts/plagiarism.html>  
<http://www.indiana.edu/~wts/pamphlets/plagiarism.shtml>

An excessive Similarity Score, as indicated by TurnItIn or similar plagiarism detection tool, on any written assignment is an indication of either Academic Dishonesty OR a lack of acceptable knowledge regarding how to properly credit sources. Neither of these is acceptable and will lead to an undesirable outcome on the assignment, and most likely the course. A Similarity Check Dropbox is provided in the course as a courtesy so that you may submit your work to verify that your similarity score is in an appropriate range BEFORE submitting your final work to the official Dropbox folder designated for the particular activity. You may submit, revise, and resubmit your documents to this Dropbox as many times as necessary to achieve an appropriately low score.

So, what is an appropriate range? As the Similarity Score is an indication of how much of your work can be found in previously published works, the lower the score the better. It is not unusual for students to submit works that score from 0% to 3%. On the other end, if you submit work that shows to be 25% (1/4 or more plagiarized, either intentional or due to improperly crediting), expect a serious issue and very likely an F. If your score exceeds 33% (1/3+ plagiarized), expect an F on the activity as there is simply no excuse for that high of a Similarity Score if you did the work yourself and credited properly.

Here's the general scale based on the recommendations of the Program Advisory Committee:

0%-7%	Excellent (Shoot for the bottom end of this range.)
8%-14%	Acceptable
15%-24%	Probably OK, but similarity report will likely be checked to be sure there are no serious issues.
25%-32%	Likely NOT OK, will undergo similarity report evaluation and an F is very likely.
33%+	Definitely NOT OK, will undergo similarity report evaluation and an F is almost assured.

Note that TurnItIn may include assignment questions in the similarity analysis which can result in a higher similarity score shown in the submission folder. If this occurs, the score will be manually adjusted by the instructor to remove percentages of similarity detected in assignment questions and reflect only the percentage of similarity detected in student generated responses. This adjustment will be noted in the instructor's official grading spreadsheet and will not be visible in the submission folder.

The university's adopted [Graduate Student Academic Dishonesty procedure](#) takes a strong stance against violations of academic integrity. This opportunity to check your Similarity Scores prior to final submission will help you to address any issues that might otherwise arise to avoid any undesirable consequences resulting from an unintentional instance of Academic Dishonesty. Documents submitted to the Similarity Check Dropbox will not be

collected or graded. Assignment Documents are not officially submitted, and do not count for credit, until they are posted to the specified location designated for that specific assignment.

## Scholarly Expectations

Work submitted, particularly at the graduate level, is expected to demonstrate higher-order thinking skills and represent the student's best possible effort on the assignment. A student should NEVER ask an instructor what they made on a particular assignment for the purpose of determining how much effort to put into the next assignment. Any effort, on any activity, that is less than the student's best is insufficient and will likely, and rightfully, be reflected in the grade. If a passing grade is desired in this course, it must be demonstrated by virtue of your performance throughout the course. Further, work submitted at the graduate level is expected to be of significantly higher quality and created with a significantly higher degree of self-direction than work produced at the undergraduate level.

Students are expected to demonstrate an ability to correctly follow directions and perform in accordance with assignment requirements in terms of content, submission, and timeliness and communicate with the instructor and fellow students in a respectful and professional manner. Further, students are expected to be able to accomplish these responsibilities with a significant degree of independence and not expect to habitually contact the instructor to provide additional interpretation of clearly stated assignments, correct your work prior to submission, and provide continual "hand-holding" to function academically. Grading standards are typically such that failure to adhere to these basic expectations will be reflected in the grade. This is as it should be. A student who does not demonstrate the ability to independently follow instructions correctly and produce work that meets the identified project standards will not likely earn an A in this course. A grade of A in such case would misrepresent a student's ability to perform at a high standard to a potential employer or supervisor evaluating their transcript.

### Late Work

Projects and assignments MUST be completed and submitted by the designated due dates

### Time Commitment

In a college-level course, it is a reasonable and accepted expectation that a student will spend between three and four hours outside of class for each hour spent in class. This applies to on-line and blended courses just as it does to a traditional course when determining the total expectation of time that should be spent on a particular course per week, or day in the case of summer or sub-term courses. An understanding of this expectation can help serve as a gauge for you to determine a range of how much time you will need to allow for and devote to each course. The average time commitment range calculation for a three Semester Credit Hour (3 SCH) course, such as this one, is shown in the following table.

### Estimated Time Needed per Week

Average expected time spent on class or class related work.	Minimum expected average time based on 3:1 time ratio.	Maximum expected average time based on 4:1 time ratio.
"In" class per class week	3hr. 00min.	3hr. 00min.
"Outside" class per class week	9hr. 00min.	12hr. 00min.
<b>TOTAL Weekly Expectation</b>	<b>12hr. 00min.</b>	<b>15hr. 00min.</b>
<b>TOTAL Term Expectation</b>	<b>180hr. 00min.</b>	<b>225hr. 00min.</b>

## Drops & Withdrawals (and understanding the difference)

**Drop** – Removal of the student from one or more courses while remaining actively enrolled in one or more remaining courses in a given semester. A drop must be initiated by the student, with reason, subject to instructor approval,



or it may be initiated by the instructor in the case of excessive absences, at the discretion of the instructor. Drop requests **must** be submitted on or before the drop deadline. A student **may not** be dropped from a single course after the drop deadline is passed. Requests to drop a course are submitted via the student's [myLEO](#) account.

**Withdrawal** – Elective removal of the student from **ALL** courses in which they are enrolled in a given semester. A withdrawal request must be initiated by the student submitting the official [Withdrawal Form](#) to the Office of the Registrar on or before the last day to withdraw. Withdrawals cannot be initiated by instructors and do not require instructor approval; however, the student should notify their instructor(s) of their intent **prior** to initiating the withdrawal process.

### **Students with Disabilities-- ADA Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

#### **Office of Student Disability Resources and Services**

East Texas A&M University Velma K.

Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [studentdisabilityservices@ETAMU.edu](mailto:studentdisabilityservices@ETAMU.edu)

Website: [Office of Student Disability Resources and Services](#)

<http://www.ETAMU.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

### **Nondiscrimination Notice**

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

### ***Mental Health & Well-Being***

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit [www.ETAMU.edu/counsel](http://www.ETAMU.edu/counsel)

University Counseling Center: 903-886-5145

National Suicide Prevention Lifeline: 1-800-273-8255

University Police (in case of imminent danger): 903-886-5111 (or 9-1-1)

### **Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.ETAMU.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.



## **A&M-Commerce Supports Students' Mental Health**

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit [www.ETAMU.edu/counsel](http://www.ETAMU.edu/counsel)

### **Student Conduct/Citizenship**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.ETAMU.edu/student_guidebook/Student_Guidebook.pdf). [http://www.ETAMU.edu/student\\_guidebook/Student\\_Guidebook.pdf](http://www.ETAMU.edu/student_guidebook/Student_Guidebook.pdf)

Students should also consult the Rules of Netiquette for more information regarding how to interact in an online forum: [Netiquette http://www.albion.com/netiquette/corerules.html](http://www.albion.com/netiquette/corerules.html)

### **Policy on Use of AI in Course**

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

13.99.99.R0.03 Undergraduate Academic Dishonesty

13.99.99.R0.10 Graduate Student Academic Dishonesty

#### **In this course, AI is allowed with the following guidelines:**

1. AI may be used to generate an outline for a paper or to generate ideas for inclusion. For example, to determine the full range of fuel sources for the generation of electricity or to obtain a list of the countries in Africa.
2. If used, the AI application must be listed in the Reference list as a source.
3. If used, include an Appendix after your Reference page showing the exact prompt given to the AI app and its full response.
4. Remember, AI has a tendency to invent references, so you need to check all references carefully to be sure they are legitimate. During the grading process, references are routinely checked, so you need to check them first.
5. Generally, it is not okay to use the paragraphs generated by AI, although like any source, you may paraphrase a particularly important point or actually quote the source. Be careful with this. A quote of more than about 40-50 words can indicate laziness on the part of the author.

### **This Syllabus and the Syllabus Change Procedure**

This syllabus constitutes the contractual document between faculty and students in the course. A student's continued enrollment in the course following the posting of the final, official syllabus at the beginning of the term signifies the student's understanding of and complete acceptance of this contract and the procedures, requirements, and evaluation criteria contained herein. Any student not accepting this syllabus is to immediately drop this course. The syllabus identifies credit-earning activities for which you will be responsible to submit in the course. The occasion of a need to vary from the original syllabus is rare; however, unforeseen circumstances and logistical issues could arise during the course of a semester that necessitates a minor modification in the originally planned activities or procedures. Changes to a syllabus are not made without sufficient justification and assurance that any changes implemented would not impact the students' ability to complete the course. Any variations that may be determined necessary during the course by the instructor will be appropriately announced in the courseware

along with relevant information pertaining to the modification and an updated version of the syllabus will be provided.

### **COURSE OUTLINE / COURSE SCHEDULE**

<b>Week</b>	<b>Topics</b>	<b>Reading</b>	<b>Assignment</b>
1	Introduction to Course	Disruption p 1-6	Preliminary Quiz D2L Introduction
2	What is Emerging Tech	1 Article	Essay 1
3	Artificial Intelligence	Disruption p 7-17 3 Articles	Essay 2A
4	Autonomous Vehicles	Disruption p 19-26 3 Articles	Essay 2B
5	Flying Drones	Disruption p 27-32 2 Articles	Essay 2C
6	3D Printing	Disruption p 33-39 1 Article	Essay 3A
7	Internet of Things Course Project Begins	Disruption p 41-45 1 Article	Essay 3B
8	Virtual & Augmented Reality	Disruption p 47-53 4 Articles	Essay 3C
9	Biotechnology Alternative Energies	Disruption p 55-64 4 Articles	Essay 4
10	Blockchain	Disruption p 65-70 2 Articles	Essay 5
11	Reality Blurred Blackbox Combinations Augmented Humanity	Disruption p 73-87	Discussion #1
12	Towards Full Automation	Disruption p 89-100	Interim Project

# Report

13	Education for Disruptors	Disruption p 103-127	Essay 6
	Solving Problems	3 Articles	
14	Engr Socio-Econ. Security	Disruption p 129-149	Essay 7
	The Transition to Prosperity	2 Articles	
15	Focus on Course Project		Discussion #2
16	Course Project		Course Project
	<b>Due on Wednesday Dec. 10 by 11:59PM</b>		Final Report