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TMGT 471.01W TMGT Capstone Project - 23542

COURSE SYLLABUS: SPRING 2023

INSTRUCTOR INFORMATION

Instructor: Gerald Patrick Carter, Distinguished Lecturer

Electrical Engineering Program

Department of Engineering and Technology

Office Location: AG/ET 216 (*Engineering and Technology Building 2*nd *floor*)

Office Hours: Tuesday (9:00am – 11:30am)

Thursday (9:00am – 11:30am)

Office Phone: 903-886-5706

Office Fax: 903-886-5690 (Inform instructor when fax is sent)

University Email Address: patrick.carter@tamuc.edu

Preferred Form of Communication: e-mail

Communications Response Time: 48 hours typical during weekdays

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required:

Harvard Business Review's 10 Must Reads On Strategy. Harvard Business Review Press. ISBN 978-1-4221-5798-5

Software Required:

MS Word, Excel, and Powerpoint.

Optional Texts and/or Materials:

Will be provided by the instructor

Course Description

This is the capstone course for the Technology Management Program. It provides the opportunity for students to demonstrate that they have learned the material from the program and can apply it in the real world. It should be taken during the students' last semester. It provides students the opportunity to develop a plan to solve a problem dealing with technology management issues today.

Prerequisites: BS-TMGT Majors only, senior standing, and final semester.

Student Learning Outcomes

- 1. demonstrate a working knowledge of strategy,
- 2. have an understanding of how an organizational strategy is developed,
- 3. be able to demonstrate various strategy tools in the development of an organizational strategy,
- 4. have an understanding of how organizations implement strategy.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system (LMS) and Microsoft Word

Instructional Methods

This course consists of a series of assignments, case studies, and a final project to assist you in achieving the outcomes/objectives of the course. Each week you will work on various combinations of these. Since this is a 100% online course, all coursework will be posted on the D2L course page. All your work must be submitted online as well.

Student Responsibilities or Tips for Success in the Course

This is an online course it is the student's responsibility to log into the LMS at the start of each week and review what work is required and understand the due dates.

GRADING

Final grades in this course will be based on the following scale:

Assessment Type	Pts.
Assignments	100
Quizzes	100
Final Project	100
Total	300

Assessments

Assignment 1	20 pts	Quiz 1	10 pts
Assignment 2	20 pts	Quiz 2	10 pts
Assignment 3	20 pts	Quiz 3	10 pts
Assignment 4	20 pts	Quiz 4	10 pts
Assignment 5	20 pts	Quiz 5	10 pts
		Quiz 6	10 pts
		Quiz 7	10 pts
		Quiz 8	10 pts
		Quiz 9	10 pts
		Quiz 10	10 pts
		Semester Project	100 pts

Assessment	Student Learning Outcomes (SLO)
Assignment 1	1
Assignment 2	1
Assignment 3	2
Assignment 4	3
Assignment 5	4

TECHNOLOGY REQUIREMENTS

Technology Support

Browser Support

D2L Brightspace is committed to performing key application testing when new browser versions are released. New and updated functionality is also tested against the latest version of supported browsers. However, due to the frequency of some browser releases, D2L Brightspace cannot guarantee that each browser version will perform as expected. If you encounter any issues with any of the browser versions listed in the tables below, contact D2L Brightspace Support, who will determine the best course of action for resolution. Reported issues are prioritized by supported browsers and then maintenance browsers.

Supported browsers are the latest or most recent browser versions that are tested against new versions of D2L Brightspace products. Customers can report problems and receive support for issues. For an optimal experience, D2L Brightspace recommends using supported browsers with D2L Brightspace products.

Maintenance browsers are older browser versions that are not tested extensively against new versions of D2L Brightspace products. Customers can still report problems and receive support for critical issues; however, D2L Brightspace does not guarantee all issues will be addressed. A maintenance browser becomes officially unsupported after one year.

Note the following:

- Ensure that your browser has JavaScript and Cookies enabled.
- For desktop systems, you must have Adobe Flash Player 10.1 or greater.
- The D2L Brightspace Support features are now optimized for production environments when using the Google Chrome, Apple Safari, Microsoft Edge, Microsoft Internet Explorer, and Mozilla Firefox browsers.

Desktop Support

Browser	Supported Browser Version(s)	Maintenance Browser Version(s)
Microsoft® Edge	Latest	N/A
Microsoft® Internet Explorer®	N/A	11
Mozilla® Firefox®	Latest, ESR	N/A
Google® Chrome™	Latest	N/A

Browser	Supported Browser Version(s)	Maintenance Browser Version(s)
Apple® Safari®	Latest	N/A

Tablet and Mobile Support

Device	Operating System	Browser	Supported Browser Version(s)
Android™	Android 4.4+	Chrome	Latest
Apple	iOS®	Safari, Chrome	The current major version of iOS (the latest minor or point release of that major version) and the previous major version of iOS (the latest minor or point release of that major version). For example, as of June 7, 2017, D2L Brightspace supports iOS 10.3.2 and iOS 9.3.5, but not iOS 10.2.1, 9.0.2, or any other version. Chrome: Latest version for the iOS browser.
Windows	Windows 10	Edge, Chrome, Firefox	Latest of all browsers, and Firefox ESR.

Basic Technology Requirements

- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
 - √ 512 MB of RAM, 1 GB or more preferred
 - ✓ Broadband connection (minimum 4MB) is strongly suggested for online courses
 - √ Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- You must have a:
 - ✓ Sound card, which is usually integrated into your desktop or laptop computer
 - ✓ Speakers or headphones.
 - √ *For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required.

- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: <u>JAVA web site http://www.java.com/en/download/manual.jsp</u>
- Current anti-virus software must be installed and kept up-to-date.

Running the browser check will ensure your internet browser is supported. The following settings are required:

- Pop-ups are allowed;
- JavaScript is enabled; and
- Cookies are enabled.
- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
 - ✓ Adobe Reader https://get.adobe.com/reader/
 - ✓ Adobe Flash Player (version 17 or later) https://get.adobe.com/flashplayer/
 - ✓ Adobe Shockwave Player https://get.adobe.com/shockwave/
 - ✓ Apple Quick Time http://www.apple.com/quicktime/download/
- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office.
 Microsoft Office is the standard office productivity software utilized by faculty,
 students, and staff. Microsoft Word is the standard word processing software,
 Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint
 is the standard presentation software. Copying and pasting, along with
 attaching/uploading documents for assignment submission, will also be required.
 If you do not have Microsoft Office, you can check with the bookstore to see if
 they have any student copies.

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into 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@tamuc.edu.

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, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

D2L Brightspace Support

Student Support

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of D2L Brightspace, please contact D2L Brightspace Technical Support at 1-877-325-7778 or click on the **Live Chat** or click on the words "click here" to submit an issue via E-mail.



System Maintenance

Please note that on the 4th Sunday of each month there will be System Maintenance which means the system will not be available 12 pm-6 am CST.

Assistance Through The Writing Center

The Writing Center at Texas A&M University is committed to assisting student writers at all levels. The Writing Center is located on-campus in the David A. Talbot Hall of Languages Building, Room 103. The hours of operation are Monday through Thursday from 9:00 a.m. until 4:00 p.m. and on Friday from 9:00 a.m. until 1:00 p.m. There is also an Online Writing Lab, accessed by sending an e-mail to: writing.tamuc@gmail.com

Interaction with Instructor Statement

- Correspondence with your instructor in this course will be done via e-mail.
- All e-mails to your instructor must be written clearly in a formal business format.
- E-mails must be written to reflect your professionalism: complete sentences, correctly spelled words, correct punctuation, grammar, etc.
- Virtual Office Hours: Virtual office hours are noted on page 1 of this course syllabus. I check also my e-mail inbox regularly and try to reply to all messages within 24 hours.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

This class will operate according to the following policies to ensure fairness and equal treatment to all students:

- Work, vacation, travel, and sickness/accident/death outside your immediate family do NOT constitute approved excuse for failing to complete assignments and/or meeting course deadlines and due dates.
- If you find it necessary to miss a deadline/due date and you believe you have a
 valid reason that meets university guidelines and course policy, notify the
 instructor immediately in writing!

- Grading policies and requirements identified in this course syllabus are nonnegotiable and will be adhered to in this course of study with all students held to an identical and equal standard.
- If you do not agree with any requirement herein, believe any requirement to be "unfair" or "unreasonable," or believe that less should be expected of you than your classmates in order to earn a comparable course grade, you should WITHDRAW IMMEDIATELY from this course and re-evaluate your dedication to the principle of academic integrity and success!
- Grades earned in this course will be based on a numerical value and the final course grade will be recorded/posted as a letter grade (see "Grading Scale").
- Numerical scores that determine the final course grade will not be rounded-up.

NOTICE: If you are not willing to devote the time and effort necessary for the successful completion of this course or if you do not have the prerequisite knowledge/skills to successfully complete this course, you need to discuss this matter with your academic advisor immediately.

Civility is the rule at all times!

Syllabus Change Policy

This syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

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.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: Netiquette
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TAMUC Attendance

For more information about the attendance policy please visit the <u>Attendance</u> webpage and <u>Procedure 13.99.99.R0.01</u>.

http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03

Plagiarism

United States law recognizes that words and ideas have value and can be stolen. The expression of original ideas is considered intellectual property and is protected by copyright laws. Almost all forms of expression fall under copyright protection as long as they are recorded in some way (such as a book, article, musical composition, or computer file).

All of the following are considered examples of plagiarism:

- Turning in someone else's work as your own.
- Copying words and/or ideas from someone else without giving proper credit (references).
- Failing to put a quotation in quotation marks.
- Providing incorrect information about the source of a quotation or information source.
- Changing words but copying the sentence structure of a source without giving proper credit.
- Copying so many words or ideals from a source that it makes up the majority of the work you have written, whether you give credit or not.

Be aware that your instructor will be actively looking for all occurrences of plagiarism and, when caught, the results may be devastating to your academic career (see "Academic Integrity"). To avoid plagiarism, a student must give credit whenever they:

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

Any works referenced should be properly cited in accordance with the APA 6th edition Publication Manual. *Turnitin*, or other similar plagiarism verification services, may be utilized to verify the absence of or presence of plagiarism in any or all student assignments, projects, and examinations or other coursework. In most cases plagiarism can be avoided by citing sources correctly. Simply acknowledging that certain material has been borrowed, and providing your audience with the necessary information to locate that source is usually enough to avoid a plagiarism charge.

Plagiarized assignments, projects, and examinations will receive a grade of F with zero (0) points

Collaboration

All work in this course is to be completed individually, without collaboration from others.

Use of Outside Sources for Written Work, Papers, and Assignments

In this course, if it is determined that a student used paid services to obtain previously written work, have the service write course papers, or prepare course assignments, that student will receive a failing grade (0 points) on the work in question. In addition, the student may be subject to recourse according to University policy (see "Academic Integrity").

This type of practice is unethical and is not in keeping with the established tenets of obtaining a higher education degree. Zero tolerance applies to this policy!

ADA Statement

Students with Disabilities

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

Texas A&M University-Commerce Velma K. Waters Library - Room 162 Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

E-mail: studentdisabilityservices@tamuc.edu

Website: Office of Student Disability Resources and Services

http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServ

ices/

Nondiscrimination Notice

Texas A&M University-Commerce 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.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce 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 <u>Carrying Concealed Handguns On Campus</u> document and/or consult your event organizer.

Web URL:

http://www.tamuc.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.

COURSE OUTLINE / CALENDAR

Quick Outlines Topics & Schedule- More details are provided in the LMS

Week	Module	Topic	Textbook Chapter
#	Module	Торіо	
1		Course Overview	
2	Module 1	What is Strategy	Ch 1 – What is Strategy?
3	Module 1	What is Strategy	Ch 2 – The Five Competitive Forces that Shape Strategy
4	Module 1	What is Strategy	Ch 1-2 Recap
5	Module 2	Developing a Strategy	Chapter 3 – Building Your Company's Vision
6	Module 2	Developing a Strategy	Chapter 4 – Reinventing Your Business Model
7	Module 2	Developing a Strategy	Chapter 5 – Blue Ocean Strategy
8		Start Final Project	
9	Module 3	Strategy Tools	Chapter 6 – The Secrets of Successful Strategy Execution
10	Module 3	Strategy Tools	Chapter 7 – Using the Balanced Scorecard as a Strategy Management System
11	Module 3	Strategy Tools	Ch 8 – Transforming Corner-Office Strategy into Frontline Action
12	Module 4	Implementing Strategy	Ch 9 – Turning Great Strategy into Great Performance
13	Module 4	Implementing Strategy	Ch 10 – Who Has the D? How Clear Decision Roles Enhance Organizational Performance
14	Module 4	Implementing Strategy	
15		Work On Semester Project	
16		Semester Project Due	