



## **TMGT 512 (W) Leadership in Engineering and Technology (Spring 2016)**

*This syllabus was developed for the **online sections** of the TMGT 512 Course.*

This course is an advanced study of leadership attributes, theories, and concepts within the fields of engineering and technology-intensive enterprises. (Note: This section is 100% online).

*Prerequisites: Lvl G TMGT 595 Min Grade C or Lvl G TMGT 595 Min Grade C Concur*

**Instructor:** Burchan Aydin, Ph.D.  
Assistant Professor, Engineering & Technology  
Texas A&M University – Commerce  
(Office: AG/IT: 204)  
**Email:** burchan.aydin@tamuc.edu, **Phone:** 903-886-5174

**Office Hours:** **Face-to-Face:** Tuesday and Thursday 1:00pm-4:00pm (Office: AG/IT: 204)  
**Online:** The course webpage provides question-answer forum links each week to submit your questions. Post your course related questions on those links. If I don't respond within 24 hours, email me at burchan.aydin@tamuc.edu.

### **Textbooks:**

- **Required:**
  - Leadership for Engineers: The Magic of Mindset (Basic Engineering Series and Tools). Ronald Bennett, Elaine Millam. McGraw-Hill Education – Europe. ISBN10 007338593X, ISBN13 9780073385938
  - Art and Science of Leadership. Afsaneh Nahavandi. Prentice-Hall, 7th Edition. ISBN-10:0133546764 ISBN-13: 9780133546767
- **Supplementary:**
  - Publication Manual of the American Psychological Association (APA), 6th Edition. APA format is required in all assignments and papers in this course unless otherwise told. The APA guidelines can also be found through online sources.

### **Student Learning Outcomes:**

Upon satisfactory completion of the course, the student shall be able to:

- ✓ Understand the significance of effective leadership,
- ✓ Determine the obstacles to effective leadership in engineering and technology intensive organizations, and how to handle those,
- ✓ Manage change in engineering and technology intensive organizations,
- ✓ Demonstrate a complete knowledge of leadership perspectives,
- ✓ Develop leaders in engineering and technology intensive organizations.

**Course Format**

This is a fully online section of the TMGT 512 course. Pearson LearningStudio is utilized to access the course.

Every Tuesday a new week will be accessible on the course page. Under the link for each week, the following are provided:

- A checklist that shows what you need to do that week,
- Objectives of the week,
- Lecture video and related materials,
- Assignment of the week,
- A question-answer forum where you can post any questions regarding that week’s lecture and assignments.

All your works have to be submitted to the **designated dropbox on the course page!!!!**

**Student Learning Assessment Tools and Grading**

This course consists of a series of:

- ✓ Assignments (short questions, essay questions, discussion posts, and case studies),
- ✓ Midterm exam,
- ✓ Final exam,
- ✓ Final project.

**Point Distribution**

<b>Assessment Type</b>	<b>%</b>
Assignments	40
Midterm	10
Final Exam	10
Final Project	40
<b>Total</b>	<b>100</b>

Based on the points received, the grades will be determined according to the criteria below.

**Grade Criteria**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>F</b>
100 – 90	89 – 80	79 – 70	69 – 60	59 – 0

**Important Notes:**

- ✓ The official gradebook for the course is maintained by the instructor in an external spreadsheet. The eCollege gradebook feature may be utilized by the instructor as an supplementary tool to provide student feedback on earned scores. In case of any discrepancies between the official and eCollege gradebooks, **the instructor’s official gradebook will take precedence.**
- ✓ Research project topic will be announced later.
- ✓ Discussion posts will be graded based on the following:

<b>Rubric for Discussion posts</b>	
The content of your post: Creativity, originality, clarity, thoroughness	40%
Scientific thought: Support of your ideas (research with references)	40%
Activity: How active you are in overall discussion	20%

## **Technology Requirements**

- Students need to have basic computer skills as well as basic Microsoft Office skills. Internet Search skills and knowledge of sending, opening, replying to emails is needed for this course. Our campus is optimized to work in a Microsoft Windows environment. This means our courses work best if you are using a Windows operating system and a recent version of Microsoft Internet Explorer (8.0, 9.0 or 10.0).
- Our course will also work with Macintosh OS X and Firefox. Along with Internet Explorer eCollege also supports the Firefox browser (3.0) on both Windows and Mac operating systems. Mac users have also found Google Chrome eliminates some of the issues they have experienced with Safari. Google Chrome however is NOT compatible with the ClassLive feature in eCollege. It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login in to eCollege, click on the 'My Courses' tab, and then select the "Browser Test" link under Support Services.

## **Access And Navigation**

### **Pearson LearningStudio Access and Log in Information**

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University Commerce. To get started with the course, go to:

<http://www.tamuc.edu/myleo.aspx>.

**You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or [helpdesk@tamuc.edu](mailto:helpdesk@tamuc.edu).**

It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login to Pearson LearningStudio, click on the 'myCourses' tab, and then select the "Browser Test" link under Support Services.

### **Pearson LearningStudio Student Technical Support**

If at any time you experience technical problems (e.g., you can't log in to the course, you can't see certain material, etc.) please contact the Pearson LearningStudio Help Desk, available 24 hours a day, seven days a week.

The student help desk may be reached by the following means 24 hours a day, seven days a week.

- **Chat Support:** Click on '*Live Support*' on the tool bar within your course to chat with an Pearson LearningStudio Representative.
- **Phone:** 1-866-656-5511 (Toll Free) to speak with Pearson LearningStudio Technical Support Representative.
- **Email:** [helpdesk@online.tamuc.org](mailto:helpdesk@online.tamuc.org) to initiate a support request with Pearson LearningStudio Technical Support Representative.

**Accessing Help from within Your Course:** Click on the *'Tech Support'* icon on the upper left side of the screen inside the course. You will then be able to get assistance via online chat, email or by phone by calling the Help Desk number noted below.

**Note:** Personal computer 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, an Internet cafe, or a bookstore, such as Barnes & Noble, etc.

### **Policy for Reporting Problems with Pearson LearningStudio**

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure **MUST** be followed:

1. Students must report the problem to the help desk. You may reach the helpdesk at helpdesk@online.tamuc.org or 1-866-656-5511
2. Students **MUST** file their problem with the helpdesk and obtain a helpdesk ticket number
3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and to provide me with the helpdesk ticket number
4. At that time, I will call the helpdesk to confirm your problem and follow up with you

### **Communication and Support**

The primary tool to communicate with me is the email tool in Pearson LearningStudio. The chat module in Pearson LearningStudio will also be utilized during office hours. Please feel free to email me at burchan.aydin@tamuc.edu, or call me at my office number for any questions and concerns.

### **Academic Dishonesty**

Texas A&M University-Commerce will not condone plagiarism in any form. Plagiarism represents disregard for academic standards and is strictly against University policy. 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 policy. You may discuss course work and other course materials with fellow students (except during tests), but it is inappropriate to have another student do your course work or provide you with any portion of it. Guidelines for properly quoting someone else's writings and the proper citing of sources can be found in the APA Publication Manual. If you do not understand the term "plagiarism", or if you have difficulty summarizing or documenting sources, contact your professor for assistance.

### **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  
Gee Library Room 132, Texas A&M University-Commerce  
Phone (903) 886-5150 or (903) 886-5835, Fax (903) 468-8148  
StudentDisabilityServices@tamuc.edu

## **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*). Students are expected to attend all class periods and to be prepared for each class. Students are expected to refrain from any disruptive behaviors during class, which includes but is not limited to working on assignments/projects from another course, reading non-course materials, or using the computer for non-class purposes. Cell phones, iPods, and other electronic devices should be turned off during class.

**A&M-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.**

**Anticipated Topics & Schedule**

<b>Week #</b>	<b>Starting Day</b>	<b>Wednesday</b>
1	18-Jan	Introduction to Leadership
2	25-Jan	Significance of Leadership
3	1- Feb	The Global and Cultural Contexts
4	8- Feb	Theories of Leadership
5	15 Feb	Theories of Leadership
6	22 Feb	Individual Differences and Traits
7	29-Feb	Power
8	7 Mar	<b>Midterm</b>
9	14 Mar	<b>Spring Break</b>
10	21 Mar	Current Era in Leadership
11	28 Mar	Other Leadership Perspectives
12	4-Apr	Leading Change
13	11-Apr	Leading Change
14	18 Apr	Developing Leaders
15	25 Apr	Special Topics in Leadership
16	2-May	Special Topics in Leadership
<b>17</b>		<b>Final Exams Week</b>

*This is an anticipated schedule. There might be changes during semester.*