TMGT 455 Project Planning and Scheduling
(Fall 2015)

The main goal of this course is to study the concepts used in planning and scheduling of projects in both industrial and construction settings. (Note: This course is 100 % on-line) *Prerequisite: TMGT 352*

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Office Hours: Tuesday and Thursday 1:00pm-4:00pm   (Office: AG/IT: 204)
- ✓ *These hours **might change** during semester, please check the course **announcements** regularly for any possibility of change in office hour schedule.*
- ✓ *If you want to see me anytime **other than** the office hours, please email or call me **to set an appointment** beforehand.*

Required Textbook: Construction Project Scheduling, and Control. 2nd Edition. Saleh Mubarek. John Wiley & Sons, Inc.. . ISBN 13: 978-0-470-50533-5 (hardcover), ISBN 13: 978-0-470-91995-8 (e-book).
The 3rd edition of the book can be purchased, too.

Supplementary Text (Optional): Publication Manual of the American Psychological Association (APA), 6th Edition.
- ✓ **APA format is required** in all assignments and papers in this course. You can find the APA guidelines in this manual. There are also several online sources that outline the APA format. Therefore, you do not have to purchase this manual. It is optional.

Student Learning Outcomes: Construction Project Scheduling and Control is a systematic collection of the analytical methods used to plan an efficient and successful schedule for construction projects.

Upon satisfactory completion of the course, the student shall be able to:
- ✓ devise an advanced construction schedule,
- ✓ perform efficient resource allocation and leveling,
- ✓ update schedule to control the project progress,
- ✓ solve complicated precedence networks calculations,
- ✓ develop clear and accurate reports,
- ✓ schedule risk management.

Course Requirements

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

Point Distribution

Assessment Type	%
Discussion Post	5
Quizzes	10
Assignments	20
Midterm Exam	20
Final Exam	20
Project	25
Total	**100**

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

Grade Criteria

A	B	C	D	F
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 additional 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.
- ✓ A penalty of 50% will be assessed on late assignments. After the grace period of 1 week, ZERO credit towards a final grade.
- ✓ Discussion posts will be graded based on the following:

Rubric for Discussion posts	
The content of your post: Creativity, originality, clarity, thoroughness	60%
Scientific thought: Support of your ideas (research with references)	40%

- ✓ Project topic and due date will be announced later.

Technology Requirements

- To fully participate in online courses, you will need to use a current, Flash enabled browser. For PC users, the suggested browser is Internet Explorer 9.0 or 10. For Mac users, the most current update of Firefox is suggested.

- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
  - o 512 MB of RAM, 1 GB or more preferred
  - o Video display capable of high-color 16-bit display 1024 x 768 or higher resolution

- Current anti-virus software must be installed and kept up to date in order to share files without issues.

- You will need some additional free software for enhanced web browsing. Ensure that you download the free versions of the following software:
    o Adobe Reader
    o Adobe Flash Player

- 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

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.

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 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 210-818-4148 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-

Week #	Starting Day	Wednesday
1	31-Aug	Introduction
2	7-Sep	Gantt Charts
3	14-Sep	Networks
4	21-Sep	Networks
5	28-Sep	The Critical Path Method
6	5-Oct	The Critical Path Method
7	12-Oct	The Critical Path Method
8	19-Oct	Presedence Network
9	26-Oct	Presedence Network
10	**2-Nov**	**Exam-1**
11	9-Nov	Resource Allocation and Levelling
12	16-Nov	Schedule Updating
13	23-Nov	Reports
14	30-Nov	Other Scheduling Methods, DML
15	7-Dec	Risk Management
16	**14-Dec**	**Final Exam**

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