

COURSE TITLE BLACKBOARD SITE	ARC5952 Construction Management Spring 2010 – <a href="http://my.ltu.edu">http://my.ltu.edu</a> and select CRN 3555
INSTRUCTOR	Jos. C. Veryser, AIA Associate Dean - CoAD Contact Information: veryser@ltu.edu 248.204.2818 Office hours by appointment
SCHEDULE	Optional on-ground orientation: None  See <a href="http://www.ltu.edu/registrars_office/calendar_final_exam.index.asp">http://www.ltu.edu/registrars_office/calendar_final_exam.index.asp</a> for LTU academic calendar information.
LEVEL / HOURS PREREQUISITE	M'Arch Degree / 2 semester credit hours Admission / prerequisite requirements: Grad level
REQUIRED TEXT	The Construction Industry: Processes, Players, and Practices/Author: Ralph Liebing; ISBN: 0-13-863853-5; Copyright: 2001 Prentice Hall, Inc. Upper Saddle River, New Jersey 07458.  Available for online purchase through LTU Bookstore or on internet or through local bookstores
ADDENDA	LTU Online student resources <a href="http://www.ltu.edu/ltuonline/currentonline.asp">http://www.ltu.edu/ltuonline/currentonline.asp</a> Course-specific information is provided in the "Course Information" area
TECHNICAL SUPPORT	Technical support for using Blackboard is provided by the LTU Help Desk, 248-204-2330 or <a href="mailto:vitr@ltu.edu">vitr@ltu.edu</a>

## Educational Goals

The purpose of this course is to provide an overview of the alternative construction processes used in commercial construction and a deeper understanding of the differences and similarities between them.

A brief video overview of this course is available in Module 0 in the Course Schedule.

## Objectives

Comprehensive study of construction management services, including project planning, scheduling, budgeting, contract administration and agreements. Comparison between traditional construction delivery systems and the commonly used fast tracking and phasing of construction projects.

## Prerequisite Skills

Attentive listening and graduate level written skills.

## Instructional Methods and Course Organization

**Blackboard learning environment** – Blackboard at [my.ltu.edu](http://my.ltu.edu) contains the syllabus, all assignments, reading materials, streaming videos, narrated Powerpoint mini-lectures, links to Web resources, and discussion forums. You will submit all assignments via Blackboard, and are expected to participate regularly in discussion topics. Please take time to familiarize yourself with the organization of the Blackboard site. You will want to check the site frequently for announcements reminding you of new resources and upcoming assignments. You are advised to check Blackboard on a daily basis.

**Student/Instructor Conversations** – Students keep in touch with the instructor primarily via e-mail messages and occasional telephone calls.

Self-assessments – None

**Required readings** – Textbook chapters should be read according to the schedule outlined in the syllabus. Chapters will be discussed online.

Publisher Web Site – None

**Assignments** – There will be three written assignment during the course. They are expected to be of a prescribed length, usually brief, and are expected to thoroughly and accurately respond to the subject. The assignments will be posted at intervals throughout the semester and a specific completion and submittal date will be noted. Correct grammar and punctuation are expected.

## Class Policies and Expectations

I plan to offer you a valuable learning experience, and expect us to work together to achieve this goal. Here are some general expectations regarding this course:

Each student has an LTU e-mail account. If you wish to use a different e-mail address for this course, please **change your e-mail address in Blackboard under “Student Tools”** and send an e-mail to me so I can store your address in my e-mail directory.

Readings, discussion forum participation, and written assignments must be completed according to the class schedule. If business travel will take you away from regular participation, please clear these dates with me in advance.

It is essential that all students actively contribute to the course objectives through their experiences and working knowledge.

All assignments must be submitted on schedule, via Blackboard, and using Microsoft Office-compatible software. If you need to submit an assignment via e-mail, contact the instructor in advance. Late work will be reduced in value.

Assignments must be completed to an adequate standard to obtain a passing grade. Requirements for each assignment are detailed in this syllabus or at the time that the assignment is added

Be prepared to log into Blackboard at least once each day. Please focus your on-line correspondence within the appropriate Blackboard discussion forums so that your colleagues can learn from you. At the end of the course, you will be invited to participate in a University evaluation of this course. Your feedback is important to the University, to LTU Online, and to me as an instructor, and I encourage you to participate in the evaluation process.

It is important for you as students to know what to expect from me as your instructor:  
I will be available to you via e-mail and phone, and will promptly reply to your messages.  
I will be available to you for face-to-face appointments as requested.  
I will maintain the Blackboard web site with current materials, and will resolve any content-related problems promptly as they are reported to me.  
I will return all assignments to you promptly, and will include individualized comments and suggestions with each assignment.  
I will hold our personal written or verbal communications in confidence. I will not post any of your assignments for viewing by the class without requesting your approval in advance.  
I will treat all members of the class fairly, and will do my best to accommodate individual learning styles and special needs.

If any of these points need clarification, or when special circumstances arise that require my assistance, please contact me so that we can discuss the matter personally.

## Course Schedule

This fully online course begins with an online course orientation period to familiarize yourself with the online learning environment and to meet online or via phone with your instructor. Each week starts on a Monday and ends on a Sunday.

Dates	Modules	Topics / Readings	Description
<b>Week of Jan 11</b>	Module 0 Available: 1/11/10	Course Orientation	Course orientation Instructor video
Week of January 11	Module 1 Available: 1/11/10	Chapter 1: Pages: 1 – 9  The Construction Industry at Large	Welcome to Construct Management Introduction and Cou Overview (Lecture & PowerPoint)
Week of January 18	Module 2 Available: 1/11/10	Chapter 1: Pages 10 – 27  The Construction Industry at Large	History, changing roles, and future (Lecture & PowerPoint)
Week of January 25	Module 3 Available: 1/11/10	Chapter 1: Pages 28 – 35  The Construction Industry at Large Discussion #1 starts 1/25/10	Workforce and construction effectiveness Selecting partners (Lecture & PowerPoint)
Week of February 1	Module 4 Available: 1/11/10	Chapter 1: Pages 35 – 41  The Construction Industry at Large Discussion #1 ends 2/5/10	Alternative delivery systems Design/bid/build (Lecture & PowerPoint)
Week of February 8	Module 5	Exam 1 Discussion #2 starts 2/8/10 Assignment #1 assigned	Exam available 2/9/10 through 2/11/10
Week of February 15	Module 6 Available: 2/8/10	Chapter 1: Page 37  The Construction Industry at Large	Construction Management (CM) alternatives (Lecture & PowerPoint)
Week of February 22	Module 7 Available: 2/8/10	Chapter 1: Page 37  The Construction Industry at Large Discussion #2 ends 2/26/10 Assignment #1 Due 2/26/10	Construction Management (CM) alternatives  Guest Interview with Walbridge Aldinger
Week of March 1	Module 8 Available: 2/8/10	Chapter 1: Pages 38 - 40  The Construction Industry at Large Discussion #3 starts	Design Build Design-led/design-build  Guest Interview with Harley Ellis Devereaux
Week of March 8	Module 9 Available: 2/8/10	Chapter 1 & 2: Pages 39 - 64  The Construction Industry at Large  Assignment #2 assigned	Commentary on Alternatives The Players (Lecture & PowerPoint)
Week of March 15	Module10	Exam 2 Discussion #4 starts Discussion 3 ends 3/19/10	Exam available 3/15/10 through 3/17/10

Week of March 22	Module 11 Available: 3/15/10	Chapter 3: Pages 67 - 94  The Construction Industry at Large  Assignment #2 due 3/26/10	Pre-construction phase 1 – Architect Interview with Guest Panel
Week of March 29	Module 12 Available: 3/15/10	Chapter 3: Pages 67 - 94  The Construction Industry at Large Assignment #3 assigned Discussion #4 ends 4/21/10	Pre-construction phase 2 – Constructor  Guest interview
Week of April 5	Module 13 Available: 3/15/10	Chapter 3: Pages 94 - 112  The Construction Industry at Large Discussion #5 starts	Construction phase: Overview (Lecture & PowerPoint)
Week of April 12	Module 14 Available: 3/15/10	Chapter 3: Pages 94 - 112  The Construction Industry at Large Assignment #3 due 4/16/10	Contract Forms  (Lecture & PowerPoint)
Week of April 19	Module 15 Available: 3/15/10	Chapter 4: Pages 113 - 123  The Construction Industry at Large Discussion #5 ends 4/21/10	Key Terminology  (Lecture & PowerPoint)
Week of April 26	Module 16	Final Exam	Final Exam available 4/26/10 through 4/28/10
May 3		End of Spring 2010 Semester	

## Student Evaluation

The course has a total of 300 points (left column). Letter grades are awarded based on the total percentage of points achieved (right column). Points are deducted for late assignments.

Assignments	Points
Assignment 1	30
Assignment 2	45
Assignment 3	75
Exam #1	50
Exam #2	50
Final Exam	75
Online Participation (5 @ 15 points each)	75
Total Points	400

Class Percentages	Letter Grade
96 and above	A
90 – 95	A-
87 – 89	B+
83 – 86	B
80 – 82	B-
77 – 79	C+
73 – 76	C
70 – 72	C-
69 and below	E

**Note: Grades lower than “B” fall below the LTU graduate standard**

All exams are intended to be the sole response of the individual student. They are not ‘team’ or ‘partner’ exams. Students are free to treat the exams as ‘open book’ and refer to the slides, notes and textbook.

## Practical Guidelines for Class Load Expectations

A two-credit graduate course generally requires at least six hours per week of time commitment. Here are some practical guidelines to help schedule your time commitments for this online course:

You should reserve at least 6 hours per week to read the required textbook chapters and resources, participate in online discussions, review presentation materials, and work through online quizzes. This effort will total at least 84 hours over the course of the semester.

You should organize your remaining time to roughly correspond with the point value of each major assignment.

These guidelines may not reflect the actual amount of outside time that you – as a unique individual with your own learning style – will need to complete the course requirements. The number of hours each week will vary based on assignment due dates, so please plan ahead to insure that you schedule your academic, work, and personal time effectively. The following graphic can be used to guide you in planning your weekly course work to remain on schedule:

### *On-Line Learning Schedule*

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
Read Textbook Chapter						
		Take On-Line Chapter Quiz				
		Participate in Weekly Blackboard Forums				
Individual and Group Project Work – Coordinate With Colleagues						
Instructor Communication – As Needed						

## Assignment Details

All assignments shall be submitted to the Assignments folder in the Content Areas. Any reference in a module or within an assignment to submittal in the Digital Dropbox shall be ignored and replaced with the folder name Assignments or sent direct to me via email. Watch for specific instructions with each assignment.

Course requirements and evaluation criteria are detailed below. Please review these requirements carefully. See the section Academic Resources / Assessment Guidelines for information about assessment of written and oral presentations.

Details for all assignments are shown below. Please note that you should **not** submit any assignments to the Blackboard "Digital Drop Box." All assignments are submitted using the Blackboard "Assignments" function. Some assignments are also posted to the Blackboard Discussion Forum for student comments.

### Assignments 1, 2 and 3 (30, 45 and 75 points respectively)

**Overview** – Specific instructions regarding the assignment will be made available during the course.

Organization and overall writing quality – 12 points  
Use of citations from trade or academic journals  
with proper use of APA citation formatting – 3 points  
Overall critical thinking – 15, 30 and 60 points respectively

Critical thinking is important and expected of students. Critical thinking means interpreting and using the information delivered in the course to form meaningful delivery. Simply feeding back the delivered material and quoting it does not constitute a critical thinking response. Any questions regarding the expectation should be raised before the first written assignment is turned in.

### Online Participation (75 points) (5 Discussion Threads)

Each student is expected to actively participate in online activities. **Class participation is evaluated to a maximum of 75 points** based on actively participating in Blackboard discussion forums, responding to questions posted by the instructor, and interacting positively with other students.

For each discussion thread:

**Minimum of 3 contributions to the discussion on each discussion thread – 5 points**

**Discussion over entire period – 2 points**

Proper grammar – 3 points

Quality content – 5 points

Note: For example, three contributions on the last day or two of the posting interval would be viewed as one contribution. Also, simply saying that you agree with something said is not a contribution.





## **Syllabus Addenda**

Please see the LTU Online “Current Students” web site <http://www.ltu.edu/ltuonline/currentonline.asp> for comprehensive information about Lawrence Tech’s academic services, library services, student services, and academic integrity standards. The contents of this web site is explicitly included as syllabus requirements.

The LTU Online “Current Students” web site also includes grading rubrics used by your instructor to evaluate written assignments, discussion forum participation, and group assignments. Please note that the SafeAssignment anti-plagiarism product will be used for written assignments submitted for this course. Please see the instructions included on the LTU Online web site regarding the use of the SafeAssignment product.