



**Purpose:** It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

**Course Title** - Construction Management - I

**Course Prefix and Number** - CNST1361

**Department** - Engineering Design

**Division** - Technology and Business

**Course Type:** (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core) Unique Need
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y  or N )

**Semester Credit Hours # : Lecture Hours # : Lab/Other Hours #**    3:3:0

**Equated Pay hours for course** - 3

**Course Catalog Description** - Overview of the construction industry, job market, roles and responsibilities, and common project management tools.

**Prerequisites/Co-requisites** - Students entering the program must be TSI satisfied.

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

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**Date** 1/23/14

**Reviewed by Department Head** Jo Ann Shimek

**Date** 1/23/14

**Accuracy Verified by Division Chair** David Kucera

**Date** 1/31/14

**Approved by Dean or Vice President of Instruction** Amy LaPan

**Date** 3/20/2014



**I. Topical Outline** – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

- Introduction - Size and Sectors of the USA Construction Market
- Principals of Management
- Business Law - Formation of construction business
- Design Process
- Estimating
- Scheduling
- Procurement
- Ethics

**II. Course Learning Outcomes**

Learning Outcomes	Methods of Assessment
<p><b>Upon successful completion of this course, students will:</b></p> <p>Upon the completion of the course students will demonstrate the ability to:</p> <ul style="list-style-type: none"> <li>Define terminology common to the construction management industry</li> <li>Demonstrate a comprehension of general principles of management</li> <li>Explain the role and responsibilities of all parties in the construction industry</li> <li>Assess selected project planning and control tools</li> <li>Demonstrate the use of selected computer applications in CM</li> <li>Evaluate safety concerns and protocol</li> </ul>	<p>Six quizzes Daily average will count the equivalent of one test grade (non-droppable)</p>

**III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.**

- Construction Project Administration, by Edward R. Fisk, Wiley Publication
- Construction Project Management, by Gould and Joyce, Prentice Hall

**IV. Suggested Course Maximum - 20**

**V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.**

Projector, access to PowerPoint

**VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course**

- Quizzes - 80%
- Final - 20%

A = 100 -90  
B = 89-80  
C = 79-70  
D = 69-60  
F = 59 or below

"C" or above in all degree specific classes

**VII. Curriculum Checklist**

- **Academic General Education Course** (from ACGM – but not in WCJC Core)  
No additional documentation needed

- **Academic WCJC Core Course**  
Attach the Core Curriculum Checklist, including the following:

- Basic Intellectual Competencies
- Perspectives
- Exemplary Educational Objectives

- **WECM Courses**  
If needed, revise the Program SCANS Matrix & Competencies Checklist.