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)  
☐ 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.  

Prepared by Jo Ann Shimek  
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

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<tr>
<th>Learning Outcomes</th>
<th>Methods of Assessment</th>
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<tr>
<td>Upon successful completion of this course, students will:</td>
<td>Six quizzes</td>
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<td>Upon the completion of the course students will demonstrate the ability to:</td>
<td>Daily average will count the equivalent of one test grade (non-droppable)</td>
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<td>Define terminology common to the construction management industry</td>
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<td>Demonstrate a comprehension of general principles of management</td>
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<td>Explain the role and responsibilities of all parties in the construction industry</td>
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<td>Assess selected project planning and control tools</td>
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<td>Demonstrate the use of selected computer applications in CM</td>
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<td>Evaluate safety concerns and protocol</td>
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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

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.