COURSE SYLLABUS FORMAT
Southeast Missouri State University

Department of  Industrial and Engineering Technology  
Course No. CM330

Title of Course:  Construction Planning and Scheduling  
Revision  
New  X

I. Catalog Description and Credit Hours of Course:

Construction project planning and scheduling principles and practices used by contractors to control time and cost.  3 credit hours

II. Prerequisite(s):  TG125, TG320, TG322, or consent of instructor

III. Purposes or Objectives of the Course:

A. Analyze working drawings and specifications to develop project schedule and plan of action
B. Utilize manual and computerized scheduling methods
C. Identify resources and coordination needed to meet construction schedule and expectations
D. Identify the interrelated components of the project so they can be efficiently coordinated
E. Evaluate and effectively communicate the schedule and changes throughout the project

IV. Expectations of Students:

A. Participation in class and group discussions
B. Read assigned materials
C. Complete and turn in assignments
D. Pass exams

V. Course Content or Outline (Indicate number of class hours per unit or section):

<table>
<thead>
<tr>
<th>Topic</th>
<th>Hours</th>
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<tbody>
<tr>
<td>A. Project Initiation</td>
<td>3</td>
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<tr>
<td>B. Management Tools</td>
<td>6</td>
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<tr>
<td>C. Planning and Diagramming</td>
<td>3</td>
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<tr>
<td>D. Scheduling Project Software</td>
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<td>E. CPM</td>
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<td>F. Linear and Repetitive Tasks</td>
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<td>G. Resources</td>
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<td>H. Finances</td>
<td>3</td>
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<td>I. Project Control</td>
<td>3</td>
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<tr>
<td>J. Planning</td>
<td>9</td>
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<tr>
<td>K. Student Project</td>
<td>6</td>
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<td>L. Final Exam</td>
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VI. Textbook(s) and/or Other Required Materials or Equipment:

B. Architectural Scale
C. Calculator
D. Zip Disk, 100 MB

VII. Basis for Student Evaluation:
There will be weekly assignments, and three exams. Students will be expected to produce reports on technical subjects.

Course grading will be based on the following:
Writing assignments  15%
Other assignments    15%
Exams               70%

Grading Scale:
A = 90%+
B = 80%+
C = 70%+
D = 60%+