

**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):

<u>Topic</u>	<u>Hours</u>
A. Project Initiation	3
B. Management Tools	6
C. Planning and Diagramming	3
D. Scheduling Project Software	3
E. CPM	3
F. Linear and Repetitive Tasks	3
G. Resources	6
H. Finances	3
I. Project Control	3
J. Planning	9
K. Student Project	6
L. Final Exam	

VI. Textbook(s) and/or Other Required Materials or Equipment:

- A. Fisk, E. R., Construction Project Administration, 6ed., 2000
- 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%+