Course Prefix and Number: BLD 247
Credits: 3

Course Title: Construction Planning and Scheduling

Course Description: Introduces principles of planning and scheduling of a construction project. Includes sequence of events and processes on a construction site. Studies scheduling techniques, including the critical path method. Lecture 3 hours per week.

General Course Purpose: Course indoctrinates the student to the process of creating a formal schedule of tasks required to complete a typical commercial project.

Course Prerequisites and Co-requisites: None

Course Objectives:
Upon completing the course, the student will be able to
a. Use network planning techniques (ADM and PDM) to prepare construction schedules;
b. Develop and level resource requirement histograms using the cost estimate and construction schedule;
c. Understand the implications of changing construction conditions on the management of the project; and
d. Use the computer for project management.

Major Topics to Be Included:
a. Introduction and history
b. Bar charts
c. ADM and PDM
d. Resources and leveling
e. Cost reporting
f. Control and monitoring
g. Computer applications

Effective Date of Course Content Summary: August, 2008