

COCONINO COMMUNITY COLLEGE

COURSE OUTLINE

Prepared by: Daniel Bingham
Revised by Joe Costion
Status: Permanent

Date: November 10, 1993
March 4, 2004

A. Identification:

1. Subject Area: Construction Technology Management
2. Course Number: CTM 288
3. Course Title: CONSTRUCTION SUPERVISION AND SCHEDULING
4. Credit Hours: 3
5. Catalog Description:
Function of the construction site supervisor and the process used in scheduling, pre- and post-construction, communication techniques, and documentation of records and reports. Three lecture.

B. Course Goals are MISSING:

C. Course Outcomes:

Students will:

1. Diagram a critical path for a complete job.
2. Describe the responsibilities of a construction site supervisor.
3. Describe the process of receiving a site inspection.
4. List the type of documents that would be used during a project.
5. Identify construction laws and labor regulations associated with the construction site project.
6. Develop a plan for a project that will allow for pre and post construction.
7. Develop a motivation plan for employees that will increase productivity and promote job safety.
8. Develop a plan for tracking materials and workmanship.
9. Identify problems/solutions associated with change request for a construction project.
10. Develop a comprehensive safety program for a construction project.

D. Course Content:

1. The design/construction process.
2. Responsibility.
3. Resident inspection office responsibility.
4. Documentation: records and reports.
5. Specifications and drawings.
6. Specifications in contract documents.
7. Construction laws and labor regulations.
8. Meetings and negotiations.
9. Construction safety.
10. Pre and post construction.
11. CPM fundamentals of construction management.
12. Construction materials and workmanship.
13. Project close-out.
14. Claims and disputes.
15. Change requests and extra work.