

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: BLD 101

Credits: 3

Course Title: Construction Management I

Course Description: Presents overviews of all phases of construction project management. Introduces students to philosophy, responsibilities, methodology, and techniques of the construction process. Introduces topics related to the construction and design industries, organizations, construction contracts, bidding procedures, insurance, taxes, bonding, cost accounting, business methods, including basic computer usage, safety, and general project management procedures. Lecture 3 hours per week.

General Course Purpose: Provides the student with an introduction to the principles of business management as applied to the field of building construction.

Course Prerequisites and Co-requisites:

None

Course Objectives:

Upon completing the course, the student will be able to

- a. Demonstrate an understanding of the importance of management control to the successful completion of construction projects;
- b. Develop an organized methodology in the planning and execution of a construction project; and
- c. Develop an appreciation of the importance of business management principles in building construction.

Major Topics to Be Included:

- a. Construction scheduling and planning
- b. Fundamentals of construction bidding and contract administration
- c. Cost issues of construction management
- d. Governmental regulations for construction agencies
- e. Computer applications regarding construction management
- f. Principles of contemporary business management

Effective Date of Course Content Summary: August, 2008