

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

Course Prefix and Number: ARC 121

Credits: 3

Course Title: Architectural Drafting I

Course Description: Introduces techniques of architectural drafting, including lettering, dimensioning, and symbols. Requires production of plans, sections, and elevations of a simple building. Studies use of common reference material and the organization of architectural working drawings. Requires development of a limited set of working drawings, including a site plan, related details, and pictorial drawings. Prerequisite: DRF 231 or school approval. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

General Course Purpose: An introduction to the processes of architectural design and creation of working drawings.

Course Prerequisites and Co-requisites:

Prerequisite: DRF 231 or school approval

Course Objectives:

Upon completing the course, the student will be able to

a. Produce a complete and correct set of working drawings.

Major Topics to Be Included:

- a. Architectural drafting techniques
- b. Floor plan design and convention
- c. Foundation plan design and convention
- d. Elevations
- e. Building Sections
- f. Site plan design and convention
- g. Building construction detailing

Effective Date of Course Content Summary: August, 2008