

**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