

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

Course Prefix and Number: DRF 165

Credits: 3

Course Title: Architectural Blueprint Reading

Course Description: Emphasizes reading, understanding, and interpreting standard types of architectural drawings, including plans, elevation, sections, and details. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: Course provides the student with the ability to interpret and utilize information found in a set of typical architectural working drawings. There is also some emphasis on other types of drawings--mechanical and electrical and interpretations of their meaning. The course is not currently required by the Architectural and Engineering Technology AAS degree, but, with the emphasis on increasing employment in the trades, it could easily become a part of a future CSC.

Course Prerequisites and Co-requisites:

None

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Identify the elements of construction drawings;
- b. Identify scales, symbols, and abbreviations; and
- c. Demonstrate competence in interpreting construction drawings of all types, including plans, elevations, details, mechanical, and electrical drawings.

Major Topics to Be Included:

- a. Plan elevations, abbreviations
- b. Blueprints, elevations, floor plans
- c. Site plans
- d. Building trades, electrical, and mechanical

Date Created/Updated (Month, Day, and Year): January 21, 2019