

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

Course Prefix and Number: ARC 221

Credits: 3

Course Title: Architectural CAD Applications Software I

Course Description: Teaches the principles and techniques of architectural drawing practices through the use of architecture-specific CAD software. Utilizes the commands and features of the software to generate drawings and 3D models for use in design and construction systems. Use local prerequisites. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: The primary purpose of this course will be to provide students with a foundation in the use and application of contemporary architectural design software also known as Building Information Modeling (BIM). This course serves as a requirement for the Architectural and Engineering Technology AAS - Contemporary Technology for Design and Building Construction Management Specializations. Course is also a requirement of the Computer-Aided Design Specialist CSC.

Course Prerequisites and Co-requisites: 394.5)JTJETE0.00000912 0 62 92 reW*nCEMC P M CID 0 > BDC q0.0000
None

Student Learning