ARCH 1015: Commercial Construction

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 2
Lab Hours/Week: 0
OJT Hours/Week: *
Prerequisites: None
Corequisites: None
MnTC Goals: None

Techniques for constructing light commercial to high-rise construction is this course focus. Building materials and construction methods will be covered with lecture and illustrated examples. Building systems covered are footings, foundations, masonry, steel framing, precast concrete, curtain wall, flat roof construction, hollow metal doors, aluminum window frames and moisture protection. (Prerequisites: None)(2 credits lecture/0 credits lab)

B. COURSE EFFECTIVE DATES: 03/18/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Commercial construction building materials
2. Construction building assemblies

D. LEARNING OUTCOMES (General)

1. Identify architectural contracts for design and construction.
2. Describe commercial construction foundation systems.
3. Explain commercial construction floor systems.
4. Summarize commercial construction wall systems.
5. Describe commercial construction roofing systems.
6. Explain commercial construction doors and windows.
7. Interpret Commercial construction moisture protection techniques.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted