CARP 2210: Commercial Construction 3

A. COURSE DESCRIPTION

   Credits: 2
   Lecture Hours/Week: 1
   Lab Hours/Week: 2
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   This course is designed to have students gain further knowledge of commercial building and gain knowledge of prefabricated steel buildings. (Prerequisite: CARP 2110 Commercial Construction 2) (2 credit: 1 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 02/06/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

   1. Fine tune skills with steel stud framing
   2. Learn building management systems and their relationship to door hardware
   3. Install panic bars
   4. Install closers
   5. Discover keying schedules
   6. Identify use of multiple keying types
   7. Identify uses of building access system
   8. Identify pre-planning of building management system
   9. Discover the pros and cons of pre-engineered steel buildings
  10. Discover methods of erecting steel structures
  11. Explore finishing techniques of steel buildings
  12. Explain bracing applications of pre-engineered steel structures
  13. Identify different uses for steel buildings
  14. Identify different types of steel buildings
  15. Identify roof techniques on steel structures
  16. Discover the importance of anchor bolt placement for steel structures
  17. Identify safety solutions for commercial buildings and roofs
  18. Explain what a competent person is on a construction site

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

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus
G. SPECIAL INFORMATION

None noted