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