CARP 2105: Residential Construction 3

A. COURSE DESCRIPTION

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

This course covers materials, methods, and techniques used to build stairs, railings, and spindles. Interior millwork and trims will also be discussed along with floor coverings and other interior finishes.  
(Prerequisite: CARP 1205 Residential Construction 2) (1 credit: 1 lecture/0 lab)

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand Stair Codes  
2. Understand Stair Terms  
3. Investigate Stair Building Methods  
4. Understand Stair Safety to End User  
5. Understand Use and Terminology of Interior Millwork and Applications
D. LEARNING OUTCOMES (General)
   1. Identify code issues with stairs
   2. Identify different applications for stair landings
   3. Identify rise and run
   4. Demonstrate layout of stringers
   5. Demonstrate proper cutting of stringers
   6. Demonstrate knowledge of flooring thickness in relation to stair layout
   7. Identify tread types
   8. Identify handrail and spindle types
   9. Demonstrate code knowledge of handrail and spindles
  10. Identify species of interior trims
  11. Identify custom and stock trims
  12. Demonstrate different ways to hang doors
  13. Demonstrate door issues and be able to problem solve
  14. Identify different flooring types
  15. Identify proper flooring applications
  16. Identify underlayment methods
  17. Demonstrate correct flooring techniques
  18. Demonstrate proper use of flooring tools
  19. Demonstrate cabinetry setting
  20. Identify new cabinetry installation techniques
  21. Demonstrate scribing of countertops
  22. Identify countertop installation 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