

Minnesota State College Southeast

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