

# CARPENTRY (410)

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**410-307 - Construction Measurement and Layout**

Applies trade-related measurement and layout practices to field applications. Students demonstrate use of measurement and layout tools in both lab and field applications. Discusses proper utilization of laser equipment for layout.

1 Credit hours

18 Lecture hours

18 Lab hours

**410-531 - ABC Carpentry 1**

Introduces students to safety, math, hand and power tools, various building materials, fasteners and adhesives. Must be a state-contracted apprentice to enroll in this course.

2 Credit hours

72 Lecture hours

**410-532 - ABC Carpentry 2**

Examines floor, wall and roof framing, as well as windows and exterior doors. Must be a state-contracted apprentice to enroll in this course.

(Prerequisite: 410-531 ABC Carpentry 1)

2 Credit hours

72 Lecture hours

**410-533 - ABC Carpentry 3**

Introduces the apprentice to site layout, concrete and reinforcing materials, as well as the installation of reinforced concrete, foundations and flatwork. Must be a state-contracted apprentice to enroll in this course. (Prerequisite: 410-532 ABC Carpentry 2)

2 Credit hours

72 Lecture hours

**410-534 - ABC Carpentry 4**

Explains the handling and placing of concrete and introduces the apprentice to field-built and patented-form systems. Must be a state-contracted apprentice to enroll in this course. (Prerequisite: 410-533 ABC Carpentry 3)

2 Credit hours

72 Lecture hours

**410-535 - ABC Carpentry 5**

Provides students with training in exterior finishing and roofing application, thermal and moisture protection, and basic stair construction, as well as metal studs and drywall installation and finishing. Must be a state-contracted apprentice to enroll in this course.

(Prerequisite: 410-534 ABC Carpentry 4)

2 Credit hours

72 Lecture hours

**410-536 - ABC Carpentry 6**

Introduces the apprentice to areas of interior finish work; interior doors; suspended ceilings; window, door, floor and ceiling trim; and cabinets. Must be a state-contracted apprentice to enroll in this course.

(Prerequisite: 410-535 ABC Carpentry 5)

2 Credit hours

72 Lecture hours

**410-537 - ABC Carpentry 7**

Expands the apprentice's understanding of previously studied materials through an in-depth study of advanced floor, wall, stair and roof systems. Must be a state-contracted apprentice to enroll in this course.

(Prerequisite: 410-536 ABC Carpentry 6)

2 Credit hours

72 Lecture hours

**410-538 - ABC Carpentry 8**

Introduces student to project supervision and management including organizational and people-related skills, job site organization tasks, time management, as well as introduction to metal buildings and light equipment. Must be a state-contracted apprentice to enroll in this course. (Prerequisite: 410-537 ABC Carpentry 7)

2 Credit hours

72 Lecture hours