

APR 116E : EXTERIOR/INTERIOR SPECIALIST II

Transcript title

Exterior/Interior Spec II

Credits

3

Grading mode

Standard letter grades

Total contact hours

55

Lecture hours

22

Lab hours

33

Prerequisites

APR 115.

Course Description

Provides overview of the materials and techniques used in building residential and commercial buildings, wood and steel-framed structures, masonry construction, and concrete-formed structures. Covers planning processes preceding start of work on a construction site including environmental considerations, personnel issues, access roads, traffic control, permits, site safety, utilities, and crane-related concerns.

Course learning outcomes

1. Install a building envelope system for commercial construction.
2. Apply information from commercial construction drawings.
3. Install insulation.
4. Apply pre-construction planning, site preparation, and site safety.

Content outline

1. Orientation to commercial construction: steel framing, masonry construction, concrete-formed structures.
2. Installation of building envelope components: windows, exterior doors, skylights
3. Planning procedures for site preparation: environmental concerns, access roads, traffic control, permits, site safety, utilities, crane-related concerns
4. Insulation installation in walls, floors, attics

Required materials

Textbook is required.