

**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Residential Building Materials

**Prefix and Course Number:** ARCHT 130

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- Describe the functions of various building materials
- Describe residential construction practices for foundations, floors, walls, and roofs.

**Course Outline: Residential Building materials ARCHT 130**

- I. Building Products
  - A. Concrete
  - B. Woods
  - C. Manufactured Wood Products
- II. Roofing Materials
  - A. Types of Materials
  - B. Roofing Terms
- III. Windows and Exterior Doors
  - A. Types of Windows
  - B. Types of Exterior Doors
  - C. Manufacture and Operation
- IV. Exterior Wall Finish
  - A. Cornice Design
  - B. Wall Finish Materials
  - C. Terminology
- V. Thermal and sound Insulation
  - A. How heat is Transmitted
  - B. Types of Insulation
  - C. Acoustics and sound Control
  - D. Terminology
- VI. Interior Wall and Ceiling finish
  - A. Types of Interior Wall and Ceiling Materials
  - B. Terminology
- VII. Finish flooring
  - A. Floor Materials
  - B. Terminology
- VIII. Doors and Interior Trim
  - A. Types of Interior Doors
  - B. Styles of Interior Trim