

BLDT-112 FUNDAMENTALS OF WALL FRAMING 6 CREDITS**SYLLABUS**

CATALOG DESCRIPTION

Learn to layout walls and construct exterior and interior wall sections. Students will gain a strong knowledge of all the components that go into those framed units.

Prerequisites: BLDT 120 Construction Safety

Semester Offered: Fall

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

1. Identify reasons for proper layout spacing in relation to material selection and installation.
2. Explain and demonstrate how to layout a building with chalk lines and notation.
3. Explain and demonstrate how to accurately layout wall plates for interior and exterior wall sections.

4. Explain and demonstrate how to measure, cut and assemble wall components properly.
5. Explain and demonstrate how to measure, cut and assemble window and door headers.
6. Explain and demonstrate how to plumb and brace wall sections.
7. Explain and demonstrate how to string line (straighten) walls for exterior sheathing.
8. Explain and demonstrate how to install structural wall sheathing on exterior wall sections.

GENERAL LEARNING OBJECTIVES

1. To provide the student with the knowledge and training necessary to properly frame a wall section using a variety of building products, techniques and spacing standards.