

BLDT-113 INSULATION AND DRYWALL

3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Learn about the usage and installation of insulation products and systems available for use in residential and commercial applications. Students will also learn the proper techniques used in the installation of drywall and the taping and texturing phase

Prerequisites: BLDT 120 Construction Safety

Semester Offered: Spring

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. Explain the concepts of heat transfer, moisture control and air ventilation.
2. Define the most common terms as they apply to building insulation.

3. Identify and explain the common types of insulation and where they are used in building construction.
4. Demonstrate knowledge, selection, and expertise with tools for hanging drywall.
5. Demonstrate how to properly measure, cut and install drywall using both nails and screws.
6. Demonstrate knowledge, selection, and expertise with tools for taping and texturing drywall.
7. Describe how to properly tape and texture drywall joints.

GENERAL LEARNING OBJECTIVES

1. To provide the student with the knowledge and training necessary to properly install different types of insulation, and to install and finish drywall board.