

Basic Course Information

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|------------------------------|----------------------------------------|----------------------------|----------------------------------------------------|
| Semester: | Spring 2025 | Instructor Name: | Andres Nieblas |
| Course Title & #: | Carpentry Layout & Framing BLDC 130 | Email: | Andres.nieblas@imperial.edu |
| CRN #: | 21086 | Webpage (optional): | www.imperial.edu |
| Classroom: | 3117 | Office #: | 3118 |
| Class Dates: | Feb. 10th – Jun. 6th | Office Hours: | Saturday 6:00-7:00PM |
| Class Days: | Saturday | Office Phone #: | (760)355-5758 |
| Class Times: | 8:00AM-10:05AM 10:15AM-4:45PM | Emergency Contact: | Tisha Nelson Department Secretary (760)355-6361 |
| Units: | 4 | Class Format: | Face to Face on Campus |

Course Description

This course provides instruction in building layouts and structural framing systems typical of residential construction and will include: materials, fasteners, measuring, use of tools, construction safety, and hands-on applications.

Course Prerequisite(s) and/or Corequisite(s)

Recommended Preparation BLDC 110

Student Learning Outcomes

1. Accurately will translate the framing detail from the blueprints to the bottom and top plates to erect a wall with proper rough openings.
2. Analyze a single-story floor plan to quantify the lumber necessary to erect all the exterior walls.
3. Demonstrate the ability to determine the slope of the roof using a level and a measuring tape.

Course Objectives

Upon successful completion of this course, the students will:

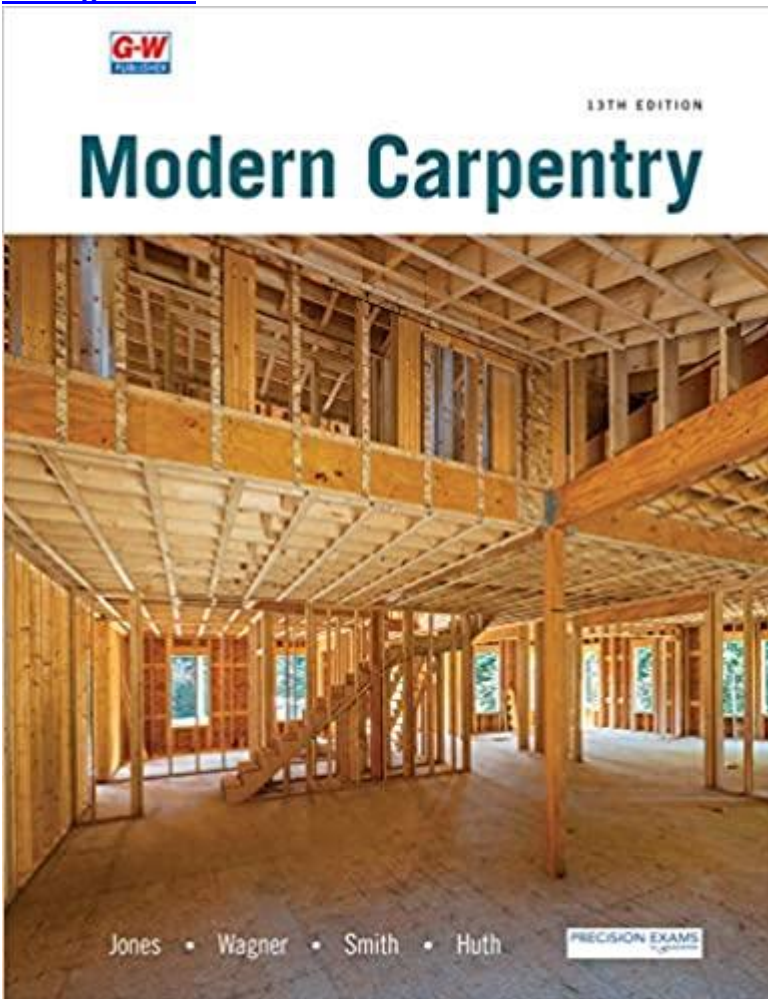
4. Demonstrate safe practices in carpentry.
5. Relate blueprint information to building layout and rough framing.
6. Identify, separate, maintain, and use common hand and power tools of the trade.
7. Identify different fasteners used in carpentry
8. Layout and construct wall sections.

9. Describe how sills, posts, fire stops, window pockets, and doorways are constructed.

Textbooks & Other Resources or Links

Modern Carpentry (13th/Edition). The Goodheart-Willcox Company, Inc. Tinley Park, IL. ISBN 13: 978- 1-64564-660-0

www.g-w.com



Course Requirements and Instructional Methods

COURSE ACTIVITIES INCLUDE, LABORATORY ASSIGNMENTS, QUIZZES, CHAPTER REVIEWS, WRITTEN EXAMS, AND READING ASSIGNMENTS.



Course Grading Based on Course Objectives

The course grade will be determined by various factors such as class participation, classroom assignments, chapter reviews & drawing project, midterm & final exams. Total class grade will be determined using a total of 1,000 points. The grading range is as follows:

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|--------------------------------|----------------|
| Class Participation/Attendance | 25% =100points |
| Laboratory (7 lab practices) | 25% =700points |
| Midterm | 25% =100points |
| Final Exam | 25% =100points |

A= 90%-100% Excellent

B= 80%-89% Good

C= 70%-79% Satisfactory

D= 60%- 69% Pass, less than satisfactory

F= 59%&Below Failing

Course Policies

Attendance, Late Assignments: Absences and tardiness provide an opportunity to miss valuable instruction presented by the instructor, guest speakers, and site administrators. Tardiness will contribute to lower scores on assignments and subsequently a lower course grade. All assignments are due on the specified completion dates and all students have the same and equal time to complete all assignments as per the course calendar. Considerations will be given to those late assignments accompanied by a written medical statement from a physician. 25% of possible points will be penalized for late work. Any assignment can be turned in prior to the due date!

• A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.

• Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceeds 3 class meetings consecutively or not may be dropped from the course. Covid-19 Related absences will be excused with proper proof of illness and medical clearance.

• Students who stop attending class are responsible to drop themselves, Students who fail to drop the course after the drop deadline will receive a failing grade.

• Deadline to drop with a "W" 11 May 2025

- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences. Required Information --Discretionary language This is where an instructor explains his/her policy on these matters. Here is some suggested language:
- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor. Consider: specifics for your class/program
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.
- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to 'cite a source' correctly, you must ask for help
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

Other Course Information

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities, please refer to the IVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762



IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

[Provide a tentative overview of the readings, assignments, tests, and/or other activities for the duration of the course. A table format as in the example below may be used for this purpose.]

| Date or Week | Activity, Assignment, and/or Topic | Pages/ Due Dates/Tests |
|--------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Week 1 | Syllabus & Class Introduction Basic Safety | Section 1 Pages 19,35,126 |
| Week 2 | Plans, Specifications and codes | Pages 126-144 |
| Week 3 | Building Materials, Estimating building Materials for wall construction and roof construction | Pages 45-59,240,269 |
| Week 4 | Framing Floor layout, Plate Layout | Pages 249-253 |
| Week 5 | Framing Detail | Pages 250-251 |
| Week 6 | Framing Rough Openings | Pages 247 |
| Week 7 | Framing Partitions and Corners | Pages 246-247 |
| Week 8 | Straightening Walls and Temporary Bracing | Pages 259 Midterm |
| Week 9 | Special and Advanced framing Techniques | Pages 259-268 |
| Week 10 | No Classes Campus Closed | Spring Recess April 1-6 No Classes |
| Week 11 | Installing Trusses and Sheeting | |
| Week 12 | Framing of Job Built Roofs | |
| Week 13 | Patio Framing | |
| Week 14 | Framing Elevations | |



IMPERIAL VALLEY COLLEGE

| Date or Week | Activity, Assignment, and/or Topic | Pages/ Due Dates/Tests |
|--------------|----------------------------------------|------------------------|
| Week 15 | Arches and Special Framing Details | |
| Week 16 | Framing Straight Edge and Wall Furring | Final |
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Holidays

February 14st Lincoln Day Observed No Class

February 17st Washington Day Observed No Class

April 20st- 26th Spring Recess No Class

May 26th Memorial Day Observed No Class

*****Subject to change without prior notice*****