

Basic Course Information

Semester:	Spring 2026	Instructor Name:	Jose Velasquez
Course Title & #:	Carpentry Layout & Framing BLDC 130	Email:	Jose.Velasqueaz@imperial.edu
CRN #:	20441	Webpage (optional):	www.imperial.edu
Classroom:	3117	Office #:	3118
Class Dates:	Feb. 12th – Jun. 7th	Office Hours:	Monday-Friday 2:30PM-3:30PM
Class Days:	Monday & Wednesday	Office Phone #:	(760)355-5758
Class Times:	8:15AM-9:20AM 9:30AM-12:40PM	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 layout and structural framing systems typical to 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 in order to erect a wall with proper rough openings.
2. Analyze a single-story floor plan to quantify the lumber necessary to erect all of 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:

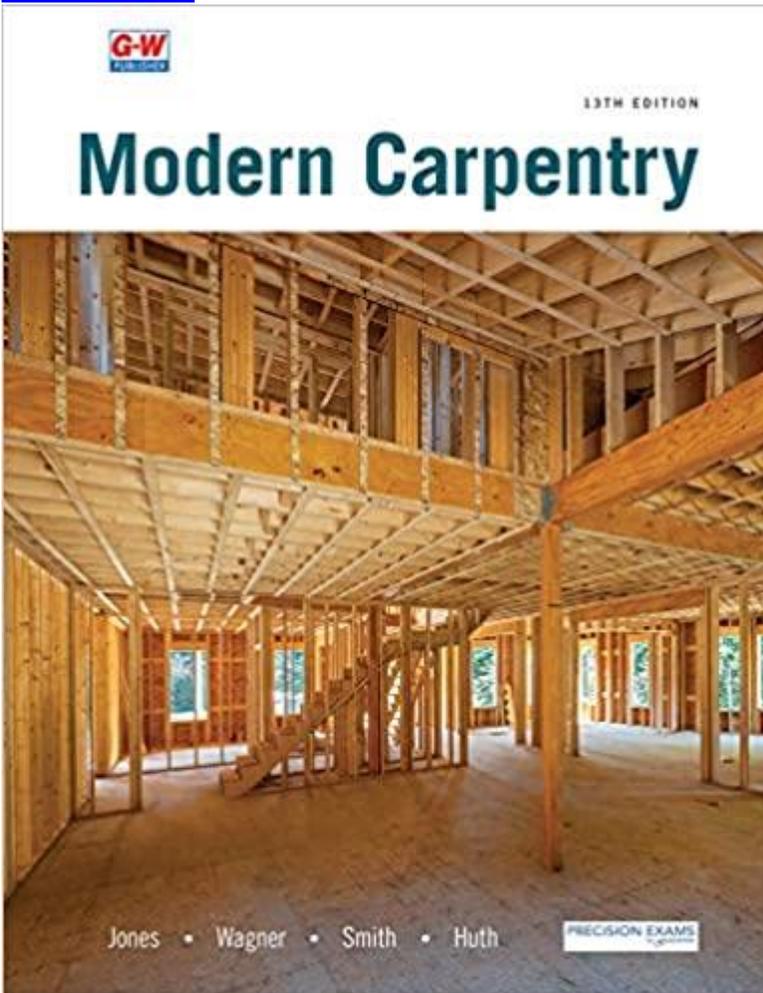
4. Demonstrate safe practices in carpentry.
5. Relate blueprint information to building layout and rough framing.
6. Identify, separate, maintain, and use common hand and power tools of the trade.
7. Identify different fasteners used in carpentry

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 determine using a total of 1,000 points. The grading range is as follows:

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" 13 May 2023

- 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 5-12 No Classes
Week 11	Installing Trusses and Sheeting	
Week 12	Framing of Job Built Roofs	
Week 13	Patio Framing	
Week 14	Framing Elevations	



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

Holidays

April 5-12th Spring Recess Observed No Class

May 25th Memorial Day Observed No Class

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