



Basic Course Information

Semester:	Spring 2023	Instructor Name:	Luis Andrade
Course Title & #:	BLDC 140	Email:	luis.andrade@imperial.edu
CRN #:	20443	Webpage (optional):	
Classroom:	3117	Office #:	
Class Dates:	02/13/23 to 06/09/23	Office Hours:	Per Appointment
Class Days:	Tue and Thr	Office Phone #:	
Class Times:	6:00 PM to 7:05 PM; 7:15 PM to 8:40 PM	Emergency Contact:	DEPARTMENT OFFICE SECRETARY (760)355-6217
Units:	3	Class Format:	Face to Face.

Course Description

This course will introduce students to construction methods and materials, the characteristics of materials, and construction processes. Methods, equipment, personnel, regulatory organizations, and safety considerations which are common factors in the construction industry will be discussed.

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

Recommended Preparation BLDC 110

Student Learning Outcomes

- 1. Demonstrate knowledge and understanding of the construction process.*
- 2. Demonstrate knowledge and understanding of following manufacturer recommendations.*
- 3. Demonstrate knowledge and understanding in the usage of different materials, techniques and finishes.*
- 4. Demonstrate knowledge and understanding of when to use different material techniques.*

Course Objectives

Upon successful completion of this course, the students will:

- 1. Demonstrate knowledge and understanding in industrial safety related to construction.*



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- 2. Demonstrate knowledge and understanding in the characteristics of materials**
 - 3. Demonstrate knowledge and understanding in construction processes**
 - 4. Demonstrate knowledge and understanding in methods, equipment, personnel, regulatory organizations**

Textbooks & Other Resources or Links

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

<https://www.g-w.com/modern-carpentry-2022>

Course Requirements and Instructional Methods

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

Course Grading Based on Course Objectives

A= 90%-100% Excellent

B= 80%-89% Good

C= 70%-79% Satisfactory

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

F= 59%&Below Failing

The course grade will be determined by various factors such, as class participation, classroom assignments, chapter reviews & drawing project, midterm & final exams. The grading range is as follows:

Class Attendance and Participation 10%

Laboratories 40%

Midterm 25%

Final Exam 25%



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 an online 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 exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.

Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

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. 4 Anyone caught



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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

<i>Week</i>	<i>Activity/ Assignment/ Topic</i>	<i>Assignment Due/ Test</i>
<i>Week 1</i>	<i>Introduction/ Safety</i>	
<i>Week 2</i>	<i>Foundation/ Concrete</i>	
<i>Week 3</i>	<i>Framing Walls</i>	
<i>Week 4</i>	<i>Framing Roofs</i>	
<i>Week 5</i>	<i>Insulation</i>	



<i>Week 6</i>	<i>Moisture Barriers/ Lath</i>	
<i>Week 7</i>	<i>Roofing Materials</i>	
<i>Week 8</i>	<i>Plumbing</i>	<i>Midterm</i>
<i>Week 9</i>	<i>Spring Break</i>	
<i>Week 10</i>	<i>Electrical</i>	
<i>Week 11</i>	<i>Drywall</i>	
<i>Week 12</i>	<i>Stucco/Siding</i>	
<i>Week 13</i>	<i>Paint</i>	
<i>Week 14</i>	<i>Finish Carpentry</i>	
<i>Week 15</i>	<i>Flooring/ Tile</i>	
<i>Week 16</i>	<i>Final Exam Week</i>	<i>Final Test</i>
<i>Week 17</i>	<i>Final Exam Week</i>	

Holidays:

February 20th Presidents Day No Class

April 10th to 15th Spring Break No Class

May 29th Memorial Day No Class

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