



Basic Course Information

Semester:	Fall 2024	Instructor Name:	Luis Andrade
Course Title & #:	BLDC 110	Email:	luis.andrade@imperial.edu
CRN #:	10403	Webpage (optional):	www.imperial.edu
Classroom:	3117	Office #:	Per appointment
Class Dates:	August 12 - December 7	Office Hours:	Per appointment
Class Days:	Tuesday & Thursday	Office Phone #:	760-355-5758
Class Times:	6:00pm-7:00pm 7:05pm-8:30pm	Emergency Contact:	760-355-6217
Units:	3.0	Class Format:	Face to Face Lab and lecture

Course Description

<https://imperial.curricunet.com/Search>

This is an introduction to construction blueprint reading and specifications, study of the methods of graphic representation of building materials, symbols, measurements, and interpretation of building codes.

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

N/A

Student Learning Outcomes <https://imperial.curricunet.com/Search>

1. Interpret Blueprints in order to generate material takeoffs and estimate labor costs and project profits. (critical thinking skills)
2. Demonstrate positive work ethics and demonstrate ability to work well with others and perform group tasks in a timely manner. (personal Responsibility)
3. Differentiate between extension and dimension lines. (critical thinking skills)



Course Objectives

[Paste in the course objectives from the COR, located at <https://imperial.curricunet.com/Search>]

Upon successful completion of this course, the students will:

- 1. Demonstrate knowledge and understanding in Drawings (the language of the industry)**
- 2. Demonstrate knowledge and understanding in reading drawings for trade information**
- 3. Demonstrate knowledge and understanding in multifamily construction drawings.**
- 4. Demonstrate knowledge and understanding in commercial construction drawings**

Textbooks & Other Resources or Links

[Describe which textbooks and/or other resources are required for the course. Be sure to include ISBN.]

Print Reading for Construction, (Residential and Commercial) Walter C. Brown, Daniel P. Dorfmueller. 8th Edition

Course Requirements and Instructional Methods

[Describe course activities, assignments, tests, homework, etc.]

Course Format will be Face to Face for Lectures and Labs.

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!



Course Grading Based on Course Objectives

Course Grade will be based on a 400point scale

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:

Chapter Reviews = 100points

Laboratory Project = 100points

Midterm = 100points

Final Exam = 100points

TOTAL POINTS = 400points

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Course Policies

- 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. **Ultimately it is the student's responsibility to drop from the course, in the event that they stop coming to class. If a student fails to come to class and fails to drop out of the course they will be awarded a Letter grade on an F, for lack of participation in the course and required lab and lecture assignments.**
- 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.
- **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 by the instructor.
- **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.
- **What is netiquette?** Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.

Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use



appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the importance of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **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 plagiarizing 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 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 are expected to have their cameras on while on instruction through ZOOM. Students without their cameras on will be counted as not present.

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and](#)



Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

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.

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- Student Health Center. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC Student Health Center at 760-355-6128 in Room 1536 for more information.

Mental Health Counseling Services. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC Mental Health Counseling Services at 760-355-6196 in Room 2109 for more information

Anticipated Class Schedule/Calendar

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1	Unit 1 Introduction to Print Reading	
Week 2	Unit 2 Construction Math and Application	
Week 3	Unit 3 Reading Measuring Tools	
Week 4	Unit 4 Lines and Symbols	HOLIDAY 9/5 NO CLASS
Week 5	Unit 5 Freehand Technical Sketching	
Week 6	Unit 6 Pictorial Drawings	
Week 7	Unit 7 Orthographic Drawings	Midterm
Week 8	Unit 8 Reading Scales and Dimensioning Drawings	
Week 9	Unit 9 Specifications	
Week 10	Unit 10 Construction Materials	



Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 11	Unit 11 Plot Plans	
Week 12	Unit 12 Foundation Prints	
Week 13	Unit 14 Commercial Framing Prints	
Week 14	Unit 15 Plumbing Prints	
Week 15	No Classes	Campus Closed Nov20-Nov25
Week 16	Unit 16 HVAC Prints	
Week 17	Final Exam	Final Exam

HOLIDAYS

- Sep 4 - Labor Day (Campus Closed)
- Nov 10 - Veterans Day (Campus Closed)
- Nov 20-21 - No Classes (Campus Open)
- Nov 22-25 - Thanksgiving (Campus Closed)
- Dec 9 - Fall Semester Classes End

ACADEMIC CALENDAR LINK BELOW:

<https://www.imperial.edu/docs/academic-calendars/11424-2023-2024-ivc-academic-calendar/file>

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