

Imperial Valley College
Industrial Technology Division
BLDC 140 Building Construction Methods & Materials
Spring 2014

Instructor: Jose Velasquez
Email- jose.velasquez@imperial.edu

Phone (760) 623-6274
355-6758 **EXT #758**
Office 2100 Bldg.

Monday 3:00pm- 4:30 pm
Tuesday 4:00pm- 6:00pm
Wednesday 3:00pm- 4:30 pm
Friday 9:00am-11:30 pm

Division Office: 10

Division Coordinator: Jose Lopez (760) 355-6361 Fax: (760) 355-6552

Units: 3

Semester: Spring 2014 January 21- May 16

Class: Monday	7:30am- 8:20am	Lecture
Wednesday	7:30am- 11:45am	Laboratory

Location: Room 1402 Tuesday
Room 1402 Thursday

I. Spring 2014 Important Dates

January 21 Classes begin. Beginning on first day each class meets, add authorization code from instructor required to register for that class, filled or open.

January 21 –February 1 Late Registration. Beginning on first day each class meets, add an authorization code from instructor required to register for that class, filled or open.

*****February 1*****

Deadline to register for full-term courses

Deadline to drop full-term classes without owing fees and/or be eligible for refund .

Deadline to select P/NP grading option for courses with that option (see section on Change Grading Options). Does not pertain to Non-credit Program courses.

February 2 Deadline to drop without course appearing on transcript (without receiving W).

Note: fees will be charged and no refunds given for courses dropped on January 29. See February 1.

February 3 Census

February 3 Ticketing for parking violations in student spaces on main campus begins.

Note: tickets are issued for reserved (faculty/staff), disabled, metered, 15-minute, and no-parking spaces year around.

February 10 Financial Aid Enrollment Freeze Date

February 14-15 Holiday- Lincoln's Birthday. No Classes

February 17 Holiday- President's Day. No Classes

February 28 Deadline to make up incomplete grade (I) granted Fall 2013.

March 26 Financial Aid Return to Title IV drop deadline

April 21 – 26 Spring Recess. No classes.

*****April 11***** Deadline to drop full-term classes

May 12 – 16 Final Examinations

May 17, 2014 Commencement Ceremony

II. 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.

III. Course Objectives

Upon successful completion of this course, the students will:

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

IV. Course instructional schedule

Week 1.	Course Introduction Basic Safety
Week 2	OSHA/Construction Safety Lab
Week 3	Framing walls Lab
Week 4	Framing roofs Lab
Week 5	HOLIDAY President's Day Roofing
Week 6	Foundations Lab
Week 7	Drywall types and uses

	Midterm
Week 8	Insulating walls & Ceilings
	Lab
Week 9	Lath installation
	Lab
Week10	Residential & commercial plastering
	Lab
Week 11	Residential Plumbing
	Lab
Week 12	Flooring
	Lab
Week13	
	Lab
Week 14	SPRING RECESS
	(April 21-26)
Week 15	Electrical wire installation
	Lab
Week 16	Permit process
	Final Exams

Grading System:

A= 90%-100%

B= 80%-89%

C= 70%-79%

D= 60%- 69%

F= 59%&Below

The course grade will be determined by various factors such, as class participation, The grading range is as follows:

Class Participation	25 %
Laboratory	25%
Midterm	25%
Final Exam	25%

SAFETY: STUDENTS ARE EXPECTED TO WEAR THEIR OWN SAFETY GLASSES DURING LAB SESSIONS. FAILURE TO WEAR SAFETY GLASSES

DURING LAB SESSIONS WILL RESULT IN DISSMISAL OF STUDENT FROM CLASS AND EACH DISSMISAL WILL BE CONSIDERED AN ABSENSE.

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!

1.Tardiness: 3 tardies = 1 absence. (I.V.C. Gen Catalog p.27) 2005-2006

2.Absences: 3 absences = automatic drop. (I.V.C.Gen. Catalog p. 27-28)2005-2006

Students will be required to wear personal protective attire such as work clothes and work shoes during the lab sessions. Eye protection will be provided by the tool room upon request. Students with sandals will not be permitted to participate in the lab sessions.

Course Text

Modern Carpentry . Wagner and Smith

V. Students with Disabilities

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Program & Services (DSP&S) office for assistance as soon as possible.

DSP&S
Room 2117
Health Sciences Building
(760) 355-6312
(syllabus and assignment dates subject to change)