

CNST 1150 – Layout and Framing

Instructor: Mrs. Melinda Schwartz
Email: mcschwartz@unm.edu
Office: WTC 1201C
Office Hours: Mondays 8:00-9:20am or by appointment

Meeting Place and Time:
 MWF 9:30am-12:00pm
 UNM-Valencia Workforce Training Center
 Classroom 1108, Lab 1112

COURSE DESCRIPTION: A study of wood form construction techniques which include methods of wall, roof and deck framing. Planning the layout of structural members is emphasized. Stress and strain on these structural members is studied in conjunction with the structural capacities of various types of wood and other materials. These courses consist of lab and classroom experiences.

COURSE STUDENT LEARNING OUTCOMES:

1. Students will understand the function of all major structural members in a home;
2. Students will understand the IRC Building Code as it applies to Residential construction;
3. Students will understand how to correctly specify Rafters for roof snow loading;
4. Students will learn “Advanced Framing” methods to build energy efficient homes;
5. Students will be able to understand how to safely build a simple residential structure.

TEXTBOOK (S): Complete Book of Framing by Scot Simpson (provided, must be turned back in at the end of the semester)

ATTENDANCE POLICY: Attendance is required and part of your final grade, there will be a sign in sheet on the front table daily, it is your responsibility to sign in. If you leave class early or arrive to class late, it will be reflected in your attendance score (unless this is due to school bus transportation issues). Students with excessive absences (more than 3 absences) will be dropped from the course. If you are not in class by the start time as designated on this syllabus, you are late. Three tardies equals one unexcused absence.

Excused absences will require a note.

GRADING POLICY:

To receive a passing grade for this course, you must score at least 70 percent in the class which is 700 points or better. Grading Scale:

970-1000 A+	930-969 A	900-929 A-
870-899 B+	830-869 B	800-829 B-
770-799 C+	730-769 C	700-729 C-
670-699 D+	630-669 D	600-629 D-
599-0 F		

Assignment	Points per assignment	Total Points
Tests	100 (4)	400
Attendance/ Participation	5 (20)	100
Final Project	500	500
Extra Credit	TBD	TBD
Total		1000

COURSE OUTLINE:

This course is in person and contains a great deal of time in the construction lab. At the end of every 2 weeks there will be an exam on the chapters covered. For the project this semester we will vote on and build the selected shed or chicken coop projects presented. Should time allow, depending on how fast the class works, we may alter said design to be more intricate or move on to a second project.

Homework: Reading assignments. Time in class will not be given for this and daily discussions/ slide shows may not cover the entirety of the chapter. Most of your time/learning will be spent hands on in the lab, therefore nightly reading and review of the chapters is required.

Exams: Exam will take place on Friday mornings. These exams will cover the chapters listed in the schedule in a multiple choice, short answer, or diagram style.

Late Work: In general, I do not accept late work. Should you be absent for an exam you will need to schedule a retake with Mrs. Schwartz, excused absences will not be marked late, however unexcused absences will result in a 10% deduction.

Extra Credit statement: Extra credit is at the discretion of the instructor and may not be offered. Should the opportunity arise, the instructor will make an announcement in class.

The following schedule is subject to change should the instructor deem it necessary.

Date	Topic	Homework/ Testing Dates/ Notes
1/21-1/23	Course introduction Chapters 1-2	No class 1/21
1/26- 1/30	Chapters 3-4	Exam 1/30 Ch. 1-4
2/2-2/6	Chapters 5-6	2/4 No class Belen half day
2/9-2/13	Chapters 7-8	Exam 2/13 Ch 5-8
2/16-2/20	Chapters 9-10	2/16 Belen no school- No class today
2/23- 2/27	Chapters 11-12	Exam Ch. 9-12 2/27
3/2-3/6	Chapters 13-14	3/4 No class Belen half day 3/6 No class- Conference
3/9-3/13	Chapters 15-16	Exam Ch. 13-16 3/13

Credit-hour statement: This is a four credit-hour course. Class meets for three 2.5-hour sessions of direct instruction for eight weeks during the Spring 2025 semester. Please plan for a minimum of eight hours of out-of-class work (or homework, study, assignment completion and class preparation) each week.

Academic Integrity and/or Plagiarism Policy:

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy: <https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic Dishonesty is defined as:

"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

ELECTRONIC DEVICE USAGE: Phone usage is not allowed in class. Phones must be on silent. If you are caught on your phone without permission, you will lose your participation point for the day. The use of cell phones while in the lab for testing is strictly prohibited. They must be silenced and placed in your backpack or on the instructor desk during testing.

Accommodations: UNM is committed to providing equitable access to learning opportunities for students with documented disabilities. As your instructor, it is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact the [UNM-Valencia Equal Access Services](#) (Sarah Clawson, Coordinator), at (505) 925-8840 or by email at sjclawson@unm.edu. Or the UNM-Albuquerque Accessibility Resource Center (<https://arc.unm.edu/>) at arcsrvs@unm.edu or by phone at 505-277-3506.

Title IX: The University of New Mexico and its faculty are committed to supporting our students and providing an environment that is free of bias, discrimination, and harassment. The University's programs and activities, including the classroom, should always provide a space of mutual respect, kindness, and support without fear of harassment, violence, or discrimination. Discrimination on the basis of sex includes discrimination on the basis of assigned sex at birth, sex characteristics, pregnancy and pregnancy related conditions, sexual orientation and gender identity. If you have encountered any form of discrimination on the basis of sex, including sexual harassment, sexual assault, stalking, domestic or dating violence, we encourage you to report this to the University. You can access the confidential resources available on campus at the LoboRESPECT Advocacy Center (<https://loborespect.unm.edu>), the Women's Resource Center (<https://women.unm.edu>), and the

LGBTQ Resource Center (<https://lgbtqrc.unm.edu>). If you speak with an instructor (including a TA or a GA) regarding an incident connected to discrimination on the basis of sex, they must notify UNM's Title IX Coordinator that you shared an experience relating to Title IX, even if you ask the instructor not to disclose it. The Title IX Coordinator is available to assist you in understanding your options and in connecting you with all possible resources on and off campus. For more information on the campus policy regarding sexual misconduct and reporting, please see <https://policy.unm.edu/university-policies/2000/2740.html> and CEEO's [website](#)

If you are pregnant or experiencing a pregnancy-related condition, you may contact UNM's Office of Compliance, Ethics, and Equal Opportunity at ceeo@unm.edu. The CEEO staff will provide you with access to available resources and supportive measures and assist you in understanding your rights.

Computer Lab Responsibility: Please be advised that use of the computer labs on UNM properties is governed by "Policy 2500: Acceptable Computer Use" which can be found at <http://policy.unm.edu/university-policies/2000/2500.html>. Food and drink are also prohibited in any computer labs on campus. Anyone violating these policies is subject to possible suspension and loss of computer lab privileges.

UNM Email/ Canvas:

Beginning Fall 2015 semester, all UNM-Valencia students will be required to have a UNM Net ID which can be created by going to: <http://it.unm.edu/accounts/>. UNM Net ID will give you access to the computer labs on campus and UNM Email. Make sure to update this information as your method of contact under personal information on Lobo Web.

