

ASEN 3712 – Fall 2023

Structures

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Office Hours*: Monday 1pm-2pm (AERO 203) and Tuesday 9am-10am (AERO N353)

* to discuss personal matters, students may request a one-to-one meeting with the instructor

Teaching Assistants: Chandra Prakash chandra.prakash@colorado.edu
Office hours: Friday 4pm-5pm, over Zoom

Dhyey Bhavsar dhyey.bhavsar@colorado.edu
Office hours: Monday 5pm-6pm, over Zoom

Panupong Chaphuphuang panupong.chaphuphuang@colorado.edu
Office hours: Tuesday 1pm-2pm, AERO 203

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Online discussion forum: Slack, asen3712-fall2023.slack.com

Note: All technical must be asked during office hours or posted on public channels in Slack first. The instructor and the TA/TFs will not reply to these questions over email or private messages on Slack and Canvas. Students are **strongly encouraged** to answer each other's questions. This is a great way to work together to solve problems, and not have to wait for an instructor or TA/TF response.

Texts: Lecture notes are posted on Canvas

Course Objectives: The main objective of the course is to introduce modern structural analysis techniques based on understanding of the development of internal forces, stresses

Solutions for all homework problems are posted on CANVAS after the due date. The homework assignments with the two lowest scores are dropped. Homework needs to be turned in by a specified due date. All homework should be submitted electronically via Gradescope; see information below. Late homework will not be accepted.

Midterms cover material discussed in the weeks prior to the exam. They provide a gauge to determine what an individual student has learned. The midterm exams are given at regular lecture hours in AERO 120. All midterm exams are closed-book, but a crib sheet is permitted. The maximum number of pages of the crib sheet will be announced separately for each midterm. No makeup exams will be offered.

The final exam spans the entire course but with additional emphasis on material covered since the last midterm.

All your scores and grades will be posted on CANVAS and need to be checked within **2 weeks** after they are posted; requests to change a score on CANVAS need to be made within this period. These requests must be made directly in Gradescope.

Graded homework is returned via Gradescope; see information below. Students should check the assignment for grading correctness and request a change of score via Gradescope if incorrect grading is found.

Midterms will be scanned and added to Gradescope. Students can request to have the paper version of the exam returned. Once they are returned, only the scanned version will be used for grading.

About Gradescope: Students will receive an email to sign up. Students will need to upload their assignment. In case of hand-written assignments, students can use a smartphone or use scanners at the CU library. Should a student not have access to either, please, contact the instructor within the first two weeks of the semester. Instructions on how to upload assignments can be found at help.gradescope.com.

Instructions on uploading assignments can be found at:

https://www.youtube.com/watch?v=KMPoby5g_nE.

Instructions on viewing scores and feedback after an assignment is graded can be found at:

https://www.youtube.com/watch?time_continue=2&v=TOHCKI12mh0.

Letter Grading Scheme:

Letter grades will be assigned as follows:

Letter	Grade Percent Grade	4.00 Scale
A	93.00 – 100.00	4.00
A-	90.00 – 92.99	3.67
B+	87.00 – 89.99	3.33
B	83.00 – 86.99	3.00
B-	80.00 – 82.99	2.67
C+	77.00 – 79.99	2.33
C	73.00 – 76.99	2.00
C-	70.00 – 72.99	1.67
D+	67.00 – 69.00	1.33

D	63.00 – 66.99	1.00
F	Below 63.00	0.00

Exam Times and Locations:

Midterm 1: Wednesday, October 11th, during lecture time

Midterm 2: Wednesday, November 29th, during lecture time

Final exam*: Wednesday December 20th, 7:30pm to 10pm

* date is not confirmed yet by CU campus and may change.

Course Policies and Procedures:

1. The instructors and TAs/TFs reserve the right to reply to email questions only in business hours and during weekdays. Emails received 24 hours or less before the exams or any due dates are not guaranteed to be responded to.
2. The instructor reserves the right to make changes to the weekly course schedule and the syllabus based on occurring events that require different dispositions. The instructor will give sufficient advanced notice through announcements in class and posting on CANVAS. Changes to this syllabus and assignments may be announced at any time during class periods. The instructor will post the current syllabus and assignments on CANVAS. Both are dated in the footnote.
3. This course exclusively uses CANVAS to send out announcements, to provide comments to students daily on class activities, and to provide general information about course assignments. It is strongly recommended that all students set up their CANVAS account such that they automatically receive a notification about new announcements and updates to the CANVAS course page.
4. Homework needs to be uploaded to Gradescope (<https://www.gradescope.com/>). Students should create an account on Gradescope using their CU Boulder email address.
5. No makeup will be offered for lecture quizzes, homework, Canvas quizzes, or exams. A zero-score is recorded for each missed lecture or Canvas quiz, homework, and exam. Note that the two homework assignments with the lowest scores are dropped. If the lowest midterm score (and only the lowest midterm score) is lower than the score of the final exam, that midterm grade is dropped, and the weighting of the final is increased by 20%.
6. **Classroom Behavior:** Students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote, or online. Failure to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation, or political philosophy. For more information, see the [classroom behavior policy](#), the [Student Code of Conduct](#), and the [Office of Institutional Equity and Compliance](#).

- 7. Requirements for Infectious Diseases:** Members of the CU Boulder community and visitors to campus must follow university, department, and building health and safety requirements and all public health orders to reduce the risk of spreading infectious diseases.

The CU Boulder campus is currently mask optional. However, if masks are again required in classrooms, students who fail to adhere to masking requirements will be asked to leave class. Students who do not leave class when asked or who refuse to comply with these requirements will be referred to Student Conduct & Conflict Resolution. Students who require accommodation because a disability prevents them from fulfilling safety measures related to infectious disease will be asked to follow the steps in the “Accommodation for Disabilities” statement on this syllabus.

For those who feel ill and think you might have COVID-19 or if you have tested positive for COVID-19, please stay home and follow the [further guidance of the Public Health Office](#). For those who have been in close contact with someone who has COVID-19 but do not have any symptoms and have not tested positive for COVID-19, you do not need to stay home.

- 8. Accommodation for Disabilities, Temporary Medical Conditions, and Medical Isolation:** [Disability Services](#) determines accommodations based on documented disabilities in the academic environment. If you qualify for accommodations because of a disability, submit your accommodation letter from Disability Services to your faculty member in a timely manner so your needs can be addressed. Contact Disability Services at 303-492-8671 or dsinfo@colorado.edu for further assistance. If you have a temporary medical condition or required medical isolation for which you require accommodation, please contact the instructors as soon as possible to discuss possible avenues. Also see [Temporary Medical Conditions](#) on the Disability Services website.
- 9. Preferred Student Names and Pronouns:** CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.
- 10. Honor Code:** All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the [Honor Code](#). Violations of the Honor Code may include but are not limited to: plagiarism (including use of paper writing services or technology [such as essay bots]), cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. All incidents of academic misconduct will be reported to Student Conduct & Conflict Resolution: honor@colorado.edu, 303-492-5550. Students found responsible for violating the [Honor Code](#) will be assigned resolution outcomes from the Student Conduct & Conflict Resolution as well as be subject to academic sanctions from the faculty member. Visit [Honor Code](#) for more information on the academic integrity policy.
- 11. Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation:** CU Boulder is committed to fostering an inclusive and welcoming learning, working, and living environment. University policy prohibits [protected-class](#) discrimination and harassment, sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, and related retaliation by or against members of our community on- and off-campus. These behaviors harm individuals and our community. The Office of Institutional Equity and Compliance (OIEC) addresses these concerns, and individuals who believe they have been subjected to misconduct can contact OIEC at 303-492-2127 or email cureport@colorado.edu. Information about university policies, [reporting options](#), and support resources can be found on the [OIEC website](#).

Even if you are just overwhelmed by your life situation, please let us know as soon as possible. We expect professional, serious, focused students, not robots. But we can only help you if you give us enough warning, and we can act when it is still possible to do so (not, say, after the solution for an assignment is posted). So, if something happens, let us know, and we will figure something out.

Let's try to have the best semester possible.