

# Course Syllabus

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 Edit

## ENGR 211 - Statics and Introduction to Engineering Mechanics

### Class Meetings

See the summary of class meetings times for all sections here: [Class Meetings by Section](https://sit.instructure.com/courses/76654/pages/class-meetings-by-section)  
(<https://sit.instructure.com/courses/76654/pages/class-meetings-by-section>)

### Course Description:

Fundamental concepts of statics including equivalent force systems, equilibrium of rigid bodies, and internal forces in trusses, frames, and machines; relationship of internal forces to stress and strain; impact of geometry and material properties on static failure modes. Axial loading and torsion. Students will explore and apply these concepts in the context of iterative design, analysis, and experimental testing in the associated Design Studio. *Prerequisites:* PEP 111

### Learning Outcomes:

1. You can determine resultants of systems of forces and moments in two-dimensional systems and solve problems of equilibrium of particles.
2. You are able to draw a free-body diagram and identify all known and unknown external forces that act on the body.
3. You are able to calculate the internal loads in trusses, frames, and machines.
4. You are able to determine the deformation of a rod under axial loading.
5. You can determine internal loads in beams including shear and bending moment diagrams, maximum shear and maximum bending moment, and their role in engineering design.
6. You can determine normal and shear stresses in a structural member subjected to axial loading, bending, and/or torsion and their role in engineering design.
7. You can perform simplified design calculations to determine the size, load, or material property required to meet a specified design criterion (e.g. maximum allowable stress).
8. You can conduct experiments, analyze data, and identify sources of error in discrepancies between the theoretical and experimental results.

## Course Materials:

All lecture notes and assignments can be found on Canvas. There are **two Canvas shells** associated with this course:

1. **ENGR 211 – Fall 2024 – All Sections.** This course shell contains all course materials and assignments that are common to all sections. All assessments and design studio projects can be found here.
2. **2024F ENGR-211-XX.** This course shell contains instructor course materials specific to your section, e.g. lecture slides.

Other required materials for the course:

- **Textbook.** [Statics & Mechanics of Materials, 6<sup>th</sup> ed.](https://www.pearson.com/en-us/subject-catalog/p/statics-and-mechanics-of-materials/P200000008861/9780138124069) [↗](https://www.pearson.com/en-us/subject-catalog/p/statics-and-mechanics-of-materials/P200000008861/9780138124069) (https://www.pearson.com/en-us/subject-catalog/p/statics-and-mechanics-of-materials/P200000008861/9780138124069) / R.C. Hibbeler / Pearson, 2023 / ISBN-13: 9780138124069 (eText)
- **Software.** SolidWorks (2022-2023) and Microsoft Excel. All software is available on [Stevens AppSpace](https://stevens.apporto.com/) [↗](https://stevens.apporto.com/) (https://stevens.apporto.com/) (hosted by Apporto). Software is available for download also – Windows OS required for SolidWorks.

## Class Format:

Our lecture classes will be used to deliver content and work through practice problems. Design studios will feature hands-on experiments, computer-based assignments, and group-based project work time.

**Please bring your laptop to design studio each week.**

## Course Assessment:

Design Studio Projects	30%	(Projects @ 15%, Final Design Project @ 15%)
Study Sets (Homework)	5%	
Self Tests (Quizzes)	15%	
Exams (3 total)	30%	(3 exams @ 10% each)
Final Exam (cumulative)	20%	

## Study Sets:

Study sets are homework problems that will be assigned each week, generally due on Mondays at 11:59 PM. These assignments are sets of study problems that are designed to help you learn the topics of the

week and give you the space to learn from your mistakes. **Study sets are graded entirely on completion (not accuracy), so it is your responsibility to review the posted solutions to check your work.** Make the effort to really understand the concepts behind the computations - and ask a lot of questions!

Solutions will be posted immediately following the deadline. For this reason, **no late homework will be accepted.**

*Want extra practice?* If you are having some difficulty doing the study problem exercises, consider doing the associated [fundamental problems \(https://my.sharepoint.com/:f/g/personal/mkwan\\_stevens\\_edu/EueKiCFJFtpOlgYifJsRIVgBLsrKHpr83PvqprBa7ZSde-INkoJy\)](https://my.sharepoint.com/:f/g/personal/mkwan_stevens_edu/EueKiCFJFtpOlgYifJsRIVgBLsrKHpr83PvqprBa7ZSde-INkoJy) as warm-ups first. These are simpler problems that are designed to help you build essential skills before doing more complex problems.

## Self Tests:

Each week, you will complete two short quizzes on Canvas designed to help you assess your comprehension of the weekly topics, one quiz containing conceptual questions and another quiz containing a problem to solve. You will be allowed 5 attempts on each quiz. Your highest score will be counted. **Quizzes are due on Wednesdays by 11:59pm** (except for certain weeks as marked on the schedule).

We recommend that you complete the study set problems BEFORE attempting the associated self-test. You are expected to complete the quizzes **individually** (to test your OWN knowledge), **BUT** you are strongly encouraged to review your notes or reach out to your instructor **between attempts**, especially if you're not sure what is going wrong. After all, the self-tests are meant to help you learn and check your understanding.

## Exams:

There will be 3 exams that are held in-person during the designated quiz period, **Mondays 5-6 PM**. Exam dates are noted on the course schedule. Room assignments are TBD.

Make-up exams will be given only for medical reasons or prior arrangement with the instructor.

### Exam Policies:

You are expected to do your own individual work. All exams are closed book and closed notes, but an equation sheet will be provided for each exam. These equation sheets will be available on Canvas for review well before the exam.

You must show all work to receive full credit. This includes drawing complete and clear free-body diagrams when applicable.

## Design Studio Projects:

You will gain hands-on experience with various types of loads and stresses in different physical systems through several design studio projects. You will also use engineering analysis tools, such as SolidWorks and Microsoft Excel. These projects are designed to be completed during the studio class time. **Design studios will begin Wednesday, September 4<sup>th</sup>.**

## Final Design Project:

The design studio will culminate in a 6-week design project. You will work in teams to design, model and analyze a structure using the concepts learned and technical skills gained over the course of the semester. A final report and a final presentation will be submitted at the end of the semester. Further project details will be discussed in class.

## Grading Scale (Updated 12/11/2024):

The **approximate** grading scale applied in this course is below:

92 : **A**,    89 : **A-**,    86 : **B+**,    82 : **B**,    78 : **B-**,    74 : **C+**,    70 : **C**,    65 : **C-**,    60 : **D+**,    55 : **D**

A small curve may be applied at the discretion of the instructor.


## Late Policy:

Assignments should be submitted by the due date, as posted on Canvas. Late assignments will be subject to a late penalty of -10% per day. *Note:* This policy does NOT apply to study set assignments.

Extensions may be granted for students who cannot complete the assignment on time due to circumstances beyond their control. Proper documentation (e.g. doctor's note) should be submitted for extension requests.

**If you are unable to attend class, please inform your instructor or TA. You are expected to make up any missed work due to your absence, including excused absences.**

## Course Schedule:


A tentative [course schedule](https://stevens0-my.sharepoint.com/:b:/g/personal/mkwan_stevens_edu/EYsT3OVK2lVDobMRF78hnFkB70yDbYXN2RL6rod4lg?e=NqBa34)  ([https://stevens0-my.sharepoint.com/:b:/g/personal/mkwan\\_stevens\\_edu/EYsT3OVK2lVDobMRF78hnFkB70yDbYXN2RL6rod4lg?e=NqBa34](https://stevens0-my.sharepoint.com/:b:/g/personal/mkwan_stevens_edu/EYsT3OVK2lVDobMRF78hnFkB70yDbYXN2RL6rod4lg?e=NqBa34)) is posted on Canvas. Students will be notified of any changes.

## Extra Guidance & Helpdesk Hours:

Have a question? Start a discussion on Canvas! You can also come to my office hours, or feel free to email me about any questions or concerns. Please include the course number (**ENGR 211**) in the email subject line. See [Contact Information \(https://sit.instructure.com/courses/76654/pages/contact-information\)](https://sit.instructure.com/courses/76654/pages/contact-information).


Teaching Assistants (TAs) and Lab Assistants (LAs) will hold regular helpdesk hours in the evenings. See [Contact Information \(https://sit.instructure.com/courses/76654/pages/contact-information\)](https://sit.instructure.com/courses/76654/pages/contact-information) for more information.

## Academic Integrity:

Enrollment into the undergraduate class of Stevens Institute of Technology signifies a student's commitment to the Honor System. Accordingly, the provisions of the Stevens Honor System apply to all undergraduate students in coursework and Honor Board proceedings. It is the responsibility of each student to become acquainted with and to uphold the ideals set forth in the Honor System Constitution. More information about the Honor System including the constitution, bylaws, investigative procedures, and the penalty matrix can be found online at <https://web.stevens.edu/honor>  (<https://web.stevens.edu/honor>).


The following pledge shall be written in full and signed by every student on all submitted work (including, but not limited to, homework, projects, lab reports, code, quizzes and exams) that is assigned by the course instructor. No work shall be graded unless the pledge is written in full and signed.

***“I pledge my honor that I have abided by the Stevens Honor System.”***

Students who believe a violation of the Honor System has been committed should report it within ten business days of the suspected violation. Students have the option to remain anonymous and can report violations online at <https://web.stevens.edu/honor>  (<https://web.stevens.edu/honor>).

## Learning Accommodations:

Stevens Institute of Technology is dedicated to providing appropriate accommodations to students with documented disabilities. The Office of Disability Services (ODS) works with undergraduate and graduate students with learning disabilities, attention deficit-hyperactivity disorders, physical disabilities, sensory impairments, psychiatric disorders, and other such disabilities in order to help students achieve their academic and personal potential. They facilitate equal access to the educational programs and opportunities offered at Stevens and coordinate reasonable accommodations for eligible students. These services are designed to encourage independence and self-advocacy with support from the ODS staff. The ODS staff will facilitate the provision of accommodations on a case-by-case basis.

For more information about Disability Services and the process to receive accommodations, visit <https://www.stevens.edu/student-diversity-and-inclusion/disability-services>  (<https://www.stevens.edu/student-diversity-and-inclusion/disability-services>). If you have any questions please contact the Office of Disability Services at [disabilityservices@stevens.edu](mailto:disabilityservices@stevens.edu) (<mailto:disabilityservices@stevens.edu>) or by phone: 201.216.3748.

## Disability Services Confidentiality Policy

Student Disability Files are kept separate from academic files and are stored in a secure location within the Office of Disability Services. The Family Educational Rights Privacy Act (FERPA, 20 U.S.C. 1232g; 34CFR, Part 99) regulates disclosure of disability documentation and records maintained by Stevens Disability Services. According to this act, prior written consent by the student is required before our Disability Services office may release disability documentation or records to anyone. An exception is made in unusual circumstances, such as the case of health and safety emergencies.

## Inclusivity:

Stevens Institute of Technology believes that diversity and inclusiveness are essential to excellence in academic discourse and innovation. In this class, the perspective of people of all races, ethnicities, gender expressions and gender identities, religions, sexual orientations, disabilities, socioeconomic backgrounds, and nationalities will be respected and viewed as a resource and benefit throughout the semester. Suggestions to further diversify class materials and assignments are encouraged. If any course meetings conflict with your religious events, please do not hesitate to reach out to your instructor to make alternative arrangements.

You are expected to treat your instructor and all other participants in the course with courtesy and respect. Disrespectful conduct and harassing statements will not be tolerated and may result in disciplinary actions.

## Name and Pronoun Usage


As this course includes group work and class discussion, it is vitally important for us to create an educational environment of inclusion and mutual respect. This includes the ability for all students to have their chosen gender pronoun(s) and chosen name affirmed. If the class roster does not align with your pronouns and/or name, please inform the instructor of the necessary changes.

## Religious Holidays

Stevens is a diverse community that is committed to providing equitable educational opportunities and supporting students of all ethnicities and belief systems. Religious observance is an essential reflection of that rich diversity. Students will not be subject to any grade penalties for missing a class, examination, or any other course requirement due to religious observance. In addition, students will not be asked to choose between religious observance and academic work. Therefore, students should inform the

instructor at the beginning of the semester if a requirement for this course conflicts with religious observance so that accommodations can be made for students to observe religious practices and complete the requirements for the course.

## Mental Health Resources

Part of being successful in the classroom involves a focus on your whole self, including your mental health. While you are at Stevens, there are many resources to promote and support mental health. The Office of Counseling and Psychological Services (CAPS) offers free and confidential services to all enrolled students who are struggling to cope with personal issues (e.g., difficulty adjusting to college or trouble managing stress) or psychological difficulties (e.g., anxiety and depression). Appointments can be made by phone (201-216-5177), online at <https://stevensportal.pointnclick.com/confirm.aspx>  (<https://stevensportal.pointnclick.com/confirm.aspx>), or in person on the 2<sup>nd</sup> Floor of the Student Wellness Center.

## Emergency Information










In the event of an urgent or emergent concern about your own safety or the safety of someone else in the Stevens community, please immediately call the Stevens Campus Police at 201-216-5105 or on their emergency line at 201-216-3911. These phone lines are staffed 24/7, year-round. For students who do not reside near the campus and require emergency support, please contact your local emergency response providers at 911 or via your local police precinct. Other 24/7 national resources for students dealing with mental health crises include the National Suicide Prevention Lifeline (1-800-273-8255) and the Crisis Text Line (text “Home” to 741-741). If you are concerned about the wellbeing of another Stevens student, and the matter is *not* urgent or time sensitive, please email the CARE Team at [care@stevens.edu](mailto:care@stevens.edu) (<mailto:care@stevens.edu>). A member of the CARE Team will respond to your concern as soon as possible.










## Course Summary:











Date	Details	Due
Mon Sep 9, 2024	 <a href="#">Study Set #1 - Force Vectors</a> ( <a href="https://sit.instructure.com/courses/76654/assignments/515660">https://sit.instructure.com/courses/76654/assignments/515660</a> )	due by 11:59pm











Date	Details	Due
Wed Sep 11, 2024	 <a href="#">Self-Test #1B - Force Vectors - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515697">https://sit.instructure.com/courses/76654/assignments/515697</a>	due by 11:59pm
Mon Sep 16, 2024	 <a href="#">Study Set #2 - Moment of a Force</a> <a href="https://sit.instructure.com/courses/76654/assignments/515668">https://sit.instructure.com/courses/76654/assignments/515668</a>	due by 11:59pm
	 <a href="#">2. Moments of Forces - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a> (H - Xu)	due by 11:59pm
	 <a href="#">2. Moments of Forces - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a> (J - Fontaine)	due by 11:59pm
Wed Sep 18, 2024	 <a href="#">Self-Test #1B - Force Vectors - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515698">https://sit.instructure.com/courses/76654/assignments/515698</a>	due by 11:59pm
	 <a href="#">Self-Test #2A - Moment of a Force - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515699">https://sit.instructure.com/courses/76654/assignments/515699</a>	due by 11:59pm
	 <a href="#">Self-Test #2B - Moment of a Force - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515700">https://sit.instructure.com/courses/76654/assignments/515700</a>	due by 11:59pm
Fri Sep 20, 2024	 <a href="#">2. Moments of Forces - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a> (D - Sugino)	due by 11:59pm
	 <a href="#">2. Moments of Forces - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a> (K - Shi)	due by 11:59pm
	 <a href="#">2. Moments of Forces - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a> (E - Vallabh)	due by 11:59pm























Date	Details	Due
	 <a href="#"><u>2. Moments of Forces - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">(<a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a>)</a> (M - Billapati)	due by 11:59pm
Mon Sep 23, 2024	 <a href="#"><u>2. Moments of Forces - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515671">(<a href="https://sit.instructure.com/courses/76654/assignments/515671">https://sit.instructure.com/courses/76654/assignments/515671</a>)</a>	due by 11:59pm
	 <a href="#"><u>Study Set #3 - Couples, Equivalent Forces</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515650">(<a href="https://sit.instructure.com/courses/76654/assignments/515650">https://sit.instructure.com/courses/76654/assignments/515650</a>)</a>	due by 11:59pm
Wed Sep 25, 2024	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">(<a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a>)</a> (H - Xu)	due by 11:59pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">(<a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a>)</a> (J - Fontaine)	due by 11:59pm
	 <a href="#"><u>Self-Test #2B - Moment of a Force - Problem Solving - RETAKE</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515701">(<a href="https://sit.instructure.com/courses/76654/assignments/515701">https://sit.instructure.com/courses/76654/assignments/515701</a>)</a>	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">(<a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a>)</a> (H - Xu)	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">(<a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a>)</a> (J - Fontaine)	due by 11:59pm
	 <a href="#"><u>Self-Test #3A - Couples, Equivalent Systems - Conceptual</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515702">(<a href="https://sit.instructure.com/courses/76654/assignments/515702">https://sit.instructure.com/courses/76654/assignments/515702</a>)</a>	due by 11:59pm

Date	Details	Due
	 <a href="#"><u>Self-Test #3B - Couples, Equivalent Systems - Problem Solving</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515703">https://sit.instructure.com/courses/76654/assignments/515703</a>	due by 11:59pm
Fri Sep 27, 2024	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (D - Sugino)	due by 11:59pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (K - Shi)	due by 11:59pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (E - Vallabh)	due by 11:59pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (M - Billapati)	due by 11:59pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (5 students)	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (D - Sugino)	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (K - Shi)	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (E - Vallabh)	due by 11:59pm









Date	Details	Due
Sun Sep 29, 2024	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (M - Billapati)	due by 11:59pm
	 <a href="#">1. SolidWorks Refresher - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (1 student)	due by 11:59pm
Mon Sep 30, 2024	 <a href="#">Exam 1</a> <a href="https://sit.instructure.com/courses/76654/assignments/515679">https://sit.instructure.com/courses/76654/assignments/515679</a>	due by 5pm
	 <a href="#">EXAM 1</a> <a href="https://sit.instructure.com/courses/76654/assignments/537202">https://sit.instructure.com/courses/76654/assignments/537202</a>	due by 5pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (C - Acar)	due by 11:59pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (G - Vallabh)	due by 11:59pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (B - Shi)	due by 11:59pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (F - Billapati)	due by 11:59pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (A - Acar)	due by 11:59pm
	 <a href="#">1. SolidWorks Refresher - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a>	due by 11:59pm

Date	Details	Due
Tue Oct 1, 2024	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (2 students)	due by 11:59pm
	 <a href="#"><u>3. Mobile Project - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a> (1 student)	due by 11:59pm
Wed Oct 2, 2024	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a> (H - Xu)	due by 11:59pm
	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a> (J - Fontaine)	due by 11:59pm
	 <a href="#"><u>Study Set #4 - Free Body Diagrams</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515669">https://sit.instructure.com/courses/76654/assignments/515669</a>	due by 11:59pm
Fri Oct 4, 2024	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a> (3 students)	due by 11:59pm
	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a> (D - Sugino)	due by 11:59pm
	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a> (K - Shi)	due by 11:59pm
	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a> (E - Vallabh)	due by 11:59pm
	 <a href="#"><u>4. Supports and FBDs - Individual Submission</u></a>	due by 11:59pm



Date	Details	Due
	<a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (M - Billapati)	
	 <a href="#">Self-Test #3B - Couples, Equivalent Systems - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515704">(<a href="https://sit.instructure.com/courses/76654/assignments/515704">https://sit.instructure.com/courses/76654/assignments/515704</a>)</a>	due by 11:59pm
	 <a href="#">Self-Test #4 - Free Body Diagrams - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515705">(<a href="https://sit.instructure.com/courses/76654/assignments/515705">https://sit.instructure.com/courses/76654/assignments/515705</a>)</a>	due by 11:59pm
	 <a href="#">3. Mobile Project - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515672">(<a href="https://sit.instructure.com/courses/76654/assignments/515672">https://sit.instructure.com/courses/76654/assignments/515672</a>)</a> (5 students)	due by 11:59pm
	 <a href="#">4. Supports and FBDs - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (F - Billapati)	due by 11:59pm
	 <a href="#">4. Supports and FBDs - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (A - Acar)	due by 11:59pm
Mon Oct 7, 2024	 <a href="#">4. Supports and FBDs - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (B - Shi)	due by 11:59pm
	 <a href="#">4. Supports and FBDs - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (C - Acar)	due by 11:59pm
	 <a href="#">4. Supports and FBDs - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515673">(<a href="https://sit.instructure.com/courses/76654/assignments/515673">https://sit.instructure.com/courses/76654/assignments/515673</a>)</a> (G - Vallabh)	due by 11:59pm
	 <a href="#">Study Set #5 - Equilibrium of Rigid Bodies</a> <a href="https://sit.instructure.com/courses/76654/assignments/515652">(<a href="https://sit.instructure.com/courses/76654/assignments/515652">https://sit.instructure.com/courses/76654/assignments/515652</a>)</a>	due by 11:59pm










Date	Details	Due
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (H - Xu)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (J - Fontaine)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a>	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission -- NOT THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/515674">https://sit.instructure.com/courses/76654/assignments/515674</a>	due by 11:59pm
Wed Oct 9, 2024	 <a href="#">Self-Test #5 - Rigid Body Equilibrium - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515706">https://sit.instructure.com/courses/76654/assignments/515706</a>	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (Gantry Group 10)	due by 11:59pm
Thu Oct 10, 2024	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (Gantry Group 19)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (E - Vallabh)	due by 11:59pm
Fri Oct 11, 2024	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (D - Sugino)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a>	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a>	due by 11:59pm











Date	Details	Due
	(K - Shi)	
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (M - Billapati)	due by 11:59pm
Sat Oct 12, 2024	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (Gantry Group 64)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (A - Acar)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (B - Shi)	due by 11:59pm
Tue Oct 15, 2024	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (C - Acar)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (F - Billapati)	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (G - Vallabh)	due by 11:59pm
Wed Oct 16, 2024	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (H - Xu)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a>	due by 11:59pm











Date	Details	Due
	(J - Fontaine)	
	 <a href="#">Study Set #6 - More Equilibrium, Dry Friction</a> <a href="https://sit.instructure.com/courses/76654/assignments/515663">https://sit.instructure.com/courses/76654/assignments/515663</a>	due by 11:59pm
	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (Gantry Group 95)	due by 11:59pm
Thu Oct 17, 2024	 <a href="#">5. Gantry Project - Group Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515675">https://sit.instructure.com/courses/76654/assignments/515675</a> (Gantry Group 88)	due by 11:59pm
Fri Oct 18, 2024	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (D - Sugino)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (E - Vallabh)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (K - Shi)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (M - Billapati)	due by 11:59pm
	 <a href="#">Self-Test #5 - Rigid Body Equilibrium - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515707">https://sit.instructure.com/courses/76654/assignments/515707</a> (Q5 retake)	due by 11:59pm















Date	Details	Due
	 <a href="#">Self-Test #6 - Dry Friction - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515708">https://sit.instructure.com/courses/76654/assignments/515708</a>	due by 11:59pm
Sat Oct 19, 2024	 <a href="#">Self-Test #5 - Rigid Body Equilibrium - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515707">https://sit.instructure.com/courses/76654/assignments/515707</a> (1 student)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (F - Billapati)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (C - Acar)	due by 11:59pm
Mon Oct 21, 2024	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (A - Acar)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (B - Shi)	due by 11:59pm
	 <a href="#">6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (G - Vallabh)	due by 11:59pm
	 <a href="#">Study Set #7 - Trusses</a> <a href="https://sit.instructure.com/courses/76654/assignments/515661">https://sit.instructure.com/courses/76654/assignments/515661</a>	due by 11:59pm
Wed Oct 23, 2024	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a>	due by 11:59pm











Date	Details	Due
	(H - Xu)	
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (J - Fontaine)	due by 11:59pm
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a>	due by 11:59pm
	 <a href="#">Self-Test #7A - Trusses - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515709">https://sit.instructure.com/courses/76654/assignments/515709</a>	due by 11:59pm
	 <a href="#">Self-Test #7B - Trusses - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515710">https://sit.instructure.com/courses/76654/assignments/515710</a>	due by 11:59pm
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (1 student)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (H - Xu)	due by 11:59pm
Thu Oct 24, 2024	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (J - Fontaine)	due by 11:59pm
	 <a href="#">Self-Test #7B - Trusses - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515710">https://sit.instructure.com/courses/76654/assignments/515710</a> (1 student)	due by 11:59pm
Fri Oct 25, 2024	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (E - Vallabh)	due by 11:59pm











Date	Details	Due
Sat Oct 26, 2024	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (K - Shi)	due by 11:59pm
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (M - Billapati)	due by 11:59pm
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (D - Sugino)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (D - Sugino)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (M - Billapati)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (K - Shi)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a> (E - Vallabh)	due by 11:59pm
	 <a href="#">Exam 2</a> <a href="https://sit.instructure.com/courses/76654/assignments/515680">https://sit.instructure.com/courses/76654/assignments/515680</a>	due by 5pm
	 <a href="#">Exam 2</a> <a href="https://sit.instructure.com/courses/76654/assignments/536333">https://sit.instructure.com/courses/76654/assignments/536333</a>	due by 5pm
	 <a href="#">EXAM 2</a> <a href="https://sit.instructure.com/courses/76654/assignments/540382">https://sit.instructure.com/courses/76654/assignments/540382</a>	due by 5pm

Date	Details	Due
	 <a href="#"><u>6. Ethics Case Study - Group Submission - SUBMIT TO THIS ONE!</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/537411">https://sit.instructure.com/courses/76654/assignments/537411</a> (1 student)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (A - Acar)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (B - Shi)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (G - Vallabh)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (C - Acar)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (F - Billapati)	due by 11:59pm
	 <a href="#"><u>7. Truss Simulation and Build - Individual Submission</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a> (1 student)	due by 11:59pm
	 <a href="#"><u>Team Formation</u></a> <a href="https://sit.instructure.com/courses/76654/assignments/515667">https://sit.instructure.com/courses/76654/assignments/515667</a>	due by 11:59pm
Tue Oct 29, 2024	 <a href="#"><u>ENGR 211 - Office Hours</u></a> <a href="https://sit.instructure.com/calendar?event_id=362783&amp;include_contexts=course_76654">https://sit.instructure.com/calendar?event_id=362783&amp;include_contexts=course_76654</a>	5pm to 8pm
	 <a href="#"><u>1. SolidWorks Refresher - Individual Submission</u></a>	due by 11:59pm












Date	Details	Due
	<a href="https://sit.instructure.com/courses/76654/assignments/515670">(<a href="https://sit.instructure.com/courses/76654/assignments/515670">https://sit.instructure.com/courses/76654/assignments/515670</a>)</a> (2 students)	
	 <a href="#">7. Truss Simulation and Build - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515676">(<a href="https://sit.instructure.com/courses/76654/assignments/515676">https://sit.instructure.com/courses/76654/assignments/515676</a>)</a> (2 students)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">(<a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a>)</a> (F - Billapati)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">(<a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a>)</a> (A - Acar)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">(<a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a>)</a> (B - Shi)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">(<a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a>)</a> (C - Acar)	due by 11:59pm
	 <a href="#">Proposal Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515688">(<a href="https://sit.instructure.com/courses/76654/assignments/515688">https://sit.instructure.com/courses/76654/assignments/515688</a>)</a> (G - Vallabh)	due by 11:59pm
Wed Oct 30, 2024	 <a href="#">Self-Test #7B - Trusses - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515711">(<a href="https://sit.instructure.com/courses/76654/assignments/515711">https://sit.instructure.com/courses/76654/assignments/515711</a>)</a>	due by 11:59pm
	 <a href="#">Study Set #8 - Frames and Machines</a> <a href="https://sit.instructure.com/courses/76654/assignments/515654">(<a href="https://sit.instructure.com/courses/76654/assignments/515654">https://sit.instructure.com/courses/76654/assignments/515654</a>)</a>	due by 11:59pm
Fri Nov 1, 2024	 <a href="#">Self-Test #8 - Frames - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515712">(<a href="https://sit.instructure.com/courses/76654/assignments/515712">https://sit.instructure.com/courses/76654/assignments/515712</a>)</a>	due by 11:59pm
Mon Nov 4, 2024	 <a href="#">Study Set #9 - Internal Loadings</a> <a href="https://sit.instructure.com/courses/76654/assignments/515665">(<a href="https://sit.instructure.com/courses/76654/assignments/515665">https://sit.instructure.com/courses/76654/assignments/515665</a>)</a>	due by 11:59pm











Date	Details	Due
Wed Nov 6, 2024	 <a href="#">Self-Test #9 - Frames - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515713">https://sit.instructure.com/courses/76654/assignments/515713</a>	due by 11:59pm
Mon Nov 11, 2024	 <a href="#">Study Set #10 - Normal Stress and Normal Strain</a> <a href="https://sit.instructure.com/courses/76654/assignments/515655">https://sit.instructure.com/courses/76654/assignments/515655</a>	due by 11:59pm
Wed Nov 13, 2024	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (H - Xu)	due by 11:59pm
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (J - Fontaine)	due by 11:59pm
	 <a href="#">Self-Test #10A - Normal Stress &amp; Normal Strain - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515689">https://sit.instructure.com/courses/76654/assignments/515689</a>	due by 11:59pm
	 <a href="#">Self-Test #10B - Normal Stress &amp; Normal Strain - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515690">https://sit.instructure.com/courses/76654/assignments/515690</a>	due by 11:59pm
Thu Nov 14, 2024	 <a href="#">Self-Test #10A - Normal Stress &amp; Normal Strain - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515689">https://sit.instructure.com/courses/76654/assignments/515689</a> (1 student)	due by 11:59pm
	 <a href="#">Self-Test #10B - Normal Stress &amp; Normal Strain - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515690">https://sit.instructure.com/courses/76654/assignments/515690</a> (1 student)	due by 11:59pm
Fri Nov 15, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (D - Sugino)	due by 11:59pm
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (K - Shi)	due by 11:59pm











Date	Details	Due
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (E - Vallabh)	due by 11:59pm
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (M - Billapati)	due by 11:59pm
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (H - Xu)	due by 11:59pm
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (J - Fontaine)	due by 11:59pm
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (E - Vallabh)	due by 11:59pm
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (M - Billapati)	due by 11:59pm
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (D - Sugino)	due by 11:59pm
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> (K - Shi)	due by 11:59pm
Sat Nov 16, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (6 students)	due by 11:59pm
Sun Nov 17, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (4 students)	due by 11:59pm












Date	Details	Due
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (Best Project Group 68)	
Mon Nov 18, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (A - Acar)	
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (B - Shi)	
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (C - Acar)	
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (F - Billapati)	
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (G - Vallabh)	
	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> due by 11:59pm (3 students)	
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (F - Billapati)	
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (A - Acar)	
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (B - Shi)	
























Date	Details	Due
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (C - Acar)	
	 <a href="#">Progress Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515687">https://sit.instructure.com/courses/76654/assignments/515687</a> due by 11:59pm (G - Vallabh)	
	 <a href="#">Self-Test #9 - Frames - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515714">https://sit.instructure.com/courses/76654/assignments/515714</a>	due by 11:59pm
	 <a href="#">Study Set #11 - Shear Stress, Allowable Stress</a> <a href="https://sit.instructure.com/courses/76654/assignments/515666">https://sit.instructure.com/courses/76654/assignments/515666</a>	due by 11:59pm
Wed Nov 20, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (3 students)	due by 11:59pm
	 <a href="#">Self-Test #10B - Normal Stress &amp; Normal Strain - Problem Solving - RETAKE</a> <a href="https://sit.instructure.com/courses/76654/assignments/515691">https://sit.instructure.com/courses/76654/assignments/515691</a>	due by 11:59pm
	 <a href="#">Self-Test #11 - Shear Stress &amp; Allowable Stress - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515692">https://sit.instructure.com/courses/76654/assignments/515692</a>	due by 11:59pm
Thu Nov 21, 2024	 <a href="#">8. Tensile Test - Individual Submission</a> <a href="https://sit.instructure.com/courses/76654/assignments/515677">https://sit.instructure.com/courses/76654/assignments/515677</a> (3 students)	due by 11:59pm
Mon Nov 25, 2024	 <a href="#">Exam 3</a> <a href="https://sit.instructure.com/courses/76654/assignments/515681">https://sit.instructure.com/courses/76654/assignments/515681</a>	due by 5pm
	 <a href="#">Exam 3</a> <a href="https://sit.instructure.com/courses/76654/assignments/536334">https://sit.instructure.com/courses/76654/assignments/536334</a>	due by 5pm
	 <a href="#">EXAM 3</a> <a href="https://sit.instructure.com/courses/76654/assignments/551751">https://sit.instructure.com/courses/76654/assignments/551751</a>	due by 5pm

Date	Details	Due
Mon Dec 2, 2024	 <a href="#">Peer Assessment - Final</a> <a href="#">Project Check-in #1</a> <a href="https://sit.instructure.com/courses/76654/assignments/515656">https://sit.instructure.com/courses/76654/assignments/515656</a>	due by 11:59pm
	 <a href="#">Study Set #12 - Shear Force &amp; Bending Moment Diagrams</a> <a href="https://sit.instructure.com/courses/76654/assignments/515649">https://sit.instructure.com/courses/76654/assignments/515649</a>	due by 11:59pm
Wed Dec 4, 2024	 <a href="#">Self-Test #12 - Shear Force &amp; Bending Moment Diagrams - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515693">https://sit.instructure.com/courses/76654/assignments/515693</a>	due by 11:59pm
Sun Dec 8, 2024	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (A - Acar)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (B - Shi)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (C - Acar)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (F - Billapati)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (G - Vallabh)	due by 11:59pm
Tue Dec 10, 2024	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (H - Xu)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (J - Fontaine)	due by 11:59pm

Date	Details	Due
	 <a href="#">Final Presentation - Student Evals - Sections A, C</a> <a href="https://sit.instructure.com/courses/76654/assignments/551571">https://sit.instructure.com/courses/76654/assignments/551571</a> (A - Acar)	due by 11:59pm
	 <a href="#">Final Presentation - Student Evals - Sections A, C</a> <a href="https://sit.instructure.com/courses/76654/assignments/551571">https://sit.instructure.com/courses/76654/assignments/551571</a> (C - Acar)	due by 11:59pm
	 <a href="#">Final Presentations - Student Evals - Sections B, K</a> <a href="https://sit.instructure.com/courses/76654/assignments/553344">https://sit.instructure.com/courses/76654/assignments/553344</a> (B - Shi)	due by 11:59pm
Wed Dec 11, 2024	 <a href="#">Study Set #13 - Bending Stress</a> <a href="https://sit.instructure.com/courses/76654/assignments/515659">https://sit.instructure.com/courses/76654/assignments/515659</a>	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (E - Vallabh)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (M - Billapati)	due by 11:59pm
	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (D - Sugino)	due by 11:59pm
Thu Dec 12, 2024	 <a href="#">Final Presentation</a> <a href="https://sit.instructure.com/courses/76654/assignments/515684">https://sit.instructure.com/courses/76654/assignments/515684</a> (K - Shi)	due by 11:59pm
	 <a href="#">Final Presentation - Student Evals - Section F</a> <a href="https://sit.instructure.com/courses/76654/assignments/551683">https://sit.instructure.com/courses/76654/assignments/551683</a>	due by 11:59pm
	 <a href="#">Final Presentation - Student Evals - Section J</a> <a href="https://sit.instructure.com/courses/76654/assignments/551570">https://sit.instructure.com/courses/76654/assignments/551570</a>	due by 11:59pm

Date	Details	Due
Fri Dec 13, 2024	 <a href="#">Final Presentation - Student Evals - Section D</a> <a href="https://sit.instructure.com/courses/76654/assignments/554130">https://sit.instructure.com/courses/76654/assignments/554130</a>	due by 11:59pm
	 <a href="#">Self-Test #13A - Bending Stress - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515694">https://sit.instructure.com/courses/76654/assignments/515694</a>	due by 11:59pm
	 <a href="#">Self-Test #13B - Bending Stress - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515695">https://sit.instructure.com/courses/76654/assignments/515695</a>	due by 11:59pm
Sat Dec 14, 2024	 <a href="#">Final Presentation - Student Evals - Section M</a> <a href="https://sit.instructure.com/courses/76654/assignments/554544">https://sit.instructure.com/courses/76654/assignments/554544</a>	due by 11:59pm
	 <a href="#">Final Presentations - Student Evals - Sections B, K</a> <a href="https://sit.instructure.com/courses/76654/assignments/553344">https://sit.instructure.com/courses/76654/assignments/553344</a> (K - Shi)	due by 11:59pm
	 <a href="#">Final Presentation - Student Evals</a> <a href="https://sit.instructure.com/courses/76654/assignments/551042">https://sit.instructure.com/courses/76654/assignments/551042</a>	due by 11:59pm
Mon Dec 16, 2024	 <a href="#">EXTRA CREDIT: SolidWorks Stress Analysis - Individual Submission (Optional)</a> <a href="https://sit.instructure.com/courses/76654/assignments/515678">https://sit.instructure.com/courses/76654/assignments/515678</a>	due by 11:59pm
	 <a href="#">Final Report</a> <a href="https://sit.instructure.com/courses/76654/assignments/515686">https://sit.instructure.com/courses/76654/assignments/515686</a>	due by 11:59pm
Tue Dec 17, 2024	 <a href="#">Peer Assessment - Final Project Check-in #2</a> <a href="https://sit.instructure.com/courses/76654/assignments/515664">https://sit.instructure.com/courses/76654/assignments/515664</a>	due by 11:59pm
Thu Dec 19, 2024	 <a href="#">Research Participation: Consent</a> <a href="https://sit.instructure.com/courses/76654/assignments/515653">https://sit.instructure.com/courses/76654/assignments/515653</a>	due by 11:59pm
	 <a href="#">Self-Test #13A - Bending Stress - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515694">https://sit.instructure.com/courses/76654/assignments/515694</a>	due by 11:59pm

Date	Details	Due
	(1 student)	
	 <a href="#">Self-Test #13B - Bending Stress - Problem Solving</a> <a href="https://sit.instructure.com/courses/76654/assignments/515695">https://sit.instructure.com/courses/76654/assignments/515695</a> (1 student)	due by 11:59pm
	 <a href="#">Statics Concept Inventory Score</a> <a href="https://sit.instructure.com/courses/76654/assignments/556116">https://sit.instructure.com/courses/76654/assignments/556116</a>	due by 11:59pm
	 <a href="#">Study Set #13 - Bending Stress</a> <a href="https://sit.instructure.com/courses/76654/assignments/515659">https://sit.instructure.com/courses/76654/assignments/515659</a> (1 student)	due by 11:59pm
	 <a href="#">Test on Statics Concepts - Completion</a> <a href="https://sit.instructure.com/courses/76654/assignments/515715">https://sit.instructure.com/courses/76654/assignments/515715</a>	due by 11:59pm
	 <a href="#">Test on Statics Concepts - Instructions</a> <a href="https://sit.instructure.com/courses/76654/assignments/515658">https://sit.instructure.com/courses/76654/assignments/515658</a>	due by 11:59pm
Fri Dec 20, 2024	 <a href="#">Final Exam</a> <a href="https://sit.instructure.com/courses/76654/assignments/541582">https://sit.instructure.com/courses/76654/assignments/541582</a>	due by 7pm
	 <a href="#">FINAL EXAM</a> <a href="https://sit.instructure.com/courses/76654/assignments/557258">https://sit.instructure.com/courses/76654/assignments/557258</a>	due by 7pm
	 <a href="#">Final Exam - Remote Version</a> <a href="https://sit.instructure.com/courses/76654/assignments/515683">https://sit.instructure.com/courses/76654/assignments/515683</a> (2 students)	due by 9:10pm
	 <a href="#">Research Participation: Consent</a> <a href="https://sit.instructure.com/courses/76654/assignments/515653">https://sit.instructure.com/courses/76654/assignments/515653</a> (3 students)	due by 11:59pm
	 <a href="#">Test on Statics Concepts - Completion</a> <a href="https://sit.instructure.com/courses/76654/assignments/515715">https://sit.instructure.com/courses/76654/assignments/515715</a> (3 students)	due by 11:59pm
	 <a href="#">Test on Statics Concepts - Instructions</a>	due by 11:59pm

Date	Details	Due
	<a href="https://sit.instructure.com/courses/76654/assignments/515658">(<a href="https://sit.instructure.com/courses/76654/assignments/515658">https://sit.instructure.com/courses/76654/assignments/515658</a>)</a> (3 students)	
Tue Dec 24, 2024	 <a href="#">Final Exam - Remote Version</a> <a href="https://sit.instructure.com/courses/76654/assignments/515683">(<a href="https://sit.instructure.com/courses/76654/assignments/515683">https://sit.instructure.com/courses/76654/assignments/515683</a>)</a>	due by 1:10pm (1 student)
Wed Jan 29, 2025	 <a href="#">Self-Test #1A - Force Vectors - Conceptual</a> <a href="https://sit.instructure.com/courses/76654/assignments/515696">(<a href="https://sit.instructure.com/courses/76654/assignments/515696">https://sit.instructure.com/courses/76654/assignments/515696</a>)</a>	due by 11:59pm
	 <a href="#">Course Implementation Survey</a> <a href="https://sit.instructure.com/courses/76654/assignments/515657">(<a href="https://sit.instructure.com/courses/76654/assignments/515657">https://sit.instructure.com/courses/76654/assignments/515657</a>)</a>	
	 <a href="#">Final Exam</a> <a href="https://sit.instructure.com/courses/76654/assignments/515682">(<a href="https://sit.instructure.com/courses/76654/assignments/515682">https://sit.instructure.com/courses/76654/assignments/515682</a>)</a>	
	 <a href="#">Final Presentation - Student Evals - Sections E, G</a> <a href="https://sit.instructure.com/courses/76654/assignments/551572">(<a href="https://sit.instructure.com/courses/76654/assignments/551572">https://sit.instructure.com/courses/76654/assignments/551572</a>)</a> (E - Vallabh)	
	 <a href="#">Final Presentation - Student Evals - Sections E, G</a> <a href="https://sit.instructure.com/courses/76654/assignments/551572">(<a href="https://sit.instructure.com/courses/76654/assignments/551572">https://sit.instructure.com/courses/76654/assignments/551572</a>)</a> (G - Vallabh)	
	 <a href="#">Final Project - Grade Adjustment</a> <a href="https://sit.instructure.com/courses/76654/assignments/515685">(<a href="https://sit.instructure.com/courses/76654/assignments/515685">https://sit.instructure.com/courses/76654/assignments/515685</a>)</a>	
	 <a href="#">Make Up Design Studio - Follow up</a> <a href="https://sit.instructure.com/courses/76654/assignments/515648">(<a href="https://sit.instructure.com/courses/76654/assignments/515648">https://sit.instructure.com/courses/76654/assignments/515648</a>)</a>	
	 <a href="#">Make-Up Design Studio</a> <a href="https://sit.instructure.com/courses/76654/assignments/515651">(<a href="https://sit.instructure.com/courses/76654/assignments/515651">https://sit.instructure.com/courses/76654/assignments/515651</a>)</a>	
	 <a href="#">Review for Exam 1</a> <a href="https://sit.instructure.com/courses/76654/assignments/515662">(<a href="https://sit.instructure.com/courses/76654/assignments/515662">https://sit.instructure.com/courses/76654/assignments/515662</a>)</a>	

2x 75-min Lecture				due Mondays	due Weds	110-min Design Studio	
Week	Lecture	Textbook	Class Problems	Study Set	Self Test	Design Studio	Exams (Mon. 5-6pm)
<b>Week 1</b> 9/3-9/6	Introduction, Force Vectors	2.1-2.4	1-1 to 1-4	<b>SS #1</b> due: 9/9	<b>ST 1A/1B</b> due: 9/11	Software Setup / SolidWorks Refresher	
<b>Week 2</b> 9/9-9/13	Moment of a Force	3.1-3.4	2-1 to 2-4	<b>SS #2</b> due: 9/16	<b>ST 2A/2B</b> due: 9/18	Moments of Forces	
<b>Week 3</b> 9/16-9/20	Couples, Equivalent Systems	3.6-3.9	3-1 to 3-6	<b>SS #3</b> due: 9/23	<b>ST 3A/3B</b> due: 9/25	Mobile Project	
<b>Week 4</b> 9/23-9/27	Free Body Diagrams, <i>Review for Exam 1</i>	4.1-4.2	4-1 to 4-4	<b>SS #4</b> due: 10/2	<b>ST 4</b> due: 10/4	Supports and FBDs	
<b>Week 5</b> 9/30-10/4	Equilibrium of Rigid Bodies	4.3-4.4	4-5 to 4-10	<b>SS #5</b> due: 10/7	<b>ST 5</b> due: 10/9	Gantry Project	<b>EXAM 1</b> <b>(9/30)</b>
<b>Week 6</b> 10/7-10/11	Dry Friction, Trusses	4.7-4.8	5-1 to 5-4	<b>SS #6</b> due: 10/16	<b>ST 6</b> due: 10/18	Ethics Case Study	
<b>Week 7</b> 10/15-10/18	Trusses, cont.	5.1-5.4	6-1 to 6-5	<b>SS #7</b> due: 10/21	<b>ST 7A/7B</b> due: 10/23	Truss Simulation & Build	
<b>Week 8</b> 10/21-10/25	Frames and Machines, <i>Review for Exam 2</i>	5.5	7-1 to 7-3	<b>SS #8</b> due: 10/30	<b>ST 8</b> due: 11/1	Final Design Project [1]: Introduction & Concept Generation	
<b>Week 9</b> 10/28-11/1	Frames and Machines, cont. Internal Loadings	7.1-7.2	7-4 to 7-6 8-1 to 8-3	<b>SS #9</b> due: 11/4	<b>ST 9</b> due: 11/6	Final Design Project [2]: Preliminary Design and Initial Analysis	<b>EXAM 2</b> <b>(10/28)</b>
<b>Week 10</b> 11/4-11/8	Stress and Strain (Normal) Mech Props of Materials	7.3-7.4, 7.7-7.8, 8.1-8.3	9-1 to 9-5	<b>SS #10</b> due: 11/11	<b>ST 10A/10B</b> due: 11/13	PASCO Experiment: Tensile Test	
<b>Week 11</b> 11/11-11/15	Shear Stress Allowable Stress	7.5-7.6	10-1 to 10-6	<b>SS #11</b> due: 11/18	<b>ST 11</b> due: 11/20	<b>** Project Work Time **</b> Stress Analysis in SolidWorks (extra credit)	
<b>Week 12</b> 11/18-11/22	Shear and Moment Diagrams, <i>Review for Exam 3</i>	11.1-11.2	12-1 to 12-3	<b>SS #12</b> due: 12/2	<b>ST 12</b> due: 12/4	Final Design Project [3]: Design Refinement and Detailed Analysis	
<b>Week 13</b> 11/25-11/26	Shear and Moment Diagrams, cont.	11.1-11.2	12-4 to 12-5				<b>EXAM 3</b> <b>(11/25)</b>
<b>THANKSGIVING BREAK</b>							
<b>Week 14</b> 12/2-12/6	Bending Stress Area Properties	11.3-11.4, 6.1-6.5	13-1 to 13-4	<b>SS #13</b> due: 12/11	<b>ST 13A/ 13B</b> due: 12/13	Final Design Project [4]: Design Integration and Final Analysis	
<b>Week 15</b> 12/9-12/13	Bending Stress, cont. <i>Review for Final</i>	11.3-11.4	14-1 to 14-3		<b>Final ST</b> due: 12/20	<b>PROJECT PRESENTATIONS</b>	
<b>Finals</b>							<b>FINAL EXAM</b> <b>(12/20)</b>

**Course Assessment - F2024**

Design Studio	30%	(Projects @ 15%, Final Design Project @ 15%)
Study Sets (HW)	5%	
Self Tests (Quizzes)	15%	(Conceptual @ 5%, Problem Solving @ 10%)
Exams (3 total)	30%	(3 exams @ 10% each)
Final Exam (cumulative)	20%	