2025 SP - ENG MECH-STATICS 14:440:221:09-12

Course Objectives

- To provide a conceptual framework for synthesis and quantitative analysis of engineering systems.
- To introduce technical, professional and ethical challenges of engineering endeavors through *success and failure* case studies.
- To build up *critical thinking* skills rooted in a solid technical foundation.
- To develop an environment for active learning leading to mastering the concepts of equilibrium of particle systems and rigid bodies including generalized internal forces.

Instructors

The primary professor for this course is Dr. Jennifer Lynch-Branzoi, an Assistant Teaching Professor in the Mechanical and Aerospace Engineering Department at Rutgers University, and she will be teaching Sections 01 - 04 and Sections 09 - 12. Dr. Tomas Rojas Carvajal is a post-doctorate scholar in the Mechanical and Aerospace Engineering Department at Rutgers University, and he will be teaching Sections 05 - 08. There are three teaching assistants (TAs) for this course who are all graduate students in the Mechanical and Aerospace Engineering Department. **Please feel welcome to attend our office hours.**

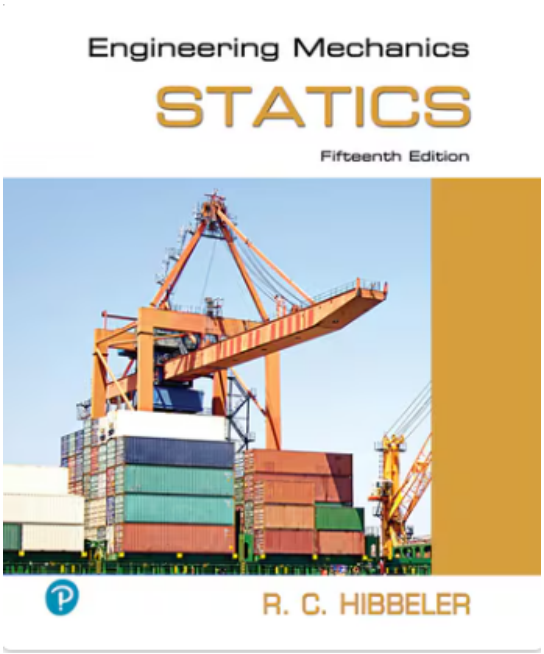
Name	Professor Jennifer Lynch-Branzoi	Dr. Tomás Rojas Carvajal
Office	MSE Building Room 122	Eng D wing - Room 150
Email	jklynch@soe.rutgers.edu (mailto:jklynch@soe.rutgers.edu)	tr611@soe.rutgers.edu (mailto:tr611@soe.rutgers.edu)
Sections Teaching	01 - 04 and 09 - 12	05 - 08

Teaching Assistants

There are three TAs for this course. They will offer office hours and teach the recitation sections. One TA is assigned for grading, as indicated below.

Fatos Mekik	Yogin Patel	Mithun Krishnan
fatma.mekik@rutgers.edu (mailto:fatma.mekik@rutgers.edu)	ykp11@scarletmail.rutgers.edu (mailto:ykp11@scarletmail.rutgers.edu)	mk1840@scarletmail.rutgers.edu (mailto:mk1840@scarletmail.rutgers.edu)
01-04	05-08	09-12

Textbook



- Russell C. Hibbeler, Engineering Mechanics: Statics, 15th edition Published by Pearson (July 6, 2021) © 2022
- Available as an E-text through your Mastering Engineering Software account (Pearson Publisher)

Course Format and Assessments

Lectures	Recitations	Homework	Exams

Taught by the instructors 3 sections Class participation quizzes in Canvas Attend twice/week	Taught by the TA 12 sections Attendance not taken Attend once/week	Submitted in Mastering Engineering via Canvas on Sundays by 11 pm Hardcopy of written solutions due in the Canvas assignment on Sundays by 11:59 pm 12 homework problem sets	Exam 1 (Chapters 1 - 4) Exam 2 (Chapters 5 and 6) Final Exam (Cumulative)

Lectures

- There are three sections for this course. You must attend your registered section and take all of your exams with your section.
- Class participation quizzes will be given in Canvas during every lecture
  - The 4 lowest class participation quiz grades will be dropped from the final class participation grade
  - Attendance is not mandatory, rather this is comparable to a form of extra credit
- Research shows that class attendance greatly affects performance
- The lecture notes are available under Files/Lectures

Section	01 - 04	**05 - 08**	**09 - 12**
Lecture	M-TH 8:30 - 9:50 am	T-F 8:30 - 9:50 am	**M-TH 10:20 - 11:40 am**
Location	RWH - 105	RWH - 105	**RWH - 105**
Instructor	Professor Lynch-Branzoi	Dr. Rojas Carvajal	**Professor Lynch-Branzoi**

Recitation Meetings

Please attend your assigned recitation to strengthen your understanding of the concepts and problem solving methods. The TA will work through example problems in a small group setting. You may attend another recitation section, if needed. Recitations will begin during the week of 01/27.

Section	Day	Time	Location	TA
01	Wednesday	2:00 - 3:20 PM	ARC - 105	Mithun Krishnan
02	Wednesday	10:20 - 11:40 AM	ARC - 105	Mithun Krishnan
03	Tuesday	3:50 - 5:10 PM	ARC - 105	Fatos Mekik
04	Tuesday	10:20 - 11:40 AM	ARC - 105	Fatos Mekik
05	Monday	7:30 - 8:50 PM	ARC - 105	Yogin Patel
06	Monday	5:40 - 7:00 PM	ARC - 105	Yogin Patel
07	Monday	12:10 - 1:30 PM	ARC - 105	Mithun Krishnan
08	Monday	10:20 - 11:40 AM	ARC - 105	Mithun Krishnan
09	Wednesday	5:40 - 7:00 PM	COR - 101	Fatos Mekik
10	Wednesday	12:10 - 1:30 PM	SEC - 210	Yogin Patel
11	Wednesday	10:20 - 11:40 AM	SEC - 210	Yogin Patel
12	Wednesday	10:20 - 11:40 AM	ARC - 107	Fatos Mekik

Office Hours

- You may attend any of the office hours listed below
- Office hours will begin during the week of 01/27/2025
- Please use office hours to ask questions about homework problems, grades, and any other issues of concern
- Please feel welcome to stop by to get to know your professor or TA and to let us know if you are struggling with the content or other things
- If all of these office hour time periods conflict with your schedule, please alert Professor Lynch-Branzoi

Day	Time	Location	Instructor
Monday	12:30-2pm	Eng D wing - Room 150	Dr. Tomás Rojas Carvajal
Tuesday	11:30 - 12:30 pm	MSE - 122	Professor Lynch-Branzoi
	2:00 - 3:00 pm	Eng A wing - Room 131	Fatos Mekik

Wednesday	11 am - 12 pm	Eng D wing - Room 150	Dr. Tomás Rojas Carvajal
	4 - 5 pm	In Person: Eng D wing - 115 Zoom	Yogin Patel
Thursday	12:30 - 1:30 pm	MSE - 122	Professor Lynch-Branzoi
Friday	4 - 5 pm	In Person: Eng D wing - 115 Zoom	Mithun Krishnan

Course Schedule

The schedule indicates all lecture topics, associated reading in the textbook, due dates for all homework assignments, and exam dates for the entire semester.

Date	Day	Lecture	Book Chapter	Topics	Assignments Due
1/23/2025	Thursday	1	1.1-1.6	Overview + Intro to Mechanics	
1/26/2025	Sunday				#1 MasteringEngineering
1/27/2025	Monday	2	2.1-2.6	Review of Vector Algebra	
1/30/2025	Thursday	3	2.7-2.9	Review of Vector Algebra	
2/2/2025	Sunday				#2 Vectors
2/3/2025	Monday	4	3.1-3.3	Equilibrium of Particle Systems 2D	
2/6/2025	Thursday	5	3.4	Equilibrium of Particle Systems 3D	
2/9/2025	Sunday				#3 Particle Equilibrium
2/10/2025	Monday	6	4.1-4.4	Moments	

2/13/2025	Thursday	7	4.5-4.6	Moment about an axis & Moment of a couple	
2/16/2025	Sunday				#4 Moments & couples
2/17/2025	Monday	8	4.7-4.9	Force Couple Systems and Distributed Loads	
2/20/2025	Thursday	9		Review for Exam 1	
2/23/2025	Sunday				#5 Force Couples and Distributed Load
2/24/2025	**Monday**	**E 1**	**1 - 4**	**EXAM 1 (HW 1 to 5)**	
2/27/2025	Thursday	10	5.1 - 5.2	Equilibrium of Rigid Bodies in 2D	
3/2/2025	Sunday				
3/3/2025	Monday	11	5.3 - 5.4	Equilibrium of Rigid Bodies in 2D	
3/6/2025	Thursday	12	5.5 - 5.7	Equilibrium of Rigid Bodies in 3D	
3/9/2025	Sunday				#6 Rigid Body Equilibrium
3/10/2025	Monday	13	6.1 - 6.3	Trusses 2D - Method of Joints	
3/13/2025	Thursday	14	6.4	Trusses 2D - Method of Sections, Truss 3D, TrussME!	
3/16/2025	Sunday				#7 Trusses
				Spring Break	
3/24/2025	Monday	15	6.6	Frames and Machines	
3/27/2025	Thursday	16		Case Study	
3/30/2025	Sunday				#8 Frames and Machines
3/31/2025	Monday	17		Review 2	
4/3/2025	**Thursday**	**E 2**	**5 and 6**	**EXAM 2 (HW 6 to 8)**	
4/6/2025	Sunday				

4/7/2025	Monday	18	7.1	Beams Structures and Internal Loadings	
4/10/2025	Thursday	19	7.2 - 7.3	Shear and Bending 1	
4/13/2025	Sunday				# 9 Beams
4/14/2025	Monday	20	7.3	Shear and Bending 2	
4/17/2025	Thursday	21	8.1 - 8.2	Dry Friction	
4/20/2025	Sunday				#10 Shear and Bending
4/21/2025	Monday	22		Dry Friction	
4/24/2025	Thursday	23	9.1 - 9.2	Center of Gravity and Centroid	
4/27/2025	Sunday				#11 Dry Friction
4/28/2025	Monday	24	10.1 - 10.4 and 10.8	Moment of Inertia	
5/1/2025	Thursday	25		Review for Final	
5/4/2025	Sunday				
5/5/2025	**Monday**	**F**		**FINAL EXAM**	**Cumulative**
5/12/2025	Monday	Make-Up		Make-up FINAL EXAM from 12 - 3 pm	Cumulative

Recitation Schedule

Week of	Recitation	Lectures Covered	Book Chapter or Sections
01/27	1	2 and 3	2.1 - 2.9
02/03	2	4 and 5	3.1 - 3.4
02/10	3	6 - 8	4.1 - 4.9
02/17	4	6 - 8	4.1 - 4.9

02/24	5	Review	1 - 4
03/03	6	10 - 12	5.1 - 5.7
03/10	7	13 - 14	6.1 - 6.4
03/24	8	15	6.6
03/31	9	Review	5 and 6
04/07	10	18 - 19	7.1 - 7.2
04/14	11	20	7.3
04/21	12	21 - 22	8.1 - 8.2
04/28	13	23 - 24	10.1 - 10.4, 10.8

Homework

- Homework assignments are posted on Canvas and completed in MyLab Mastering Engineering
- On the Canvas course site, click the homework assignment to be routed to MyLab Mastering Engineering
- Submission
  - **Due in Mastering Engineering on Sundays by 11 PM**
  - All due dates are indicated in the Course Schedule table above and appear in the Assignments on Canvas
  - **Hardcopy written solutions are due in a separate Canvas assignment Sundays by 11:59 pm (For HW 2 - 12)**
    - Please take pictures of your written solutions
    - Combine all the pictures into one pdf document
    - Submit one pdf document containing all written solutions
  - Please allow at least 24 hours for grades to sync between Mastering Engineering and Canvas after the assignment due date
- Homework Policy
  - **NO LATE HOMEWORK**
  - The **lowest 2** assignment grades will be dropped and not count toward your total HW grade
  - You may attempt the entire assignment **3 times** and the best score counts toward the particular HW assignment
    - You must complete entire assignment before starting a new attempt
  - 3 attempts are allowed to do each problem within the homework set

    - After 3 attempts, the correct answer is provided
    - There is a 3% deduction for each attempt
- Please use office hours to ask questions regarding homework. Please do not send emails with homework questions.

Mastering Engineering

- You must register with Pearson (the publisher of the Mastering Engineering software) and pay the fee to be able to submit homework assignments and take exams
- Please use your Rutgers email that is associated with Canvas
    - Your personal email will not connect between Canvas and Mastering Engineering
- There is a free trial period option, but you must register and pay prior to the trial period ending
- Click "Access Pearson" in the course navigation list on the left to get started
- Please see the instruction posted under Files/Resources, if needed

Exams

Assessments for this course include two exams and one final exam given during your lecture time period.

- Format
    - Online via Mastering Engineering
    - Hardcopy written solutions also to be submitted
    - Number of problems:
        - 3 problems with sub-parts to provide partial credit
        - 2 problems are mandatory and 1 problem is extra credit
- Grading
    - 3 % will be deducted for each incorrect answer to a sub-part question
    - After entering 3 incorrect answers, the correct answer will provided which may be needed for subsequent parts
    - You may request the answer for any part but will then receive no credit for that part
- Time allotted:
        - 80 minutes (The SOE does not support using 10 min of the class changing time to allow for technical issues)
- Only one attempt for the entire test
- Significant Figures

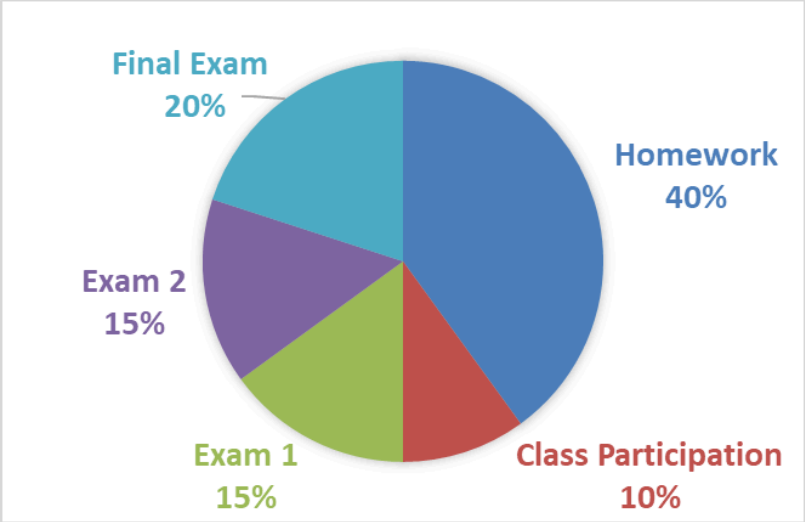
    - Be sure to enter the correct number of significant figures indicated for each problem but use exact answers for all calculations
- Rules
    - All exams must be approached individually, obeying the Academic Integrity policy
    - Not permitted
        - cell phones, notes, homework solutions
    - A scientific calculator and MatLab are allowed
    - A one-page formula sheet that you prepare is permitted
        - One hard copy or printed piece of paper size 8.5 by 11 in
- Request for accommodations for exams via Office of Disability Services
    - Formal Letter of Accommodation approved by the Office of Disability Services must be submitted to the Instructor before the first planned exam
    - **Exams must be taken at the ODS office**
- A **make-up exam** will be provided for those excused from the original exam date due to illness or other extreme circumstance but must be approved by your instructor
    - Students must contact the professors before the stated exam date in order to be able to take the make-up exam
    - Make-up exams will be on the Wednesday of the following week of the exam date
    - Dates: Exam 1 make-up on 03/05 and Exam 2 make-up on 04/09
    - Location: TBD and will be updated here
    - Time: TBD and will be updated here
- Make-Up Final Exam
    - May 12 from 12 - 3 pm
    - This is only for students who are sick on May 5 or have a conflict with needing extra time

Exam	Date	Chapters	Location
Exam 1	02/24	1 - 4	in class
Exam 2	04/03	5 and 6	in class
Final Exam	05/05	Cumulative	in class

Grading Policy

The assessment categories for students to demonstrate mastery of the course concepts and the contribution to the course grade include homework, class participation, exam 1, exam 1, and the final exam (as indicated below). For your benefit, the two lowest homework assignment grades are dropped from the total homework grade, and four of the class participation quiz grades are

dropped from the total class participation grade to allow for missed classes due to illness, religious holiday, or personal reasons, etc.



The grading scale will be similar, as shown in the table below. However, there may be a curve that would be more advantageous to the students than shown below.

Letter Grade	%
A	89 - 100
B+	85 - 88
B	79 - 84
C+	75 - 78
C	68 - 74
D	58 - 67
F	57 and below

External Resources

- If you need more help with understanding concepts, there are helpful videos on youtube by Jeff Hanson in which he explains statics topics
- **Jeff Hanson - Statics Videos (https://www.youtube.com/@1234jhanson)**

Academic Integrity

- Please review any concerns about academic integrity at the site below
- **https://academicintegrity.rutgers.edu/ (https://academicintegrity.rutgers.edu/)**

- You are expected to uphold the honor system
  - Students have the responsibility to know and observe the requirements of the University Code of Student Conduct. The Academic Integrity forbids cheating, fabrication, plagiarism, denying others access to information or material, and facilitating violation of Academic Integrity.
- You may consult each other on the homework problems
  - That means you are free to discuss the assignments and solution approaches
  - It DOES NOT mean that you can copy anyone's exam, quiz, homework, etc.
  - All work turned in for this class must be your own work product and original effort

University Resource Links

Please refer to the links below to help you throughout your time at Rutgers. Also, please feel welcome to stop by our offices, if you need support.

Academic Advising Offices - **https://success.rutgers.edu/success-essentials/academicadvising-policies (https://success.rutgers.edu/success-essentials/academicadvising-policies)**

Academic Calendar - **https://nbregistrar.rutgers.edu/undergrad/s23ugcal.htm (https://nbregistrar.rutgers.edu/undergrad/s23ugcal.htm)**

Academic Coaching - **https://rlc.rutgers.edu/student-services (https://rlc.rutgers.edu/student-services)**

Academic Integrity Policy - **http://nbacademicintegrity.rutgers.edu/ (http://nbacademicintegrity.rutgers.edu/)**

Career Services - **https://careers.rutgers.edu/ (https://careers.rutgers.edu/)**

Computer Labs - **https://it.rutgers.edu/new-brunswick/new-brunswick-computer-labs/#directory (https://it.rutgers.edu/new-brunswick/new-brunswick-computer-labs/#directory)**

Counseling, Alcohol and Other Drug Assistance Program & Psychiatric Services (CAPS) - **http://health.rutgers.edu/medical-counseling-services/counseling (http://health.rutgers.edu/medical-counseling-services/counseling)**

Course Schedule Planner - **https://sims.rutgers.edu/csp (https://sims.rutgers.edu/csp)**

Dean of Students - Student Support - **https://studentsupport.rutgers.edu/ (https://studentsupport.rutgers.edu/)**

Degree Navigator - **https://success.rutgers.edu/resource/degree-navigator (https://success.rutgers.edu/resource/degree-navigator)**

Diversity, Equity, and Inclusion - **https://soe.rutgers.edu/about/diversity-equity-and-inclusion (https://soe.rutgers.edu/about/diversity-equity-and-inclusion)**

Financial Aid - **https://scarlethub.rutgers.edu/financial-services/apply-for-aid/ (https://scarlethub.rutgers.edu/financial-services/apply-for-aid/)**

Financial Aid Application for Summer Courses - **https://scarlethub.rutgers.edu/financialservices/apply-for-aid/how-to-apply/financial-aid-for-summer-courses (https://scarlethub.rutgers.edu/financialservices/apply-for-aid/how-to-apply/financial-aid-for-summer-courses)**

Final Exam Schedule - **https://scheduling.rutgers.edu/scheduling/exam-scheduling/final-examschedule (https://scheduling.rutgers.edu/scheduling/exam-scheduling/final-examschedule)**

Health Services - **http://health.rutgers.edu (http://health.rutgers.edu/)**

“How To” Instructional Videos - **https://success.rutgers.edu/how-information (https://success.rutgers.edu/how-information)**

Learning Centers - **https://rlc.rutgers.edu/ (https://rlc.rutgers.edu/)**

Libraries - **https://www.libraries.rutgers.edu/new-brunswick/visit-study/computers-printing (https://www.libraries.rutgers.edu/new-brunswick/visit-study/computers-printing)**

One Stop Weekly - **https://nbosl.rutgers.edu/ (https://nbosl.rutgers.edu/)**

Office of Disability Services - **https://ods.rutgers.edu/ (https://ods.rutgers.edu/)**

Office for Violence Prevention and Victim Assistance - **http://vpva.rutgers.edu/ (http://vpva.rutgers.edu/)**

Registration Schedule - **https://nbregistrar.rutgers.edu/undergrad/reginfo.htm (https://nbregistrar.rutgers.edu/undergrad/reginfo.htm)**

Schedule of Classes - **http://sis.rutgers.edu/soc/#home (http://sis.rutgers.edu/soc/#home)**

Success Resources - **https://success.rutgers.edu (https://success.rutgers.edu/)**

Testing Accommodations, Office of Disability Services - **https://ods.rutgers.edu/examaccommodations (https://ods.rutgers.edu/examaccommodations)**

Withdrawal Checklist - **https://newbrunswick.rutgers.edu/withdrawal-checklist (https://newbrunswick.rutgers.edu/withdrawal-checklist)**

Office of Disability Services

Rutgers University is committed to the creation of an inclusive and safe learning environment for all students, and welcomes students with disabilities into all the University's educational programs. The Office of Disability Services (ODS) is responsible for the determination of appropriate accommodations for students who encounter barriers due to disability. Once a student has completed the ODS process (registration, initial appointment, and submitted documentation) and reasonable accommodations are determined to be necessary and appropriate, a Letter of Accommodation (LOA) can be requested and will be sent to the student and instructor. This should be done as early in the semester as possible as accommodations are not retroactive, and a discussion should occur about how the accommodations will be

implemented. More information can be found at www.ods.rutgers.edu. You can contact ODS at (848)445-6800 or via email at dsoffice@echo.rutgers.edu. **https://ods.rutgers.edu/ (https://ods.rutgers.edu/)**

Absence and Verification Notices

Students missing an occasional class for unverifiable illness or personal circumstances do not require written documentation or verification from the Rutgers - New Brunswick Office of the Dean of Students - Student Support. In these circumstances, it is your responsibility to submit the absence through the **Rutgers Self-Reporting Absence website (https://sims.rutgers.edu/ssra)**, which automatically generates email notification to the instructor.

Reporting an absence does not automatically "excuse" missed work. It notifies instructors, a courtesy that provides an opportunity for students to contact instructors about missed work. In addition to reporting an absence through the online system, you are encouraged to contact your instructor directly. It is up to the instructor to determine options for allowing the submission or missing or late work.

Course Summary:

Date	Details	Due
Thu Jan 23, 2025	**Lecture 1** (https://rutgers.instructure.com/courses/335384/assignments/3564111)	due by 11:40am
Mon Jan 27, 2025	**Lecture 2** (https://rutgers.instructure.com/courses/335384/assignments/3564115)	due by 11:55am
Wed Jan 29, 2025	**Office Hour - Statics** (https://rutgers.instructure.com/calendar?event_id=1469661&include_contexts=course_335384)	4pm to 5pm
	#1 - Mastering Engineering intro (https://rutgers.instructure.com/courses/335384/assignments/3564413)	due by 11pm
Thu Jan 30, 2025	**Lecture 3** (https://rutgers.instructure.com/courses/335384/assignments/3564114)	due by 11:50am
Fri Jan 31, 2025	**Office Hour - Statics** (https://rutgers.instructure.com/calendar?event_id=1469663&include_contexts=course_335384)	4pm to 5pm

Date	Details	Due
Sun Feb 2, 2025	#2 - Vector Operations (https://rutgers.instructure.com/courses/335384/assignments/3564414)	due by 11pm
	HW 2 (https://rutgers.instructure.com/courses/335384/assignments/3594596)	due by 11:59pm
Mon Feb 3, 2025	Lecture 4 (https://rutgers.instructure.com/courses/335384/assignments/3564109)	due by 11:53am
Wed Feb 5, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469666&include_contexts=course_335384)	4pm to 5pm
Thu Feb 6, 2025	Statics Class Thursday Feb 6 at 10:20 am (https://rutgers.instructure.com/calendar?event_id=1482772&include_contexts=course_335384)	10:20am to 11:50am
	Lecture 5 (https://rutgers.instructure.com/courses/335384/assignments/3564103)	due by 11:45am
	Office Hours - Prof. Lynch-Branzoi (https://rutgers.instructure.com/calendar?event_id=1483404&include_contexts=course_335384)	12:30pm to 1:30pm
Fri Feb 7, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469668&include_contexts=course_335384)	4pm to 5pm
Sun Feb 9, 2025	#3 Particle Equilibrium (https://rutgers.instructure.com/courses/335384/assignments/3564412)	due by 11pm
	HW 3 (https://rutgers.instructure.com/courses/335384/assignments/3594599)	due by 11:59pm
Mon Feb 10, 2025	Lecture 6 (https://rutgers.instructure.com/courses/335384/assignments/3564105)	due by 11:45am
Wed Feb 12, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469670&include_contexts=course_335384)	4pm to 5pm
Thu Feb 13, 2025	Lecture 7 (https://rutgers.instructure.com/courses/335384/assignments/3564101)	due by 11:49am

Date	Details	Due
Fri Feb 14, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469672&include_contexts=course_335384)	4pm to 5pm
Sun Feb 16, 2025	#4 Moments, Couples (https://rutgers.instructure.com/courses/335384/assignments/3564409)	due by 11pm
	HW 4 (https://rutgers.instructure.com/courses/335384/assignments/3594601)	due by 11:59pm
Mon Feb 17, 2025	Lecture 8 (https://rutgers.instructure.com/courses/335384/assignments/3564110)	due by 11:48am
Wed Feb 19, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469674&include_contexts=course_335384)	4pm to 5pm
Thu Feb 20, 2025	Lecture 9 (https://rutgers.instructure.com/courses/335384/assignments/3564099)	due by 11:45am
Fri Feb 21, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469675&include_contexts=course_335384)	4pm to 5pm
Sun Feb 23, 2025	#5 Force Couples and Distributed Loads (https://rutgers.instructure.com/courses/335384/assignments/3564416)	due by 11pm
	HW 5 (https://rutgers.instructure.com/courses/335384/assignments/3594604)	due by 11:59pm
Mon Feb 24, 2025	Exam 1 - SP 25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3617540)	due by 11:50am
	Exam 1 SP 25 - Extra Credit (https://rutgers.instructure.com/courses/335384/assignments/3625467)	due by 11:50am
	Practice Exam 1 - 2 (https://rutgers.instructure.com/courses/335384/assignments/3615005)	due by 11:59pm
	Practice Exam 1 - 1 (https://rutgers.instructure.com/courses/335384/assignments/3615008)	due by 11:59pm
	Practice Exam 1 - 4 (https://rutgers.instructure.com/courses/335384/assignments/3615006)	due by 11:59pm

Date	Details	Due
Wed Feb 26, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469676&include_contexts=course_335384)	4pm to 5pm
Thu Feb 27, 2025	Lecture 10 (https://rutgers.instructure.com/courses/335384/assignments/3564092)	due by 11:45am
	Office hours - Statics 2-27 (https://rutgers.instructure.com/calendar?event_id=1497102&include_contexts=course_335384)	12:30pm to 1:30pm
Fri Feb 28, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469677&include_contexts=course_335384)	4pm to 5pm
Mon Mar 3, 2025	Lecture 11 (https://rutgers.instructure.com/courses/335384/assignments/3564104)	due by 11:40am
Wed Mar 5, 2025	Exam 1 - Make-up S25 at 12 pm (https://rutgers.instructure.com/courses/335384/assignments/3625469)	due by 1:30pm
	Exam 1 - Makeup - Extra Credit - S25 (https://rutgers.instructure.com/courses/335384/assignments/3627861)	due by 1:30pm
	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469678&include_contexts=course_335384)	4pm to 5pm
	Exam 1 - Make-up S25 at 3:30 pm (https://rutgers.instructure.com/courses/335384/assignments/3625466)	due by 5pm
	Exam 1 - Makeup - Extra Credit - S25 at 3:30 pm (https://rutgers.instructure.com/courses/335384/assignments/3627862)	due by 5pm
Thu Mar 6, 2025	Lecture 12 (https://rutgers.instructure.com/courses/335384/assignments/3564100)	due by 11:45am
Fri Mar 7, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469679&include_contexts=course_335384)	4pm to 5pm
Sun Mar 9, 2025	#6 Rigid Body Equilibrium (https://rutgers.instructure.com/courses/335384/assignments/3564408)	due by 11pm

Date	Details	Due
	HW 6 (https://rutgers.instructure.com/courses/335384/assignments/3594608)	due by 11:59pm
Mon Mar 10, 2025	Lecture 13 (https://rutgers.instructure.com/courses/335384/assignments/3564108)	due by 11:45am
Wed Mar 12, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469680&include_contexts=course_335384)	4pm to 5pm
Thu Mar 13, 2025	Lecture 14 (https://rutgers.instructure.com/courses/335384/assignments/3564089)	due by 11:50am
Fri Mar 14, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469681&include_contexts=course_335384)	4pm to 5pm
Wed Mar 19, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469682&include_contexts=course_335384)	4pm to 5pm
Fri Mar 21, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469683&include_contexts=course_335384)	4pm to 5pm
Sun Mar 23, 2025	#7 Trusses (https://rutgers.instructure.com/courses/335384/assignments/3564411)	due by 11pm
	HW 7 (https://rutgers.instructure.com/courses/335384/assignments/3594611)	due by 11:59pm
Mon Mar 24, 2025	Lecture 15 (https://rutgers.instructure.com/courses/335384/assignments/3564117)	due by 11:45am
Wed Mar 26, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469684&include_contexts=course_335384)	4pm to 5pm
Thu Mar 27, 2025	Lecture 16 (https://rutgers.instructure.com/courses/335384/assignments/3564106)	due by 11:40am
Fri Mar 28, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469685&include_contexts=course_335384)	4pm to 5pm

Date	Details	Due
Sun Mar 30, 2025	#8 Frames and Machines (https://rutgers.instructure.com/courses/335384/assignments/3564417)	due by 11pm
	HW 8 (https://rutgers.instructure.com/courses/335384/assignments/3594614)	due by 11:59pm
Mon Mar 31, 2025	Lecture 17 (https://rutgers.instructure.com/courses/335384/assignments/3564112)	due by 11:45am
Wed Apr 2, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469686&include_contexts=course_335384)	4pm to 5pm
Thu Apr 3, 2025	Exam 2 - S25 - Extra Credit (https://rutgers.instructure.com/courses/335384/assignments/3652445)	due by 11:42am
	Exam 2 - SP25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3645671)	due by 11:42am
	Exam 2 - Extra Credit Placeholder (https://rutgers.instructure.com/courses/335384/assignments/3657038)	due by 11:59pm
Fri Apr 4, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469687&include_contexts=course_335384)	4pm to 5pm
Mon Apr 7, 2025	Lecture 18 (https://rutgers.instructure.com/courses/335384/assignments/3564116)	due by 11:45am
Wed Apr 9, 2025	Exam 2 - Make-up 12pm_S25 (https://rutgers.instructure.com/courses/335384/assignments/3652449)	due by 1:52pm
	Exam 2 - Make-up 12pm_S25 extra credit (https://rutgers.instructure.com/courses/335384/assignments/3652447)	due by 1:52pm
	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469688&include_contexts=course_335384)	4pm to 5pm
	Exam 2 - Make-up 3:30pm_S25 (https://rutgers.instructure.com/courses/335384/assignments/3652448)	due by 4:52pm

Date	Details	Due
	Exam 2 - Make-up 3:30pm_S25 extra credit-Copy (https://rutgers.instructure.com/courses/335384/assignments/3657045)	due by 4:52pm
Thu Apr 10, 2025	Lecture 19 (https://rutgers.instructure.com/courses/335384/assignments/3564096)	due by 11:45am
Fri Apr 11, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469689&include_contexts=course_335384)	4pm to 5pm
Sun Apr 13, 2025	#9 Beams (https://rutgers.instructure.com/courses/335384/assignments/3564410)	due by 11pm
	HW 9 (https://rutgers.instructure.com/courses/335384/assignments/3594616)	due by 11:59pm
Mon Apr 14, 2025	Lecture 20 (https://rutgers.instructure.com/courses/335384/assignments/3564107)	due by 11:45am
Wed Apr 16, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469690&include_contexts=course_335384)	4pm to 5pm
Thu Apr 17, 2025	Lecture 21 (https://rutgers.instructure.com/courses/335384/assignments/3564090)	due by 11:45am
Fri Apr 18, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469691&include_contexts=course_335384)	4pm to 5pm
Sun Apr 20, 2025	#10 Shear and Bending (https://rutgers.instructure.com/courses/335384/assignments/3564415)	due by 11pm
	HW 10 (https://rutgers.instructure.com/courses/335384/assignments/3594618)	due by 11:59pm
Mon Apr 21, 2025	Lecture 22 (https://rutgers.instructure.com/courses/335384/assignments/3564091)	due by 11:45am
Wed Apr 23, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469692&include_contexts=course_335384)	4pm to 5pm

Date	Details	Due
Thu Apr 24, 2025	Lecture 23 (https://rutgers.instructure.com/courses/335384/assignments/3564093)	due by 11:45am
Fri Apr 25, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469693&include_contexts=course_335384)	4pm to 5pm
Sun Apr 27, 2025	#11 Dry Friction (https://rutgers.instructure.com/courses/335384/assignments/3564407)	due by 11pm
	HW 11 (https://rutgers.instructure.com/courses/335384/assignments/3594620)	due by 11:59pm
Mon Apr 28, 2025	Lecture 24 (https://rutgers.instructure.com/courses/335384/assignments/3564113)	due by 11:45am
Wed Apr 30, 2025	Office Hour - Statics (https://rutgers.instructure.com/calendar?event_id=1469694&include_contexts=course_335384)	4pm to 5pm
Thu May 1, 2025	Lecture 25 (https://rutgers.instructure.com/courses/335384/assignments/3564102)	due by 11:45am
Mon May 5, 2025	Final Exam - S25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3675673)	due by 11:45am
	Final Exam - S25 - Extra Credit (09-12)) (https://rutgers.instructure.com/courses/335384/assignments/3675674)	due by 11:45am
Mon May 12, 2025	Final Exam - Make up_S25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3687124)	due by 1:25pm
	Final Exam Make Up- Extra Credit_S25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3687129)	due by 1:25pm
	Final Exam - Extra Credit Placeholder (https://rutgers.instructure.com/courses/335384/assignments/3688347)	due by 1:30pm
	Practice Exam 2 - 4 (https://rutgers.instructure.com/courses/335384/assignments/3641417)	due by 11:59pm

Date	Details	Due
	Practice Exam 2 - 5 (https://rutgers.instructure.com/courses/335384/assignments/3641418)	due by 11:59pm
Wed May 14, 2025	Office Hours (https://rutgers.instructure.com/calendar?event_id=1537112&include_contexts=course_335384)	12:30pm to 1:30pm
Thu May 15, 2025	Practice - Final Exam S25 (09-12) (https://rutgers.instructure.com/courses/335384/assignments/3672483)	due by 12am
	office hours (https://rutgers.instructure.com/calendar?event_id=1537381&include_contexts=course_335384)	9:30am to 10:30am
	Exam 1 - Extra Credit - place holder (https://rutgers.instructure.com/courses/335384/assignments/3627002)	