

ME 120 – Class Schedule Fall 2018

The following schedule is subject to change throughout the semester with updates announced in class. Due dates posted on other materials (such as the homework assignments) supersede those here.

Lecture	Date	Chapter / Topic	Assignment Due
1	Thursday 8/23	1-4: Introduction / Solid Mechanics Review	
2	Tuesday 8/28	1-4: Introduction / Solid Mechanics Review	
3	Thursday 8/31	5: Statitc Failure	HW 1
4	Tuesday 9/4	5: Statitc Failure	Quiz 1
5	Thursday 9/6	6: Fatigue Failure	HW 2
6	Tuesday 9/11	6: Fatigue Failure	Quiz 2
7	Thursday 9/13	7: Shafts and Shafts Component	HW 3
8	Tuesday 9/18	7: Shafts and Shafts Component	Quiz 3
9	Thursday 9/20	Review	HW 4
10	Tuesday 9/25	Exam 1	
11	Thursday 9/27	8: Fasteners	
12	Tuesday 10/2	8: Fasteners	
13	Thursday 10/4	10: Mechanical Springs	HW 5
14	Tuesday 10/9	10: Mechanical Springs	Quiz 4
15	Thursday 10/11	11: Rolling - Contact Bearings	HW 6
16	Tuesday 10/16	11: Rolling - Contact Bearings	Quiz 5
17	Thursday 10/18	12: Journal Bearings	HW 7
18	Tuesday 10/23	12: Journal Bearings	Quiz 6
19	Thursday 10/25	Review	HW 8
20	Tuesday 10/30	Exam 2	
21	Thursday 11/1	13: Gears - General	
22	Tuesday 11/6	13: Gears - General	Quiz 7
23	Thursday 11/8	14: Spur and Helical Gears	HW 9
24	Tuesday 11/13	15 : Bevel and Worm Gears	Quiz 8
25	Thursday 11/15	16: Clutches and Brakes	HW 10
26	Tuesday 11/20	16: Clutches and Brakes	Quiz 9
	Thursday 11/22	Thanksgiving Holliday	
27	Tuesday 11/27	16: Flywheels	HW 11
28	Thursday 11/29	17: Flexible Mechanical Element	
29	Tuesday 12/4	17: Flexible Mechanical Element	Quiz 10
30	Thursday 12/6	Review	HW 12
31	Saturday 12/8	Final Exam	

Textbook: *Shigley's Mechanical Engineering Design, Tenth Edition* by Budynas and Nisbett. (Earlier editions may be usable, though some equation numbers, sections, etc. may have changed. I recommend *against* any edition that presents only one set of units, since we will use both and some tables and equations are unit-specific.)

Assessment

Grading Weights:

- Homework assignments: 30%
- Three exams:
 - Exam 1: 20%
 - Exam 2: 20%
 - Final Exam: 30%

There is no extra credit in ME 120. There are no dropped exams, assignments, etc.

Missing Assignment / Exceptions / Late Assignments / re-grading / etc.

- Exceptions only for *prior* arrangement or *documented* medical emergency. These must be confirmed via email. The exam dates are fixed, so check ahead of time and make arrangements now if you will be unable to take an exam on the dates shown.
- Homework is turned in *right at the beginning* of class on the day they are due. Late homework will be marked for half credit. Homework cannot be turned in after solutions are posted.
- Unexcused missed assignments, quizzes, and exams are graded zero. (They may still show up as blank on CatCourses and not shown in course averages. The zeroes will still be filled in at the end of term.)
- Grading mistakes can happen - *remedy them right away!* If an assignment, or exam grade is misgraded or the grade is posted incorrectly to CatCourses (or not posted when it has been returned), please bring the item in question to the instructor's attention after class or during office hours *and* confirm via email *within one week* of the grade posting or item's return. DO NOT wait until near the end of term to bring such issues up. Note that any "blank" grades on CatCourses for graded work represent zeroes that haven't been posted yet, unless an exception is on file.

Office Hours:

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