

ME 120 – Class Schedule Fall 2017

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	Day	Chapter/Topic	Assignment Due
1	Aug 24	Thurs	1-4: Intro / SoM Review	
2	Aug 29	Tues	5: Static Failure	HW 1
3	Aug 31	Thurs	5: Static Failure	Quiz 1
4	Sept 5	Tues	6: Fatigue Failure	HW 2
5	Sept 7	Thurs	6: Fatigue Failure	Quiz 2
6	Sept 12	Tues	7: Shafts/Shaft Components	HW 3
7	Sept 14	Thurs	7: Shafts/Shaft Components	Quiz 3
8	Sept 19	Tues	8: Fasteners	HW 4
9	Sept 21	Thurs	8: Fasteners	Quiz 4
10	Sept 26	Tues	<i>Review</i>	HW 5
11	Sept 28	Thurs		Exam 1
12	Oct 3	Tues	10: Springs	
13	Oct 5	Thurs	10: Springs	Quiz 5
14	Oct 10	Tues	11: Rolling Element Bearings	HW 6
15	Oct 12	Thurs	11: Rolling Element Bearings	Quiz 6
16	Oct 17	Tues	12: Journal Bearings	HW 7
17	Oct 19	Thurs	12: Journal Bearings	Quiz 7
18	Oct 24	Tues	<i>Review</i>	HW 8
19	Oct 26	Thurs		Exam 2
20	Oct 31	Tues	TBD/practical	
21	Nov 2	Thurs	13: Gears General	Quiz 8
22	Nov 7	Tues	13: Gears General	HW 9
23	Nov 9	Thurs	14: Spur/Helical Gears	Quiz 9
24	Nov 14	Tues	15: Bevel/Worm Gears	HW 10
25	Nov 16	Thurs	16: Clutches/Brakes	Quiz 10
26	Nov 21	Tues	16: Flywheels	HW 11
	Nov 23	Thurs	Happy Thanksgiving!	
27	Nov 28	Tues	17: Flexible Elements	HW 12
28	Nov 30	Thurs	17: Flexible Elements	Quiz 11
29	Dec 5	Tues	<i>Review</i>	HW 13
30	Dec 7	Thurs		Exam 3

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, quizzes, and practical assignments (TBD): 25%
- Three mid-term exams:
 - Exam 1: 25%
 - Exam 2: 25%
 - Exam 3: 25%

There is no comprehensive final exam. When our schedule allows, the third exam is taken during the last week of class. If we fall behind during lecture, it may be pushed back to our final exam time.

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

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

- Exceptions only for *prior* arrangement or *documented* medical emergency. These need to be confirmed via email. The exam dates are pretty firm, so check ahead of time and make arrangements now if you will be unable to take an exam on the dates shown.
- Homeworks are turned in *right at the beginning* of class on the day they are due. E.g., if class starts at 9:00, then 9:01 is late and may be marked late for either zero or half credit. No credit is given for homework turned in after class.
- 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, quiz, 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:

Dr. Brokowski (mbrokowski@ucmerced.edu): AOA room 146, Tu/Th, 12:00 PM - 1:00 PM or by appointment

TA – TBA (??@ucmerced.edu): TBA, additional by appointment.