

Lecture 5 - Exam 1 Review

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schedule

- 1 Sep - Exam Review, Homework 2 Due
- 3 Sep - Axial Load (not on Exam 1)
- 4 Sep - Project 1 Due
- 8 Sep - Exam 1 (online, no recitation this day)
- 10 Sep - Axial Load

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review

exam

- 5 questions
- open book/note (but timed, these may not help you)
- Equation sheet posted to web-site/Blackboard
- Follow directions

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topics

- Chapter 1 - stress
 - Equilibrium
 - Internal forces
 - Normal stress
 - Shear stress
 - Allowable stress, limit state design

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- Chapter 2 - strain
 - Deformation
 - Normal strain
 - Shear strain

- Chapter 3 - mechanical behavior
 - Stress-strain
 - Strain energy
 - Poisson's ratio
 - Shear stress-strain