

**ENGR-2540**  
**Mechanics of Materials (3 cr.)**  
*Course Syllabus*  
Fall 2016

Text: Beer, Johnston, DeWolf, and Mazurek, *Mechanics of Materials*, 7<sup>th</sup> edition, McGraw Hill, 2015. ISBN 978-0-07-339823-5

Time: Thu 1-4

Place: KC-Room 0076

Instr.: Professor Jody Robinson, KC-2180

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**Description:**

This is a basic study of the theory of stresses and strains in beams, columns and thin walled cylinders including combined bending and direct stresses.

*(Prerequisite: ENGR-2050) Lecture: 3 hours*

**Evaluation:**

2 Semester Exams	50% (25% each)
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Comprehensive Final	40%
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Quizzes	5%
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Participation	5%
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Participation includes homework, attendance, and class involvement.

Students should be prepared at the start of each class for a quiz covering basic topics reviewed in the previous class.

No phones in class, bring calculator to every class, more than 2 class absences is an automatic full letter grade reduction per department policy.