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## 3IM1XW - EVIE MIGUEL

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Course Description. This course covers the fundamental concepts of structural mechanics with applications to marine, civil, and mechanical structures. Topics include analysis of small deflections of beams, moderately large deflections of beams, columns, cables, and shafts; elastic and plastic buckling of columns, thin walled sections and plates; exact and approximate methods; energy methods; principle of virtual work; introduction to failure analysis of structures.

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The syllabus section provides an overview of the course and information on lectures, recitations, lecture summary slides, content survey, lecture notes, homework, exams, grading, and recommended citation guidelines. ... Courses » Civil and Environmental Engineering » Engineering Mechanics I » Syllabus ... Massachusetts Institute of Technology.

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Syllabus | Hydrodynamics (13.012) | Mechanical Engineering ...

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This class was also offered in Course 13 (Department of Ocean Engineering) as 13.52. In 2005, ocean engineering subjects became part of Course 2 (Department of Mechanical Engineering), and the 13.52 designation was dropped in lieu of 2.96. Course Meeting Times. Lectures: 2 sessions / week, 1.5 hours / session

Syllabus | Structural Mechanics | Mechanical Engineering ...

10.000 Engineering Molecular Marvels: Careers and ChemE at MIT. Prereq: None Acad Year 2020-2021: Not offered Acad Year 2021-2022: U (Fall) 2-0-0 units. Exposes students to the ways in which chemical technologies have profoundly altered the course of history.

Syllabus | Mechatronics | Mechanical Engineering | MIT ...

Syllabus | Management in Engineering | Mechanical ...

Syllabus | Design of Ocean Systems | Mechanical ...

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### Education: Undergraduate | MIT Department of Mechanical ...

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~~Research Area: Mechanics | MIT Department of Mechanical ...~~

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This syllabus section provides information on course meeting times, lab topics, prerequisites, texts, required electronics kits, grading, and graduate credit. This is an archived course. A more recent version may be available at ocw.mit.edu .

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The curriculum involves basic subjects in chemistry and chemical engineering. Instead of continuing in depth in these areas, however, students also pursue study in another field, such as another engineering discipline, biology, biomedical engineering, economics, or management.

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