ME 27400 Basic Mechanics II
Sem. 1 and 2 SS. Class 3, cr. 3.
Prerequisite: ME 27000 or equivalent and ENGR 13200. Concurrent Prerequisite: MA 26200 or MA 26600
Review and extension of particle motion to include energy and momentum principles. Planar kinetics of rigid bodies. Kinetics for planar motion of rigid bodies including equations of motion and principles of energy and momentum. Introduction to three-dimensional kinematics of rigid bodies. Introduction to linear vibrations with emphasis on single-degree-of-freedom systems.
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TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

RE: ME 27400 Prerequisite Changes

The Faculty of the School of Mechanical Engineering has approved the following prerequisite change. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From:

ME 27400  Basic Mechanics II
Sem. 1, 2, & 3 Class 3, cr. 3
Prerequisite: ME 27000-Basic Mechanics I or equivalent
Concurrent Prerequisite: MA 26200-Linear Algebra and Differential Equations

Review and extension of particle motion to include energy and momentum principles. Planar kinetics of rigid bodies. Kinetics for planar motion of rigid bodies including equations of motion and principles of energy and momentum. Introduction to three-dimensional kinematics of rigid bodies. Introduction to linear vibrations with emphasis on single-degree-of-freedom systems.

To:

ME 27400  Basic Mechanics II
Sem. 1, 2, & 3 Class 3, cr. 3
Prerequisite: ME 27000-Basic Mechanics I or equivalent and ENGR 13200-Transforming Ideas to Innovation II
Concurrent Prerequisite: MA 26200-Linear Algebra and Differential Equations or MA 266-Ordinary Differential Equations

Review and extension of particle motion to include energy and momentum principles. Planar kinetics of rigid bodies. Kinetics for planar motion of rigid bodies including equations of motion and principles of energy and momentum. Introduction to three-dimensional kinematics of rigid bodies. Introduction to linear vibrations with emphasis on single-degree-of-freedom systems.

Reason: The added prerequisite of ENGR 13200 is needed because of the course change in the First-Year Engineering program.

James D. Jones, Associate Professor and Associate Head
School of Mechanical Engineering
TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

RE: ME 27400 Prerequisite Changes

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