TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: August 23, 2000

RE: ME 274 Course Description Changes

The Faculty of the School of Mechanical Engineering has approved the following changes in course topics effective Spring Semester 2001. This action is now submitted to the Engineering Faculty with a recommendation for approval.

FROM:
ME 274 Basic Mechanics II Sem. 1 and 2. SS. Class 3, cr. 2–3. Hours and credits to be arranged for each school. Prerequisite: three credit hours of ME 270 or equivalent; corequisite: MA 262.

Review and extension of particle motion to include energy and momentum principles. Planar kinematics 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 and kinetics of rigid bodies. Introduction to linear vibrations, with emphasis on single-degree-of-freedom systems.

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REASON: "Three dimensional kinetics" is no longer covered in ME 274. In its place the emphasis in linear vibrations has been expanded.

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS

CFR Minutes #929
Date 10/11/00
Chairman CFR C.D. Sutton

E. Daniel Hirleman, Head
School of Mechanical Engineering