

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: August 29, 2000

RE: ME 323 Course Description Changes

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

FROM:

ME 323 Mechanics of Materials Sem. 1 and 2. Class 3, cr. 3. Prerequisite: ME 270

Integrated approach to mechanics of materials emphasizing mechanics fundamentals as applied to machine design applications. Topics include: stress and strain in machine elements; mechanical properties of materials; extension, torsion and bending of members; thermal stress; pressure vessels; static indeterminacy.

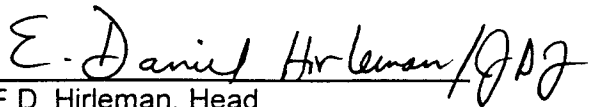
TO:

ME 323 Mechanics of Materials Sem. 1 and 2. Class 3, cr. 3. Prerequisite: ME 270

Integrated approach to mechanics of materials emphasizing mechanics fundamentals as applied to machine design applications. Topics include: stress and strain in machine elements; mechanical properties of materials; extension, torsion and bending of members; thermal stress; pressure vessels; static indeterminacy, stress transformation, Mohr's circle.

REASON: The updated description more accurately describes the current content of the course. The changes represent some slight changes in emphasis because of the evolution of the course. Specifically, the topics of "stress transformation" and "Mohr's circle" are covered in the class.

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


E.D. Hirleman, Head
School of Mechanical Engineering

CFR Minutes #929

Date 10/11/00

Chairman CFR C.D. Lutton