

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: August 23, 2000

RE: ME 569 Course Description Changes

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

FROM:

ME 569 Mechanical Behavior of Materials Sem. 2. Class 3, cr. 3 (el). Prerequisite: MSE 230.

A study of how loading conditions and environmental conditions can influence the behavior of materials in service. Elastic and plastic behavior, fracture, fatigue, low and high temperature behavior. Introduction to fracture mechanics. Emphasis is on methods of treating these conditions in design. Professor Hillberry.

TO:

ME 569 Mechanical Behavior of Materials Sem. 2. Class 3, cr. 3. Prerequisite: MSE 230.

A study of load and environmental conditions that influence the behavior of materials in service. Elastic and plastic behavior, fracture, fatigue, low and high temperature behavior. Fracture mechanics. Failure analysis case studies emphasis on design. Professor Hillberry.

REASON: The updated description more accurately describes the current content of the course. The changes are largely editorial with some slight changes in emphasis because of the evolution of the course. The elective course designation "(el.)" will also be deleted because it is inconsistent with the rest of the Undergraduate Catalog.

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

E. Daniel Hirtleman
E.D. Hirtleman, Head
School of Mechanical Engineering

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