

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: August 23, 2000

RE: ME 573 Course Description Changes

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

FROM:

ME 573 Interactive Computer Graphics (CS 535) Sem. 1. Class 2, lab. 3, cr. 3 (el.).

Prerequisite: competence in C++, C or Fortran programming and UNIX™.

The principles of computer graphics and interactive graphical methods for problem solving. Emphasis placed on both development and use of graphical tools for various display devices. Several classes of graphics hardware considered in detail. Topics include pen plotting, storage tubes, refresh, dynamic techniques, three dimensions, color, modeling of geometry, and hidden surface removal. Part of the laboratory involves use of an inter-active minicomputer graphics system. Professor Anderson.

TO:

ME 573 Interactive Computer Graphics (CS 535) Sem. 1. Class 2, lab. 3, cr. 3. Prerequisite: consent of instructor.

The principles of computer graphics and interactive graphical methods for problem solving. Emphasis placed on both development and use of graphical tools for various display devices. Several classes of graphics hardware considered in detail. Topics include hardcopy plotting, refresh displays, dynamic techniques, three dimensional transformations and hierarchical modeling, color, modeling of geometry, and hidden surface removal. Projects involve programming of interactive computer graphics applications. Professor Anderson and staff.

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 / JAJ
E.D. Hirtleman, Head
School of Mechanical Engineering

CFR Minutes # 929

Date 10/11/00

Chairman CFR C. D. Suttar