TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

DATE: August 23, 2000

RE: ME 574 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 574 Advanced Computer Graphics Applications (CS 574) Sem. 2. Class 3, cr. 3 (el). Prerequisite: ME 573.

Direct application of interactive computer graphics to selected independent research projects. The projects are chosen, developed, and implemented by the students in great detail, including documentation and presentation. Students will use a Megatek 7210 3D refresh display and/or Ramtek 9351 color raster display from a PDP 11/45 running UNIX^{TM}, or an Evans and Sutherland PS 300 from a Vax. Professor Anderson.

TO:
ME 574 Advanced Computer Graphics Applications (CS 574) Sem. 2. Class 3, cr. 3. Prerequisite: ME 573 (CS 535).

Study and application of advanced concepts of computer graphics, including high performance three dimensional interaction, scientific visualization, surface and solid modeling and engineering applications. Students select, design, and implement individual projects. Professor Anderson.

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. Specifically, the updated description does not provide the specifics of which software and/or machines will be used since they change so quickly. 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

929

10/11/00

C.D. Sutton

E. Daniel Hirleman

E.D. Hirleman, Head
School of Mechanical Engineering