

The Senate of Michigan Technological University

PROPOSAL 22-78

ASSOCIATE IN APPLIED SCIENCE DEGREE IN MECHANICAL DESIGN ENGINEERING TECHNOLOGY

BACKGROUND:

This proposal was developed by the School of Technology during the past four years. The final curriculum was developed by a committee consisting of Professors Bolio, Carstens, Tampas, Riipi, and Stebler of the School of Technology and Dr. Raymond Kauppila of the ME-EM Department. The program has the unanimous endorsement of the Faculty of the School of Technology. The Senate Curricular Policy Committee reviewed the proposal under Senate Proposal 10-70, Procedures for Developing Significant Changes in the Academic Program, and voted to recommend the proposal to the Senate for consideration.

PROPOSAL:

The Senate of Michigan Technological University approves of the establishment of an Associate in Applied Science degree in Mechanical Design Engineering Technology. A description of the program follows: *(Available by Request from the Senate Office)*

This program offers comprehensive training for the individual who wishes to develop his or her opportunities and capacity for a career as an engineering technician in the mechanical design field. The curriculum is coordinated to show a planned interrelationship between courses in mathematics, science, and laboratory-oriented technology courses, and is designed to familiarize the student with both the basic theory and practical applications common to current industrial practice.

The opportunities for graduates of this program are varied and interesting. In cooperation with the engineer, the mechanical design technician may aid in the refinement of existing designs or in the development of new ideas, prepare design layouts and working drawings, work as a laboratory technician, a production assistant, as a cost estimator or inspector, in plant maintenance, or in work related to research or development. The broad technical background offered by this program coupled with industrial experience will enable the graduate to attain future positions having challenging responsibilities and personal satisfaction.

Adopted by Senate : 4 May 1978

Approved by Administration: 11 September 1978 to begin Fall 1979