

January 15, 2009

09-047 APPLY TO THE STATE BOARD OF EDUCATION FOR  
APPROVAL OF THE ASSOCIATE OF APPLIED  
SCIENCE DEGREE: MICROELECTRONICS  
TECHNOLOGY: AUTOMATED MANUFACTURING  
TECHNOLOGY FOR PORTLAND COMMUNITY  
COLLEGE

PREPARED BY: Amy Alday-Murray, Curriculum Manager

FINANCIAL RESPONSIBILITY: Margie Fyfield, Division Dean, Science and Technology

APPROVED BY: Dr. Christine Chairsell, Vice President, Academic and Student Affairs  
Dr. Preston Pulliams, District President

REPORT: The proposed Associate of Applied Science degree is a degree option to the existing Associate of Applied Science degree in Microelectronics Technology. The program was designed to prepare individuals for careers as technicians in the automated manufacturing industry. Graduates of the program will operate, maintain, and troubleshoot automated equipment used in manufacturing for the semi conductor and solar cell industries, and in food and drug processing environments. Industry partners include Solar World-Hillsboro, Intel, Genentech, and other manufacturers using automated systems.

Individuals may continue their education beyond the AAS degree by completing a four-year Baccalaureate degree. All credits are transferable to the Oregon Institute of Technology and apply to a Bachelor's degree in Manufacturing Engineering Technology or Electrical Engineering Technology.

RECOMMENDATION: That the College be authorized to submit an application to the Oregon State Board of Education: Associate of Applied Science Degree: Microelectronics Technology: Automated Manufacturing Technology for Portland Community College