

March 20, 2008

08-072

AUTHORITY TO APPLY TO THE STATE BOARD OF
EDUCATION FOR APPROVAL OF THE ASSOCIATE
OF APPLIED SCIENCE: MICROELECTRONICS
TECHNOLOGY: SOLAR VOLTAIC MANUFACTURING

- PREPARED BY: Amy Alday-Murray, Curriculum Manager
- FINANCIAL RESPONSIBILITY: Margie Fyfield, Division Dean, Science and Technology, Rock Creek
- APPROVED BY: Dr. Christine Chairsell, Vice President Academic and Student Affairs
Dr. Preston Pulliams, District President
- REPORT: The proposed AAS degree is an option to the existing AAS in Microelectronics Technology. The program is designed to prepare individuals for a career in solar cell manufacturing. Graduates will monitor, evaluate, and troubleshoot the process of silicon transformation into ingots, wafers, and solar cells used to generate electricity for solar panels. The Microelectronics Technology Advisory Board has approved the implementation of the degree. The courses were developed in cooperation with employers. Internships will be available to students through the industry sector. Fifty-three credit hours will apply to a four-year baccalaureate degree in Manufacturing or Electrical Engineering Technology at the Oregon Institute of Technology.
- RECOMMENDATION: That the college be authorized to submit an application to the Oregon State Board of Education for an Associate of Applied Science degree in Microelectronics Technology: Solar Voltaic Manufacturing Technology.