

April 16, 2009

09-074

APPLY TO THE STATE BOARD OF EDUCATION FOR
APPROVAL OF THE CERTIFICATE: ELECTRONIC
ENGINEERING TECHNOLOGY: RENEWABLE
ENERGY SYSTEMS-RENEWABLE ENERGY SYSTEMS
CERTIFICATE FOR PORTLAND COMMUNITY
COLLEGE AND COLUMBIA GORGE COMMUNITY
COLLEGE

PREPARED BY: Amy Alday-Murray, Curriculum Manager

FINANCIAL RESPONSIBILITY: John McKee, Division Dean, Science and Engineering

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

REPORT: The development of the certificate is in response to the need for one-year training opportunities in the renewable energy industry. Projects related to the industry will be expanded and are expected to become a driving force in overcoming the current economic recession. Graduates of the certificate program qualify for entry-level operator positions in the renewable energy industry, including wind, solar, and fuel cells. Graduates may assist technicians with repair, servicing, and manufacturing of renewable systems by applying basic knowledge of electrical, electronics, mechanical, and hydraulics/pneumatics concepts.

Individuals may continue their course of study by completing the AAS in Electronic Engineering Technology: Renewable Energy Systems. All credits in the AAS degree are transferable to the Oregon Institute of Technology and apply to the Bachelor's degree in Electrical Engineering Technology. Students in the OIT program can specialize in renewable energy systems.

RECOMMENDATION: That the College be authorized to submit an application to the Oregon State Board of Education: Degree: Electronic Engineering Technology: Renewable Energy Systems – Renewable Energy Systems Certificate for Portland Community College and Columbia Gorge Community College