08-111

APPLY TO THE STATE BOARD OF EDUCATION FOR

APPROVAL OF THE ASSOCIATE OF APPLIED

SCIENCE: ELECTRONIC ENGINEERING

TECHNOLOGY: RENEWABLE ENERGY SYSTEMS

FOR PORTLAND COMMUNITY COLLEGE. TILLAMOOK BAY COMMUNITY COLLEGE, AND COLUMBIA GORGE COMMUNITY COLLEGE

PREPARED BY:

Amy Alday-Murray, Curriculum Manager

FINANCIAL

RESPONSIBILITY:

John McKee, Division Dean, Science and Engineering,

Portland Community College

Lori Gates, Dean of Instruction, Tillamook Bay

Community College

Susan Wolff, Dean of Instruction, Columbia Gorge

Community College

APPROVED BY:

Dr. Christine Chairsell, Vice President, Academic and

Student Affairs

Dr. Preston Pulliams, District President

REPORT:

The proposed Associate of Applied Science (AAS) degree in Renewable Energy Systems is designed to transfer directly into the four-year program in Electronic

Engineering Technology at Oregon Institute of

Technology (OIT). OIT faculty participated in the proposal development for this degree. The degree program will address the labor market need due to the emerging labor market in the field. Local employers have shared job projections which indicate a boom in the future. Upon completion, graduates will have a foundation which includes the basic principles of design/manufacturing/ operation of renewable energy technology and the ability to apply those principles to a variety of renewable energy systems and applications. The proposed degree is intended to complement the existing renewable energy training efforts at both Portland Community College and Columbia Gorge Community College in support of the

emerging market.

RECOMMENDATION: That the College be authorized to submit an application to the Oregon State Board of Education for Associate of Applied Science; Electronic Engineering Technology: Renewable Energy Systems for Portland Community College, Tillamook Bay Community College, and Columbia Gorge Community College