SUSTAINABLE ENERGY

College of Rural and Community Development 907-842-5109 or 800-478-5109 www.uaf.edu/rural/

Occupational Endorsement

Minimum Requirements for Occupational Endorsement: 12 credits

Providing education and training in energy efficiency and renewable energy, the sustainable energy occupational endorsement addresses many of the energy issues that influence Alaska communities and provides the basic academic preparation for entry-level sustainable energy careers. It also serves as a steppingstone into science- and engineering-related certificate, associate or bachelor's programs.

The program is structured as 6 credits of foundation knowledge and a minimum of 6 credit electives that allow students (in consultation with their advisor) to specialize in specific areas of sustainable energy. Some examples of how the electives can be formed into specific areas of study follow. Applicants must be 16 years old to be admitted.

• Energy Science

ENVI F101—Introduction to Environmental Science (3) PHYS F102X—Energy and Society (4)

Photovoltaic

CTT F100—Construction Technology Core (3) CTT F160—Photovoltaic Systems — Part I (5) CTT F161—Photovoltaic Systems — Part II (5)

Biomass

CTT F100—Construction Technology Core (3) ENVI F120—Home Energy Basics (1) CTT F250—Current Topics in Construction Trades: Biomass (2)

Wind

CTT F100—Construction Technology Core (3) ENVI F120—Home Energy Basics (1) CTT F250—Current Topics in Construction Trades: Turbine (2)

• Energy-Efficient Construction

CTT F100—Construction Technology Core CT S201—Cold Climate Construction (3)**

• Other areas of study related to sustainable energy

Occupational Endorsement Program

- 1. Complete the following admissions requirement: Be at least 16 years old by the first day of the semester in which you are admitted.
- 2. Complete the general university requirements (page 90).
- 3. Complete the occupational endorsement requirements (page 90).

- ** CT S201 is offered by the University of Alaska Southeast.

