Sustainable Energy Occupational Endorsement

This cutting edge degree program prepares students for entry-level employment in the rapidly growing sustainable energy industry. As fossil fuel reserves decrease the need to examine our energy needs and production methods will continue to increase. The two pillars of sustainable energy, renewable energy and energy efficiency, lay the foundation for students to specialize in their interest area and can serve as stepping-stones towards further degrees in science and engineering. Some courses are offered with asynchronous online registration which provides flexible login times to accommodate remote students with busy schedules. With bright horizons for career growth, there’s never been a better time to invest in yourself, the environment, and our shared energy future. For information regarding scholarships and registration talk to an academic advisor today! Or login to http://www.uaf.edu/bbesl/sustainable-energy/

Program Basics
Renewable Energy
Energy Efficiency
Hands-on experience through electives
Options for 100% distance delivery
Independent Research Projects

Graduation Requirements:
Students must complete the following courses:

ENVI F220—Intro to Sustainable Energy (3 cr.)
CTT F106—Construction Math (3 cr.)
or TTCH F131—Math for the Trades (3 cr.)
or DEVM F105—Intermediate Algebra (3 cr.)

AND

Complete at least 6 credits from electives:* 
CT S201—Cold Climate Construction (3 cr.)**
CTT F100—Construction Technology Core (3 cr.)
CTT F160—Photovoltaic Systems – Part I (5 cr.)
CTT F161—Photovoltaic Systems – Part II (5 cr.)
CTT F250—Current Topics in Construction Trades (1-3 cr.)
ENVI F101—Introduction to Environmental Science (3 cr.)
ENVI F120—Home Energy Basics (3 cr.)
PHYS F102X—Energy and Society (4 cr.)
or other advisor approved electives

Total: 12 credits
* Students must earn a C grade (2.0) or better in each course.

Example Occupations for Graduates:
Weatherization Technician
Renewable Energy Technician
Tribal Environmental Assistant
Facilities Systems Maintenance Worker
Education Support Staff

Occupations (with additional training):
Certified Wind or Solar Technician
Green Building Consultant
Energy Auditor
Energy Efficiency Consultant

Continuing Educational Opportunities:
Environmental Studies Certificate
Associate of Applied Science
Associate of Science
Bachelor’s in Science or Engineering

Contact UAF Bristol Bay Campus for more information:
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