


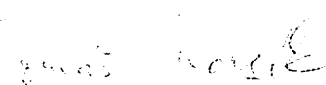
C. PROVISION FOR REVIEW SIGNATURES OF PREPARATION:



Advisory Council Representative

2.15.11

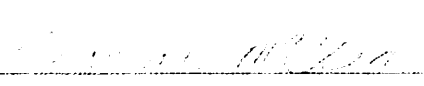
Date



Program Head

2/15/2011

Date



Director, UAF Bristol Bay Campus

2-17-11

Date

See electronic record.

Dean, College of Rural and Community Development


Date

See electronic record.

College of Rural and Community Development
Academic Council

Date

SIGNATURES FOR APPROVAL:



Curricular Affairs Committee Chair

43. NOV 2011

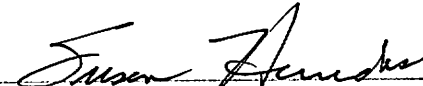
Date



President, UAF Faculty Senate

11/28/11

Date



Provost, UAF

11/29/11

Date



Chancellor, UAF

11/30/11

Date

UNIVERSITY
OF ALASKA

11/30/2011 - Completed Approval signatures - electronic!

Jayne Harvie <jbharvie@alaska.edu>

Fwd: Your Occupational Endorsement Request#14 for Sustainable Energy Has Been Approved

Crystal Frank <cafrank@alaska.edu>

Wed, Nov 30, 2011 at 9:08 AM

To: Tomas Marsik <tmarsik@alaska.edu>

Cc: Jayne Harvie <jbharvie@alaska.edu>, Pete Pinney <ppinney@alaska.edu>, Linda Curda <lrcurda@alaska.edu>

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NEW OCCUPATIONAL ENDORSEMENT REQUEST ([UA Regulation 10.04.02](#))

Request ID: 14

These programs require students to go through a formal admissions process; the timing and fees for such processes will be under the purview of the MAUs. As such, a high school diploma or its equivalency is required—and the student is eligible for federal financial aid. Students are recognized by Banner to be in a specific program (as opposed to non-degree seeking or undeclared) allowing tracking of enrollment, progress and graduation. Students participate in a unit-level graduation ceremony and receive a MAU standardized "Occupational Endorsement."

Date:	Thursday, October 6, 2011	Prepared by:	Crystal Frank
Email:	cafrank@alaska.edu	Phone:	+1 907 474 7143
Department:	RC Transfer	College/School:	UAF Rural College RC Transfer

Brief statement of the proposed endorsement, industry objectives and abbreviated student learning outcomes assessment and implementation plan:

B.

**BRIEF
STATEMENT OF
PROPOSED
ENDORSEMENT****Overview:**

Residents of the State of Alaska are plagued by the combination of high energy costs and high energy requirements. Volatile prices and diminishing non-renewable natural resources have left many fearing the likely possibility of continual cost increases. In recent years, there has been an incredible amount of human capital working in the legislature and within industry to reduce the cost of energy in Alaska as well as to develop the state's vast supply of renewable energy resources. Despite the increased interest in energy efficiency and renewable energy, there is a lack of educational and training opportunities for Alaska residents in the sustainable energy field. Often these positions are filled by out-of-state technicians.

The proposed Occupational Endorsement in Sustainable Energy will provide students with a

broad-based educational foundation based on the two pillars of sustainable energy: energy efficiency and renewable energy. This Occupational Endorsement will not specifically train a student for one career path but will teach the students a universal skill set that will be used for a broad range of careers including but not limited to energy-efficient construction and renewable energy systems maintenance and installation. These skills obtained by an Occupational Endorsement holder will then serve as a foundation for any realm of energy technician work

Occupational Endorsement will then serve as a qualification for any realm of energy technician work available in their communities. Training local students in these skills will not only give employers an opportunity to hire locally for technician work that is traditionally completed by non-local technicians, but will also support local economic development. In addition, graduates will be placed on a direct track towards further science and engineering programs such as the Environmental Studies Certificate, the A.A.S. in Renewable Resources or other degrees.

The mission of the Occupational Endorsement is to provide students, including Alaska Native and rural students, with quality academic instruction and training responsive to community and industry needs. This program will help empower graduates and their communities to adapt to the existing energy crisis while protecting and enriching local culture.

The Occupational Endorsement in Sustainable Energy is a 13-credit program proposed by UAF BBC of the CRCD and will prepare students for entry-level employment in the sustainable energy field, as well as serve as a stepping-stone for students pursuing a science and engineering-related certificate, associate or baccalaureate program.

Industry Objectives:

Identification of employability needs precipitating the development of this program came from analysis of a 2010 survey conducted by UAF BBC indicating the need throughout the state of Alaska and especially in rural areas for more graduates of sustainable energy-related educational and vocational training programs. In addition, UAF BBC held numerous meetings and conversations in the fall of 2010 with energy industry leaders regarding training and educational programs currently available in Alaska. The overwhelming consensus was that there is not only a lack of qualified entry-level employees but of training and educational programs as well.

An advisory committee consisting of community and industry leaders was formed in October 2010 and recommended the development of an occupational endorsement designed to address community and state-wide energy issues. Input from the committee regarding the knowledge and skills needed for entry level employment in the sustainable energy fields was incorporated into the proposed program.

Abbreviated Student Learning Outcomes Assessment and Implementation Plan:

The Student Learning Outcomes Assessment Plan has been designed to meet the objectives of the Occupational Endorsement. Assessment will be completed using an Individual Learning Outcomes Assessment Rubric, and an employer survey. The rubric will be filled out by the program coordinator and the survey will be completed by employers of interns and student-hires. The program coordinator will discuss the overall results with the Council of Advisors. See section VIII-D for a detailed student outcomes assessment and implementation plan.

Detailed Explanation (Format 3A):

[OEForm.doc](#)

Statement of Endorsement from Industry or Advisory Council Representative:

[OEFormStatement.pdf](#)

Student Learning Outcomes Assessment Plan:

[OEFormAssessment.pdf](#)

Regents Program Approval Summary Form:

[OEFormSummary.pdf](#)

Notes:

Final Decision Date: 2011-11-29

Final Decision: Approved

Actions taken on request:

User	Level	Action	Notes	Date
cafrank	Occupational Endorsement - Preparer	Save		10-06-2011 10:54:19
cafrank	Occupational Endorsement - Preparer	Update and Submit		10-06-2011 10:54:40

cafrank	Occupational Endorsement - College Dean's Office	Approved		10-06-2011 10:55:06
lrcurda	Occupational Endorsement - CRCD Curriculum Council Chair	Approved		11-08-2011 11:43:20
jbharvie	Occupational Endorsement - Governance Office Review	Approved		11-11-2011 15:01:29
cafrank	Occupational Endorsement - Curricular Affairs Chair	Approved	From: Rainer Newberry < rnewberry@alaska.edu > Date: Wed, Nov 23, 2011 at 2:08 PM Subject: Re: Housekeeping items for CAC To: Jayne Harvie < jbharvie@alaska.edu > Hi Jayne, Yes, I approve of the OE in sustainable energy. rainer	11-28-2011 09:55:32
cfcahill	Occupational Endorsement - Faculty Senate President	Approved	From: Rainer Newberry < rnewberry@alaska.edu > Date: Wed, Nov 23, 2011 at 2:08 PM Subject: Re: Housekeeping items for CAC To: Jayne Harvie < jbharvie@alaska.edu > Hi Jayne, Yes, I approve of the OE in sustainable energy. rainer Hi I approve of the OE in sustainable energy. However, the Regents Program Approval Summary Form appears to be the old Hex form and not the new form required for this. Check to make sure it is on the correct form before it goes forward. Cathy Cahill	11-28-2011 10:16:49
smhenrichs	Occupational Endorsement - Provost	Approved	From: Rainer Newberry < rnewberry@alaska.edu > Date: Wed, Nov 23, 2011 at 2:08 PM Subject: Re: Housekeeping items for CAC To: Jayne Harvie < jbharvie@alaska.edu > Hi Jayne, Yes, I approve of the OE in sustainable energy. rainer Hi I approve of the OE in sustainable energy. However the Regents	11-29-2011 19:36:23

			<p>However, the Regents Program Approval Summary Form appears to be the old Hex form and not the new form required for this. Check to make sure it is on the correct form before it goes forward. Cathy Cahill</p>	
bdrogers	Occupational Endorsement - Chancellor	Approved		11-29-2011 20:14:06

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Last updated: 2010-11-08

----- Forwarded message -----

From: <cafrank@alaska.edu>
 Date: Tue, Nov 29, 2011 at 8:14 PM
 Subject: Your Occupational Endorsement Request#14 Has Been Approved
 To: cafrank@alaska.edu

Dear Crystal Frank,

Your Occupational Endorsement Request# 14 has been approved.
 You can go to <http://www.alaska.edu/uaf/crcd> and look at all your requests.

Thank you.

Crystal Frank, Administrative Assistant
 College of Rural and Community Development
 PO Box 756500
 Fairbanks, AK 99775
 Toll free: [1-866-478-2721](tel:1-866-478-2721)
 Phone: [907-474-7143](tel:907-474-7143)
 Fax: [907-474-5824](tel:907-474-5824)
<http://www.uaf.edu/rural>