

# MONTANA BOARD OF REGENTS

## LEVEL II REQUEST FORM

Item No.:	146-2855-R0310	Date of Meeting:	March 4-5, 2010
Institution:	Montana State University-Great Falls COT		
Program Title:	Certificate of Applied Science – Sustainable Energy Technician		

Level II proposals require approval by the Board of Regents.

**Level II action requested (check all that apply):** Level II proposals entail substantive additions to, alterations in, or termination of programs, structures, or administrative or academic entities typically characterized by the (a) addition, reassignment, or elimination of personnel, facilities, or courses of instruction; (b) rearrangement of budgets, cost centers, funding sources; and (c) changes which by implication could impact other campuses within the Montana University System and community colleges. Board policy 303.1 indicates the curricular proposals in this category:

- 1. Change names of degrees (e.g. from B.A. to B.F.A.)
- 2. Implement a new minor or certificate where there is no major or no option in a major;
- 3. Establish new degrees and add majors to existing degrees;
- 4. Expand/extend approved mission; and
- 5. Any other changes in governance and organization as described in Board of Regents' Policy 218, such as formation, elimination or consolidation of a college, division, school, department, institute, bureau, center, station, laboratory, or similar unit.

### **Specify Request:**

The Montana Board of Regents approves Montana State University-Great Falls COT to offer a Certificate of Applied Science - Sustainable Energy Technician. In August 2009, MSU-Great Falls College of Technology, MSU-Northern, MSU-Billings College of Technology, and Montana Tech-College of Technology received temporary approval of the Certificate of Applied Science in Industrial and Energy Technology through the Level I process in August, 2009. We request formal approval to both rename and offer this program through the Level II at this time.

In the summer of 2009, the partner campuses joined together in a Wind Energy Technology Consortium, the Wind Montana Project. The Consortium received a grant from the Department of Labor to develop programs in Industrial Trades and Renewable Energy Technology. The partner campuses formed an Academic Implementation Team that partnered with the Wind Montana Project Industrial Advisory Board to develop curriculum for the project.

At the August 3, 2009 meeting, the Board of Regents authorized the partner campuses to offer the Certificate of Applied Science in Industrial and Energy Technology. That common CAS program is being offered on two of those campuses – MSU-Northern and Montana Tech COT. The other two partner campuses will begin offering the CAS fall 2010.

In addition to several course and competency changes to the CAS, the Industry Advisory Board (see Appendix D) suggested a program name change to “Sustainable Energy Technician.” There are two reasons for the change:

- Program outcomes are broad based and apply to employment in numerous areas ranging from traditional energy (transmission, power-plants, etc.) to renewable fields such as wind, solar, and geothermal (see Appendix C). Graduates may also find employment in many industrial settings because of the broad-base of trades skills they will learn.
- The word “technician” in the program title identifies program graduates as field technicians. The Industry Advisory Board emphasized the importance of differentiating it from “energy technology” which is typically used for engineering programs.

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<b>Item No.:</b>	<b>146-2855-R0310</b>	<b>Date of Meeting:</b>	<b>March 4-5, 2010</b>
<b>Institution:</b>	<b>Montana State University-Northern</b>		
<b>Program Title:</b>	<b>Certificate of Applied Science – Sustainable Energy Technician</b>		

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**Specify Request:**

The Montana Board of Regents approves Montana State University-Northern to offer a Certificate of Applied Science - Sustainable Energy Technician. In August 2009, MSU-Great Falls College of Technology, MSU-Northern, MSU-Billings College of Technology, and Montana Tech-College of Technology received temporary approval of the Certificate of Applied Science in Industrial and Energy Technology through the Level I process in August, 2009. We request formal approval to both rename and offer this program through the Level II at this time.

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<b>Institution:</b>	<b>Montana State University-Billings COT</b>		
<b>Program Title:</b>	<b>Certificate of Applied Science – Sustainable Energy Technician</b>		

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**Specify Request:**

The Montana Board of Regents approves Montana State University-Billings COT to offer a Certificate of Applied Science - Sustainable Energy Technician. In August 2009, MSU-Great Falls College of Technology, MSU-Northern, MSU-Billings College of Technology, and Montana Tech-College of Technology received temporary approval of the Certificate of Applied Science in Industrial and Energy Technology through the Level I process in August, 2009. We request formal approval to both rename and offer this program through the Level II at this time.

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<b>Institution:</b>	Montana Tech - COT		
<b>Program Title:</b>	Certificate of Applied Science – Sustainable Energy Technician		

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