

MONTANA BOARD OF REGENTS

LEVEL II REQUEST FORM

Item No.:	142-403-R0309	Date of Meeting:	March 5-6, 2009
Institution:	Miles Community College		
Program Title:	A.A.S. in Biofuels Energy		

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;
- X 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:

Miles Community College seeks approval to offer an AAS in Biofuels Energy. This program will provide students with hands-on learning experiences in the operation of seed presses and reactors needed to produce biofuels. In addition, the students will study science courses to better understand the chemical composition of the fuel and the required standards of production. Biological and plant science classes will also be taken to learn about the growth cycle and composition of the seed stock required to make biofuel. Finally, a feeds and feeding course concludes the program where students learn of the nutritional value of the residue left from biofuels production and its quality in the feeding of livestock. Components of business courses have also been included in the program of study to prepare students who may want to be managers or entrepreneurs in the green energy industry.