

**Montana University System**  
**PROGRAM REVIEW**

**Institution:** Helena College University of Montana

**Program Years:** 2008-2012

**List of the programs reviewed:** Welding Technology

- Associate of Applied Science: Welding Technology
- Certificate of Applied Science: Welding Technology

**Decision(s) concerning the future of the program(s), based on the program review criteria established at the campus:**

The Program Review Committee of Helena College University of Montana recommends the continuation of the Welding Technology Program areas based on data findings and faculty recommendations.

**Rationale or justification for the decision based on the program review process established at the campus. Include graduation numbers and student majors for each of the last seven (7) years for every program under review.**

**Associate of Applied Science: Welding Technology**

Information gathered during the internal review process indicates the AAS Welding Technology has maintained a steady enrollment and aligns with community needs, preparing students for high skill, high demand, and high wage employment in Montana. The retention rate of students in the AAS Welding Technology (67%) is above the College average percentage. Our students complete and succeed in program courses at the rate of 97%. Our students matriculate and obtain positions in the welding industry, or transfer to additional training or to 4-year degree programs.

- Issue of concern: Lack of graduate employment data  
Lack of employer satisfaction data
- Response: Internal processes to capture graduate contact information to conduct a graduate employment survey are being developed to capture and record graduate employment data. Internal process to capture graduate employer satisfaction surveys are being developed to capture and record employer satisfaction.

**Program Goals FY2014**

1. Collaborate with business, industry, and the community as partners to provide a quality

- learning experience that gives graduates the best opportunity to gain employment
- 2. Solicit input from our constituents including, students, graduates, advisory board members, business, industry, faculty, staff, and administration concerning the operation and improvement of the program and career tracks
- 3. Assess student and program performance through the use of outcomes assessment, Program Review and Evaluation Process, job placement rates, employer and graduate surveys
- 4. Increase enrollment through recruiting efforts including; business, industry, government, professional organizations, and high schools

<b>AAS Welding Technology Program Review Data Summary</b>						
<b>Alignment with Community Needs (AAS/CAS Only)</b>						
Data Definition:	Current MT	Projected MT	Current U.S.	Projected U.S.		
A. Provide the total number of projected job openings from related occupations for Montana and the U.S.	1,340 (2008)	1,530 (2018)	337,300 (2010)	388,000 (2020)		
B. Provide percent change in job openings for related occupations for Montana and the U.S.		+14%		+15%		
C. Provide the median hourly wage or annual salary for related occupations	\$17.35 hourly		\$17.27 hourly			
Data Definition:	Year 1/2008	Year 2/2009	Year 3/2010	Year 4/2011	Year 5/2012	5 Yr Avg
D. Provide 5 years of in-field job placement rates for all program graduates	*N/A **N/A	*N/A **100%	*67% **78%	*N/A **65%	*N/A **N/A	<b>*67%</b> <b>**81%</b>
<b>Student Participation and Success</b>						
Data Definition:	Year 1 07/08	Year 2 08/09	Year 3 9/10	Year 4 10/11	Year 5 11/12	5 Year Ave
B. Provide program capacity (headcount)	40	42	45	45	48	<b>44</b>
C. Provide 5 years of enrollment (unduplicated headcount)	17	25	39	44	43	<b>34</b>
E. Annual percentage of program capacity	42%	59%	87%	92%	89%	<b>74%</b>
F. Provide 5 years of retention rates for full-time students	64%	50%	61%	83%	76%	<b>67%</b>
H. Provide 5 years of successful program course completion rates.	85%/91%	97%/95%	93%/94%	91%/95%	88%/90%	<b>91%/93%</b>
K. Provide 5 years of annual degree & certificate completions	3	7	18	16	14	<b>12</b>
L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE enrollment	8	18	42	35	33	<b>27</b>