Montana University System

PROGRAM REVIEW

Institution: **Helena College University of Montana**

Program Years: **2009-2015**

List of the programs reviewed:

Metals 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 Metals 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.

Information gathered during the internal review process indicates the Metals Technology Program has maintained consistent enrollment and aligns with community needs, preparing students with a wide variety of skills for moderate wage employment in Montana. Program enrollment and program completion has been stable over this review period. From 2009 through 2014, the Metals Technology Program has enrolled 16 students with an average of 3 completions per year.   This program is designed to give students the opportunity to gain a wider variety of skills by combining the areas of welding and machining with students spending one year in each area to receive their AAS degree. The exposure to both programs also often encourages students to receive multiple credentials by then attending the second year of either or both welding and machining programs.

Retention from fall to fall is 87% – slightly higher than average Helena College general student retention (59%) and higher than Helena College Trades Program student retention (69%).

Our students matriculate, obtain their AAS degrees and obtain positions in the manufacturing industry, or transfer to additional training or to 4-year degree programs. This program also gives those students who are in agricultural operations variable skills to maintain those operations.

1. Issue of concern: Lack of graduate employment data
                                        Lack of employer satisfaction data
2. Response: Internal processes to capture graduate contact information to conduct a graduate employment survey have been 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.

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3. Helena College has also partnered with the Department of Labor and Industry and the Office of the Commission of Higher Education to gain access to data for those students who have provided social security numbers.

Program Goals FY2015

1. To continue to provide students with the most up to date technology in the area of metals technology.
2. To increase the number of students in the metals technology program.
3. To maintain an excellent completion rate in the area of metals technology.
4. To increase the number of students who go on to get multiple credentials in the areas of welding and machining due to their participation in the metals technology program.

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Helena College – Metals Technology
Program Review Data Summary

Alignment with Community Needs (AAS/CAS Only)

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.	100 (2012)	1110 (2022)	26,300 (2012)	27,100 (2022)		
B. Provide percent change in job openings for related occupations for Montana and the U.S.		+11%		+3%		
C. Provide the median hourly wage or annual salary for related occupations	$16.12 hourly		$15.63 hourly			

Data Definition:	Year 1 2009	Year 2 2010	Year 3 2011	Year 4 2012	Year 5 2013	5 Year Ave
D. Provide 5 years of in-field job placement rates for all program graduates	*67% **100%	*11% **0%	*0%	N/A	N/A	**69%**
E. For applied programs with program admission provide five years of student application totals	N/A	N/A	N/A	N/A	N/A	N/A
F. For applied programs with program admission provide five years of students accepted totals	N/A	N/A	N/A	N/A	N/A	N/A

Student Participation and Success

Data Definition:	Year 1 09/10	Year 2 10/11	Year 3 11/12	Year 4 12/13	Year 5 13/14	5 Year Ave
A. Provide 5 years of transfer rates to 4-year colleges (AA/AS)						
B. Provide program capacity (headcount)	N/A	N/A	N/A	N/A	N/A	**N/A**
C. Provide 5 years of enrollment (annual unduplicated headcount)	28	19	9	10	13	**16**
D. Provide 5 years of enrollment (annual FTE)	31	20	9	8	11	**16**
E. Annual percentage of program capacity	N/A	N/A	N/A	N/A	N/A	**N/A**
F. Provide 5 years of retention rates for full-time students	87%	100%	86%	100%	60%	**87%**
G. Provide 5 years of retention rates for part-time students	0%	N/A	100%	N/A	N/A	**50%**
H. Provide 5 years of successful program course completion rates.						
I. Provide 5 years of graduation rates for full-time students *rate of students graduating within 150% of completion time*	69% Fall 07	79% Fall 08	79% Fall 09	100% Fall 10	100% Fall 11	**85%**
J. Provide 5 years of graduation rates for part-time students *rate of students graduating within 150% of completion time*	0% Fall 07	0% Fall 08	0% Fall 09	N/A Fall 10	N/A Fall 11	**0%**
K. Provide 5 years of annual degree & certificate completions	2	6	3	2	1	**3**
L. Provide 5 years of degree production rates – *proportion of degrees/certificates granted per 100 FTE enrollment*	6	30	33	25	9	**21**
M. Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable)	--	--	--	--	--	**--**

Fiscal and Physical Resources

Data Definition: Instructional costs include salaries, operations, less grant funding, gifts/donations from partners	Year 1 09/10	Year 2 10/11	Year 3 11/12	Year 4 12/13	Year 5 13/14	5 Year Ave
A. Provide 5 years of instructional cost/student (FTE)	N/A	N/A	N/A	N/A	N/A	**N/A**
B. Provide 5 years institutional expenditure/student (FTE)	$6,872	$6,024	$6,328	$7,473	$7,639	**$6,867**
C. Provide 5 years of instructional cost/student completion	N/A	N/A	N/A	N/A	N/A	**N/A**
D. Provide 5 years institutional expenditure/completion	$34,209	$33,220	$29,193	$34,780	$34,148	**$33,110**
E. Provide 5 years of student program fees-fund balance(s)	N/A	N/A	N/A	N/A	N/A	**N/A**
F. Provide 5 years of student program fees-student costs	N/A	N/A	N/A	N/A	N/A	**N/A**
G. Provide five years of tuition revenue (Annual FTE x Res Tuition)	N/A	$53,940	$23,526	$21,656	N/A	**$33,041**

Montana University System

Institution: **Helena College University of Montana**

Program Years: **2010-2015**

List of the programs reviewed:

Nursing

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 Nursing Programs 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.

Helena College UM conducts internal program review every 5 years, with a mid-cycle update occurring at the approximate mid-point of the 5-year cycle. Information gathered during the internal review process indicates the Nursing programs have maintained a steady enrollment and aligns with community needs, preparing students for high skill, high demand, and high wage employment in Montana. Program enrollment and program completion has been consistently high over this review period. From 2010 through 2015, the Nursing program has enrolled an average of 18 students for the RN program and 32 students for the PN program, with an average of 100% completions per year for both the RN and LPN students.

Retention from fall to fall is 95% for LPN's and 100% for RN's– higher than average Helena College general student retention (59%) and higher than Helena College Trades Program student retention (69%).

Our students matriculate, obtain their LPN or RN license and obtain positions in the medical field.

Issue of concern:

1. Implementation of the new statewide curriculum through the TAACCCT IV grant for both the RN and PN programs.

   Response: The new curriculum RN program will begin implementation in the Spring of 2017. The nursing faculty is currently developing that curriculum. The new curriculum LPN program will begin accepting students in the Spring of 2018. A phase out of the old curriculum is currently underway with the old curriculum PN program graduating the last cohort in May of 2017 and the old curriculum RN program graduating the last cohort in May of 2018.

Program Goals FY2015

1. Graduates will meet or exceed the national average for first time takers for the NCLEX-RN & PN (National Council Licensure Examination for Nurses).
2. Eighty percent (80%) of students admitted to the program will complete the program within one (1) academic year (two semesters).
3. Ninety (90%) of graduates actively seeking employment will be employed as an RN or LPN within one year of graduation.
4. Ninety (90%) of the surveys returned by graduates will indicate that they are satisfied with their education.

Nursing PN Program Review Data Summary

Alignment with Community Needs (AAS/CAS Only)

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.	2,740 (2012)	3,200 (2022)	738,400 (2012)	921,300 (2022)		
B. Provide percent change in job openings for related occupations for Montana and the U.S.		+17%		+25%		
C. Provide the median hourly wage or annual salary for related occupations	$18.53 hourly		$20.43 hourly			

Data Definition:	Year 1 2011	Year 2 2012	Year 3 2013	Year 4 2014	Year 5 2015	5 Year Ave
D. Provide 5 years of in-field job placement rates for all program graduates	*87%	100%	100%	100%	100%	97%
E. For applied programs with program admission provide five years of student application totals	44	46	38	49	59	47
F. For applied programs with program admission provide five years of students accepted totals	32	32	32	32	32	32

Student Participation and Success

Data Definition:	Year 1 10/11	Year 2 11/12	Year 3 12/13	Year 4 13/14	Year 5 14/15	5 Year Ave
A. Provide 5 years of transfer rates to 4-year colleges (AA/AS)						
B. Provide program capacity (headcount)	32	32	32	32	32	32
C. Provide 5 years of enrollment (annual unduplicated headcount)	30	36	47	34	37	37
D. Provide 5 years of enrollment (annual FTE)	24	27	30	28	30	28
E. Annual percentage of program capacity	94%	112%	147%	106%	116%	116%
F. Provide 5 years of retention rates for full-time students	100%	100%	75%	100%	100%	95%
G. Provide 5 years of retention rates for part-time students	N/A	N/A	N/A	N/A	N/A	N/A
H. Provide 5 years of successful program course completion rates. (fall semester/spring semester)	100%/ 100%	100%/ 96%	97%/ 99%	99%/ 99%	100%/ 100%	99%/99%
I. Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time	N/A Fall 08	100% Fall 09	100% Fall 10	100% Fall 11	N/A Fall 12	100%
J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time	N/A Fall 08	N/A Fall 09	N/A Fall 10	N/A Fall 11	N/A Fall 12	N/A
K. Provide 5 years of annual degree & certificate completions	24	30	29	30	32	29
L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE enrollment	100	110	97	107	106	104
M. Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable)	100%	100%	100%	100%	100%	100%

Fiscal and Physical Resources

Data Definition: Instructional costs include salaries, operations, less grant funding, gifts/donations from partners	Year 1 10/11	Year 2 11/12	Year 3 12/13	Year 4 13/14	Year 5 14/15	5 Year Ave
A. Provide 5 years of instructional cost/student (FTE)	$11,011	$10,196	$8,894	$7,048	$5,351	$8,500
B. Provide 5 years institutional expenditure/student (FTE)	$6,049	$6,353	$7,473	$7,639	$8,109	$7,125
C. Provide 5 years of instructional cost/student completion	$11,011	$9,176	$9,201	$6,578	$5,016	$8,196
D. Provide 5 years institutional expenditure/completion	$33,220	$29,193	$34,780	$34,148	$32,436	$32,755
E. Provide 5 years of student program fees-fund balance(s)	$29,295	$24,674	$21,584	$29,041	$23,706	$25,660
F. Provide 5 years of student program fees-student costs	$30,869	$31,721	$33,572	$21,395	$21,496	$27,811
G. Provide five years of tuition revenue (Annual FTE x Tuition Rev)	$65,904	$80,325	$98,520	$70,616	N/A	$78,841

Montana University System
PROGRAM REVIEW

Nursing RN Program Review Data Summary						
Alignment with Community Needs (AAS/CAS Only)						
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.	8,780 (2012)	10,560 (2022)	2,711,500 (2012)	3,238,400 (2022)		
B. Provide percent change in job openings for related occupations for Montana and the U.S.		+20%		+19%		
C. Provide the median hourly wage or annual salary for related occupations	$28.78 hourly		$32.04 hourly			
Data Definition:	Year 1 2011	Year 2 2012	Year 3 2013	Year 4 2014	Year 5 2015	5 Year Ave
D. Provide 5 years of in-field job placement rates for all program graduates	*80%	100%	100%	100%	96%	**96%**
E. For applied programs with program admission provide five years of student application totals	32	42	32	36	42	**37**
F. For applied programs with program admission provide five years of students accepted totals	16	16	16	16	24	**18**
Student Participation and Success						
Data Definition:	Year 1 10/11	Year 2 11/12	Year 3 12/13	Year 4 13/14	Year 5 14/15	5 Year Ave
A. Provide 5 years of transfer rates to 4-year colleges (AA/AS)						
B. Provide program capacity (headcount)	16	16	16	16	24	**18**
C. Provide 5 years of enrollment (annual unduplicated headcount)	17	16	17	16	25	**18**
D. Provide 5 years of enrollment (annual FTE)	11	13	13	13	15	**13**
E. Annual percentage of program capacity	106%	100%	106%	100%	100%	**102%**
F. Provide 5 years of retention rates for full-time students	100%	100%	100%	100%	100%	**100%**
G. Provide 5 years of retention rates for part-time students	100$	100%	100%	N/A	80%	**95%**
H. Provide 5 years of successful program course completion rates. (fall semester/spring semester)	95%/100%	100%/100%	100%/100%	100%/100%	95%/99%	**98%/99%**
I. Provide 5 years of graduation rates for full-time students *rate of students graduating within 150% of completion time*	100% Fall 08	100% Fall 09	100% Fall 10	N/A Fall 11	N/A Fall 12	**100%**
J. Provide 5 years of graduation rates for part-time students *rate of students graduating within 150% of completion time*	100% Fall 08	100% Fall 09	100% Fall 10	N/A Fall 11	N/A Fall 12	**100%**
K. Provide 5 years of annual degree & certificate completions	15	16	16	16	16	**16**
L. Provide 5 years of degree production rates – *proportion of degrees/certificates granted per 100 FTE enrollment*	136.4	123.1	123.1	123.1	106.7	**122.5**
M. Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable)	88%	94%	94%	88%	100%	**93%**
Fiscal and Physical Resources						
Data Definition: Instructional costs include salaries, operations, less grant funding, gifts/donations from partners	Year 1 10/11	Year 2 11/12	Year 3 12/13	Year 4 13/14	Year 5 14/15	5 Year Ave
A. Provide 5 years of instructional cost/student (FTE)	$13,372	$11,359	$12,488	$19,064	$19,295	**$15,116**
B. Provide 5 years institutional expenditure/student (FTE)	$6,049	$6,353	$7,473	$7,639	$8,109	**$7,125**
C. Provide 5 years of instructional cost/student completion	$9,806	$9,229	$10,147	$15,489	$18,089	**$12,552**
D. Provide 5 years institutional expenditure/completion	$33,220	$29,193	$34,780	$34,148	$32,436	**$32,755**
E. Provide 5 years of student program fees-fund balance(s)	$29,295	$24,674	$21,584	$29,041	$23,706	**$25,660**
F. Provide 5 years of student program fees-student costs	$30,869	$31,721	$33,572	$21,395	$21,496	**$27,811**
G. Provide five years of tuition revenue (Annual FTE x Tuition Rev)	$30,206	$38,675	$42,692	$32,786	N/A	**$36,090**