PROGRAM REVIEW

Program Years: 2011 - 2017

List of the programs reviewed:

- C.A.S / A.A.S in Computer Technology
- C.A.S / A.A.S in Office Technology
- C.A.S / A.A.S in Welding Technology

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

C.A.S / A.A.S in Computer Technology

The Program Review Committee of Helena College University of Montana recommends the continuation of the Computer Technology Program.

C.A.S / A.A.S in Office Technology

The Program Review Committee of Helena College University of Montana recommends the continuation of the Office Technology Program.

C.A.S / A.A.S in Welding Technology

The Program Review Committee of Helena College University of Montana recommends the continuation of the Welding Technology Program.

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.

Please see attached detailed reviews.

PROGRAM REVIEW

Institution: He	elena College University of Montana	
Program Years:	2012-2018	
List of the pro	ograms reviewed:	
Computer Ted	chnology	

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 Computer 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 Computer Technology Program has 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 shown a minimal decline over this review period. From 2012 through 2017, the Computer Technology Program has enrolled an average of 100 students with an average of 20 completions per year.

Retention from fall to fall is 59% – higher than the average Helena College general student retention (52.4%).

Our students matriculate, obtain their Associate of Applied Science and/or Certificate of Applied Science and obtain positions as network administrators, programmers, or computer skills specialists or transfer to additional training or to 4-year degree programs. Internships are encouraged for all Associate of Applied Science Computer Technology students.

Program Goals FY2018

- 1. Use the new student course assessment system to map course student learning outcomes to degree outcomes and degree outcomes to College institutional competences.
- 2. Organize and participate in the CT Round Table Forum in the fall of 2018 to increase the visibility of the CT program and allow students to network with area professionals.
- 3. CT faculty will organize and participate in the interview and resume day in the spring of 2019.

PROGRAM REVIEW

Program Review Data Summary							
Alignment with Community Needs							
Data	Definition:	Current MT	Projected MT	Current U.S.	Projected U.S.		
A.	Provide the total number of projected job openings for related occupations for Montana and the U.S. 2014-2025	4,543	5,226	1,478,100	1,570,600		
B.	Provide percent change in job openings for related occupations for Montana and the U.S. 2014-2025		+15.0%		+6.2%		
C.	Provide the median hourly wage or annual salary for related occupations	\$57,852		\$67,900			
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
D.	Provide 5 years of in-field job placement rates for all program graduates	69% \$34,937	78% \$29,353	76% \$38,738	87% \$30,686	82% \$29,713	79% \$32,347
Stud	lent Participation and Success						
Data	Definition:	Year 1 12/13	Year 2 13/14	Year 3 14/15	Year 4 15/16	Year 5 16/17	5 Year Ave
Α.	Provide 5 years of transfer rates to 4-year colleges (AA/AS)						
В.	Provide program capacity (headcount)	N/A	N/A	N/A	N/A	N/A	N/A
C.	Provide 5 years of enrollment (unduplicated headcount)	131	102	94	87	85	100
D.	Provide 5 years of enrollment (FTE)	85	67	60	55	55	64
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	42%	50%	64%	74%	58%	59%
G.	Provide 5 years of retention rates for part-time students	37%	50%	45%	33%	60%	45%
Н.	Provide 5 years of successful program course completion rates.	71%	70%	71%	74%	74%	72%
I.	Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time	35%	24&	16%	19%	36%	26%
J.	Provide 5 years of graduation rates for part-time students <i>rate</i> of students graduating within 150% of completion time	9%	1%	0%	12%	50%	14%
K.	Provide 5 years of annual degree & certificate completions	20	16	14	31	21	20
L.	Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE	23	24	23	56	38	31
M.	Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable)	N/A	N/A	N/A	N/A	N/A	N/A
Fisca	al and Physical Resources						
	Definition: Instructional costs include salaries, operations, grant	Year 1	Year 2	Year 3	Year 4	Year 5	5 Year
	ling, and gifts/donations	FY13	FY14	FY15	FY16	FY17	Ave
A.	Provide 5 years of instructional cost/student (FTE)	\$2,232	\$3,005	\$3,528	\$3,922	\$3,337	\$3,205
В.	Provide 5 years institutional expenditure/student (FTE)	\$7,473	\$7,396	\$8,010	\$8,344	\$9,921	\$8,229
C.	Provide 5 years of instructional cost/graduate	\$9,485	\$12,583	\$15,122	\$6,959	\$8,739	\$10,577
D.	Provide 5 years institutional expenditure/graduate	\$36,963	\$30,245	\$32,436	\$26,942	\$33,174	\$31,952
E.	Provide 5 years of student program fees-fund balance(s)	\$4,440	\$3,780	\$1,864	\$1,120	\$806	\$2,402
F.	Provide 5 years of student program fees-student costs	\$3,113	\$1,011	\$550	\$804	\$0	\$1,096
G.	Provide five years of tuition revenue	\$254,007	\$182,307	\$160,740	\$150,093	\$146,080	\$178,645

PROGRAM REVIEW

Institution: He	elena College University of Montana	
Program Years:	2012-2018	
List of the pro	ograms reviewed:	
Office Techno	ology	

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 Office 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 Office Technology Program has maintained a steady enrollment and aligns with community needs, preparing students for high-skill and high-demand employment in Montana. Program enrollment and program completion has been trending down over this review period, although it is important to keep in mind that 2011 and 2012 were the height of the recession enrollment boom. Compared statistically with the pre-recession statistics, the OT program has maintained enrollment. From 2012 through 2017, the Office Technology Program has enrolled an average of 72 students with an average of 24 completions per year.

Retention from fall to fall is 63% – higher than the average Helena College general student retention (52.4%).

Our students matriculate, obtain their Associate of Applied Science and/or Certificate of Applied Science and obtain positions as legal, medical, and general administration support or transfer to additional training or to 4-year degree programs.

Program Goals FY2018

- 1. Finalize and implement name change for Program and associated degree and certificate options and increased marketing.
- 2. Continue to pursue efforts with articulation agreement with Missoula College's Paralegal Program and Tribal Colleges.
- 3. Continue to pursue efforts with internship and apprenticeship opportunities with Montana Apprenticeship program.
- 4. Develop and educate faculty, staff, advisors, and recruiters of the professional and high academic rigor that is associated with the Office Technology program.

PROGRAM REVIEW

Data Definition: Current Projected U.S.	Program Review Data Summary									
A. Provide the total number of projected job openings for related occupations for Montana and the U.S. 2016-2026 B. Provide precent change in job openings for related occupations for Montana and the U.S. 2016-2026 C. Provide program in job openings for related occupations for Montana and the U.S. 2016-2026 C. Provide the median hourly wage or annual salary for related occupations for Montana and the U.S. 2016-2026 C. Provide the median hourly wage or annual salary for related occupations for Montana and the U.S. 2016-2026 C. Provide the median hourly wage or annual salary for related occupations Sal1,890-544,970 Data Definition: Year 1 Year 2 Year 3 Year 4 Year 5 11/12 12/13 13/14 14/15 15/16 D. Provide 5 years of in-field job placement rates for all 88% 74% 84% 92% 82% 82% 92% 82% 92% 92% 92% 92% 92% 92% 92% 92% 92% 9							nment with Community Needs	Alig		
related occupations for Montana and the U.S. 2016- 2026 B. Provide percent change in job openings for related occupations for Montana and the U.S. 2016-2026 C. Provide the median hourly wage or annual salary for s44,970 Part 1 Year 2 Year 3 Year 4 Year 5 11/12 12/13 13/14 14/15 15/16 D. Provide 5 years of in-field job placement rates for all program graduates Data Definition: Year 1 Year 2 Year 3 Year 4 Year 5 11/12 12/13 13/14 14/15 15/16 D. Provide 5 years of in-field job placement rates for all program graduates Student Participation and Succes Data Definition: Year 1 Year 2 Year 3 Year 4 Year 5 11/12 12/13 14/15 15/16 5/17 A. Provide 5 years of transfer rates to 4-year colleges (AA/AS) B. Provide 9 years of enrollment (unduplicated headcount) 121 94 59 49 35 D. Provide 5 years of renolment (FTE) 69 49 31 27 17 P. Provide 5 years of retention rates for full-time students 53% 31% 171% 86% 75% 6 G. Provide 5 years of retention rates for full-time students 53% 31% 171% 86% 75% 6 G. Provide 5 years of graduation rates for full-time students 14% 30% 44% 100% 50% 18% 17% 17% 10% completion rates. I. Provide 5 years of graduation rates for part-time students 14% 30% 44% 100% 50% 18% 17% 17% 10% completion time V. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time V. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time V. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time V. Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable) Fiscal and Physical Resources Data Definition: Vear 1 Year 2 Year 3 Year 4 Year 5 177 100 of degrees/certificates granted per 100 FTE N. Provide 5 years of instructional costs include salaries, Year 1 Year 2 Year 3 Year 4 Year 5 Year 4 Year 5 Year 4 Year 5 Year 4 Year 5 Year 5 Year 4 Year 5 Year 5 Year 4 Year 5 Year							Definition:	Data		
Occupations for Montana and the U.S. 2016-2026 S31,890 S44,970 S45,340			4,616,300	4,624,800	16,197	14,916	related occupations for Montana and the U.S. 2016-	A.		
Part			0%		+9%			В.		
11/12 12/13 13/14 14/15 15/16								C.		
Student Participation and Success S21,121 \$24,646 \$22,640 \$15,559 \$22,666 \$24,640 \$15,559 \$22,666 \$24,640	5 Year Ave						Definition:	Data		
Data Definition: Year 1	84% \$22,237				-		· · · · · · · · · · · · · · · · · · ·	D.		
A. Provide 5 years of transfer rates to 4-year colleges (AA/AS) B. Provide 5 years of enrollment (unduplicated headcount) C. Provide 5 years of enrollment (unduplicated headcount) D. Provide 5 years of enrollment (FTE) E. Annual percentage of program capacity N/A N/A N/A N/A N/A N/A N/A N/							lent Participation and Success	Stud		
B. Provide program capacity (headcount) N/A	5 Year Ave						Definition:	Data		
C. Provide 5 years of enrollment (unduplicated headcount) 121 94 59 49 35 D. Provide 5 years of enrollment (FTE) 69 49 31 27 17 E. Annual percentage of program capacity N/A								A.		
D. Provide 5 years of enrollment (FTE) E. Annual percentage of program capacity F. Provide 5 years of retention rates for full-time students F. Provide 5 years of retention rates for full-time students G. Provide 5 years of retention rates for part-time students H. Provide 5 years of successful program course completion rates. 73% 64% 69% 71% 74% The provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, year 1 Year 2 Year 3 Year 4 Year 5 operations, grant funding, and gifts/donations Fyria Fyri	N/A	N/A	N/A	N/A	N/A	N/A	Provide program capacity (headcount)	В.		
E. Annual percentage of program capacity R. Provide 5 years of retention rates for full-time students G. Provide 5 years of retention rates for part-time students H. Provide 5 years of successful program course completion rates. R. Provide 5 years of graduation rates for part-time students R. Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations R. Provide 5 years of instructional cost/student (FTE) R. Provide 5 years of instructional cost/graduate S. Provide 5 years of instructional cost/graduate R. Provide 5 years of instructional cost/graduate S. Provide 5 years of instructional cost/graduate R. Provide 5 years of instructional cost/graduate S. Provide 5 years of instructional cost/graduate E. Annual percention in survey and instructional cost/graduate S. Provide 5 years of instructional cost/graduate	72	35	49	59	94	121	Provide 5 years of enrollment (unduplicated headcount)	C.		
F. Provide 5 years of retention rates for full-time students G. Provide 5 years of retention rates for part-time students 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 J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	38	17	27	31	49	69	Provide 5 years of enrollment (FTE)	D.		
G. Provide 5 years of retention rates for part-time students 14% 30% 44% 100% 50% H. Provide 5 years of successful program course completion rates. 73% 64% 69% 71% 74% 1. Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	N/A	N/A	N/A	N/A	N/A	N/A	Annual percentage of program capacity	E.		
G. Provide 5 years of retention rates for part-time students H. Provide 5 years of successful program course completion rates. 73% 64% 69% 71% 74% 1. Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	63%	75%	86%	71%	31%	53%	Provide 5 years of retention rates for full-time students	F.		
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 J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	48%	50%	100%	44%	30%	14%	•	G.		
I. Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time J. Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	70%	74%	71%	69%	64%	73%	Provide 5 years of successful program course	Н.		
students rate of students graduating within 150% of completion time K. Provide 5 years of annual degree & certificate completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations A. Provide 5 years of instructional cost/student (FTE) B. Provide 5 years of instructional cost/graduate Students rate of students graduating 17% 10% 11% 128 129 17 100 100 N/A N/A N/A N/A N/A N/A N/A N	21%	8%	14%	14%	26%	43%	students rate of students graduating within 150% of	I.		
completions L. Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years of instructional cost/graduate FY24 36 15 29 17 100 N/A	22%	10%	17%	17%	18%	50%	students rate of students graduating within 150% of	J.		
of degrees/certificates granted per 100 FTE 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, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years institutional expenditure/student (FTE) \$7,473 \$7,396 \$8,010 \$8,344 \$9,921 C. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	24	17	29	15	36	24		K.		
specific licensing or certification exams (as applicable) Fiscal and Physical Resources Data Definition: Instructional costs include salaries, operations, grant funding, and gifts/donations A. Provide 5 years of instructional cost/student (FTE) B. Provide 5 years institutional expenditure/student (FTE) C. Provide 5 years of instructional cost/graduate N/A N/A N/A N/A N/A N/A N/A N/	73	100	107	48	73	35		L.		
Data Definition: Instructional costs include salaries, operations, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) FY16 FY17 FY17 FY18 FY18 FY19 \$1,998 \$882 \$3,752 F7,473 F7,473 F7,473 F7,396 F7,473 F7	N/A	N/A	N/A	N/A	N/A	N/A		M.		
operations, grant funding, and gifts/donations FY13 FY14 FY15 FY16 FY17 A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years institutional expenditure/student (FTE) \$7,473 \$7,396 \$8,010 \$8,344 \$9,921 C. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752							al and Physical Resources	Fisca		
A. Provide 5 years of instructional cost/student (FTE) \$817 \$1,197 \$1,998 \$882 \$3,752 B. Provide 5 years institutional expenditure/student (FTE) \$7,473 \$7,396 \$8,010 \$8,344 \$9,921 C. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	5 Year Ave	Year 5	Year 4	Year 3	Year 2	Year 1	Definition: Instructional costs include salaries,	Data		
B. Provide 5 years institutional expenditure/student (FTE) \$7,473 \$7,396 \$8,010 \$8,344 \$9,921 C. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	J Teal Ave		FY16	FY15	FY14	FY13	rations, grant funding, and gifts/donations	oper		
C. Provide 5 years of instructional cost/graduate \$2,348 \$1,629 \$4,128 \$821 \$3,752	\$1,729	\$3,752	\$882	\$1,998	\$1,197	\$817	Provide 5 years of instructional cost/student (FTE)	A.		
	\$8,229	\$9,921	\$8,344	\$8,010	\$7,396	\$7,473	Provide 5 years institutional expenditure/student (FTE)	В.		
D. Provide 5 years institutional expenditure/graduate \$36,963 \$30,245 \$32,436 \$26,942 \$33,174	\$2,536	\$3,752	\$821	\$4,128	\$1,629	\$2,348	Provide 5 years of instructional cost/graduate	C.		
	\$31,952	\$33,174	\$26,942	\$32,436	\$30,245	\$36,963	Provide 5 years institutional expenditure/graduate	D.		
E. Provide 5 years of student program fees-fund balance(s) \$754 \$1,023 \$695 \$60 \$1,288	\$764				\$1,023		, , , , , , ,	E.		
F. Provide 5 years of student program fees-expenditures \$0 \$0 \$0 \$0	\$0			\$0			, , , , , , , , , , , , , , , , , , , ,	F.		
G. Provide five years of tuition revenue \$205,911 \$133,329 \$81,710 \$74,358 \$45,152	\$108,092	\$45,152	\$74,358	\$81,710	\$133,329	\$205,911	Provide five years of tuition revenue	G.		

PROGRAM REVIEW

Institution: Hel	lena College University of Montana			
Program Years:	2012-2018			
List of the programs reviewed:				
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.

Information gathered during the internal review process indicates the Welding Technology Program has 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 have been relatively stable over this review period. From 2012 through 2017, the Welding Technology Program has enrolled an average of 44 students with an average of 13 completions per year.

Retention of full-time students from fall to fall is 73% – well above the average Helena College general student retention (52%).

Our students matriculate, obtain their Associate of Applied Science and/or Certificate of Applied Science and obtain positions as Welders, Cutters, Solderers, or Brazers or go on to additional training or to 4-year degree programs. Students in the welding program are able to attain A.W.S. certifications upon entering the workforce

Program Goals FY2018

- 1. Continue to improve curriculum to give students an advantage in the workforce.
- 2. Continue to engage high school students by offering dual enrollment courses and increasing offerings as able.
- 3. Leverage grant monies to hold events including Fabrication Fridays and Women in Gear to encourage interest in the areas of manufacturing and welding.
- 4. Continue to meet with advisory boards and respond as able to local and regional workforce needs.
- 5. Add augmented welding systems and increase technology to keep current.

PROGRAM REVIEW

Program Review Data Summary							
Alignment with Community Needs							
Data Definition:		Current MT	Projected MT	Current U.S.	Projected U.S.		
A.	Provide the total number of projected job openings for related occupations for Montana and the U.S. 2016-2026	1,570	1,731	404,800	427,300		
В.	Provide percent change in job openings for related occupations for Montana and the U.S. 2016-2026		+10.2%		+6%		
C.	Provide the median hourly wage or annual salary for related occupations	\$41,230		\$39,390			
Data	a Definition:	Year 1 10/11	Year 2 11/12	Year 3 12/13	Year 4 13/14	Year 5 14/15	5 Year Ave
D.	Provide 5 years of in-field job placement rates for all program graduates	75% \$25,874	87% \$31,135	100% \$26,836	100% \$24,255	80% \$28,104	88% \$27,240
Stu	lent Participation and Success						
	a Definition:	Year 1 12/13	Year 2 13/14	Year 3 14/15	Year 4 15/16	Year 5 16/17	5 Year Ave
Α.	Provide 5 years of transfer rates to 4-year colleges (AA/AS)						
В.	Provide program capacity (headcount)	49	49	49	49	49	49
C.	Provide 5 years of enrollment (unduplicated headcount)	45	45	46	40	45	44
D.	Provide 5 years of enrollment (FTE)	44	46	43	40	39	42
E.	Annual percentage of program capacity	92%	92%	94%	82%	92%	90%
F.	Provide 5 years of retention rates for full-time students	67%	89%	56%	71%	82%	73%
G.	Provide 5 years of retention rates for part-time students	0%	N/A	N/A	N/A	33%	16%
Н.	Provide 5 years of successful program course completion rates.	95%	88%	88%	88%	91%	90%
I.	Provide 5 years of graduation rates for full-time students rate of students graduating within 150% of completion time	71%	33%	29%	89%	38%	52%
J.	Provide 5 years of graduation rates for part-time students rate of students graduating within 150% of completion time	0%	0%	0%	N/A	N/A	0%
K.	Provide 5 years of annual degree & certificate completions	11	13	19	9	15	13
L.	Provide 5 years of degree production rates – proportion of degrees/certificates granted per 100 FTE	25	28	44	22	38	31
M.	Provide 5 years of pass rates on occupation/industry specific licensing or certification exams (as applicable)	N/A	N/A	N/A	N/A	N/A	N/A
Fisc	al and Physical Resources						
Data	Definition: Instructional costs include salaries, operations, grant	Year 1	Year 2	Year 3	Year 4	Year 5	5 Year
fund	ling, and gifts/donations	FY13	FY14	FY15	FY16	FY17	Ave
A.	Provide 5 years of instructional cost/student (FTE)	\$4,760	\$4,726	\$4,798	\$4,704	\$6,019	\$5,002
В.	Provide 5 years average expenditure/student (FTE)	\$4,749	\$5,032	\$4,881	\$5,354	\$6,328	\$5,269
C.	Provide 5 years of instructional cost/graduate	\$19,040	\$16,724	\$10,859	\$20,907	\$15,650	\$16,636
D.	Provide 5 years average program expenditure/graduate	\$15,388	\$13,334	\$14,506	\$12,712	\$15,032	\$14,195
E.	Provide 5 years of student program fees-fund balance(s)	\$12,355	\$16,545	\$12,905	\$14,681	\$26,189	\$16,535
F.	Provide 5 years of student program fees-student costs	\$18,421	\$22,656	\$17,893	\$0	\$0	\$11,794
G.	Provide five years of tuition revenue	\$132,264	\$123,806	\$115,197	\$110,160	\$103,584	\$117,002