

Montana University System
PROGRAM REVIEW

Institution: **Montana State University – Northern**

Program Years: **2010-2017**

List of the programs reviewed:

- A.A.S. in Electrical Technology
 - B.S. in Health Promotion
 - B.S. in Criminal Justice; Minor in Criminal Justice
-

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

A.A.S. in Electrical Technology

The campus recommends continuation of the A.A.S. in Electrical Technology.

B.S. in Health Promotion

The campus recommends continuation of the B.S. in Health Promotion.

B.S. in Criminal Justice; Minor in Criminal Justice

The campus recommends continuation of the B.S. and Minor in Criminal Justice.

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 individual Program Review summaries.

Montana University System
PROGRAM REVIEW

Institution: Montana State University Northern

Program Years: 2010-2017

List of the programs reviewed:

Electrical Technology (AAS)

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

The recommendation is to retain and grow the Electrical Technology AAS 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.

Electrical Technology AAS Program

Academic Year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Major Count (Fall)	33	33	29	28	33	42	51
Minor Count (Fall)							
Graduates	16	10	11	8	13	11	17
Retention Rate				76%	82%	85%	86%

Enrollment and graduate numbers in the program have gradually increased and graduates have enjoyed success in obtaining apprenticeships with electrical contractors. An aggressive recruiting effort has increased the number of incoming Freshman to a record number. Many of the graduates of the program are sitting for and successfully obtaining their Montana State Journeyman's Electrical Licenses. Some of the graduates have achieved their Electrical Master's Licenses and are owners of their own companies.

We created the Commercial Wiring lab with only eight room structures; that should be expanded to accommodate the increased number of students. We renovated a room into an electrical parts room to make room for the residential (Lab 106) and commercial/industrial (Lab 107) lab instruction areas. We also moved large tools into the tool room, previously used by Youth Build, to make room for a new instruction area as well. Blue Beam blueprint reading software has been added to computer labs for instructional purposes for the Fall of 2018.

Advisory Board Recommendations:

1. Hire another instructor.
2. Low voltage wiring instruction and perhaps adding Telephone/Communication Data class.
3. Check on Blue Beam blueprint reading program software.

Based upon the review of program assessments, the Electrical Technology Advisory Board has concluded that some minor changes should be made to the Electrical Technology Program. The program should develop a course in Telephone/Communications that addresses low voltage wiring being used in new construction now and into the future. Greenlee is offering a Greenlee Apple Labs certificate program that should be a part of our curriculum, so faculty went to Kenosha, Wisconsin for Apple Lab train-the-trainer training. The Tech Grant monies spent on low voltage wiring tools and gangbox were utilized in lab classes this past year (Spring of 2018). Continued communication with Greenlee are in progress and the lab in Electronics Building Room 101 is tentatively scheduled to be renovated to create the Greenlee Apple Lab with new benches and tooling for the curriculum proposed.

The Electrical Technology Advisory board suggested, due to high enrollment the past two years and instructor overload that a new position be announced and a new instructor be hired to accommodate the needs of the students and the program. By not hiring another instructor the amount of hands-on lab instruction has reduced significantly because there is not enough credit hour instruction time allowed for instructors to teach the high number of students per the lab space available.

Blue Beam software has been added to Computer Lab 213 in the Brockmann Center and also in Computer Aided Design Lab 201 of the Brockmann Center. Instruction tutorials will be initially introduced into ELEC 137 Blueprint Reading classes the Fall of 2018.

Montana University System

PROGRAM REVIEW

Institution: Montana State University - Northern

Program Years: 2010-2017

List of the programs reviewed:

B.S. Health Promotion

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

The recommendation is to retain and grow the Health Promotion degree 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.

HEALTH PROMOTION PROGRAM

Academic Year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Major Count (Fall)	28	30	27	26	37	43	34
Minor Count (Fall)		2	4	7	5	9	8
Graduates	5	3	5	3	4	7	14
Retention Rate	52%	67%	57%	40%	50%	61%	73%

The Health Promotion Program at MSU- Northern is a popular major with new students entering college, as evidenced by the Major Count numbers over the past seven years. This is a multidisciplinary degree program that focuses on community health education and exercise science. There are common core courses for the major and then there are four program concentrations that include: Health Education, Pre-Professional, Business, and Other. Due to the concentration pathways available to the students, they have many career and educational choices that make this program dynamic, as evidenced by the number of graduates and the retention rates. Some examples of careers that graduates from the program have gone on to include sport coaching, personal training, sports management, and community health education at Public Health Departments, Family Planning, and Youth Dynamics. The Health Promotion program prepares students to take three certification examinations: Certified Health Education Specialist, Certified Strength and Condition Specialist, and Certified Exercise Physiologist. Approximately 25% of the students have gone on to graduate school with assistantships in teaching, research, coaching, strength and conditioning, and sport management. With the addition of courses in research methods and Principles of Epidemiology the students are well prepared for industry or graduate school. With continued efforts in recruitment, retention, and increased number of full-time and adjunct faculty the program will meet the needs of students for the next seven years.

Montana University System
PROGRAM REVIEW

Institution: Montana State University - Northern

Program Years: 2010 - 2017

List of the programs reviewed:

B.S. in Criminal Justice; Minor in Criminal Justice

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

The recommendation is to retain and grow the Criminal Justice 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.

Criminal Justice Program

Academic Year	2010/11	2012	2013	2014	2015	2016	2017
Major Counts (Fall)	-	20	48	68	88	91	96
Minor Counts (Fall)	-	4	9	8	7	10	3
Graduates	-	0	1	5	8	17	22
Retention Rate	-	-	-	71%	76%	75%	71%

The Criminal Justice Program at MSU-Northern began as an online-only program in 2010, but was changed to incorporate lecture-style classes in 2015. This was to accommodate the demand from students enrolled in the program who lived in the area and desired the face-to-face component. However, the entire program is still available fully online, which allows students from all across Montana, and even out-of-state, to benefit from the rigorous and well-developed courses within the program. In addition to the unique, fully online program offering, the Criminal Justice program is also somewhat unique in its minor and co-operative education requirements. The minor requirement encourages exploration of and collaboration with other programs at MSU-Northern and is a very beneficial use of each CJ students' elective requirements. Students are encouraged to minor in programs such as Community Leadership, Biology, Business, Psychology, Accounting, and Computer Information Systems, among other possibilities. The co-operative education requirement is a valuable asset to the program that connects students close to graduation with potential career opportunities and fosters relationships with relevant community groups and agencies. Students consistently report positive experiences within their co-ops and many continue with ongoing employment after the co-op requirements are complete. Even those placements that do not directly result in continuing employment offer the students an exclusive, realistic glimpse into the field to help them determine whether or not they would like to pursue such a career upon graduation.

Montana University System

PROGRAM REVIEW

The Criminal Justice program at MSU-Northern has also nurtured relationships to nearby colleges with 2-year programs through a number of articulation agreements (Flathead Valley Community College, Helena College, Dawson College), with other colleges indicating an interest in developing such articulation agreements as well (Fort Peck Community College, Great Falls College, Blackfeet Community College, Stone Child College, Medicine Hat College). The Criminal Justice program is also in the process of developing an advisory board that includes important community contacts and stakeholders.

As evidenced by the raw numbers, as well as the continued interest of new and future students in the possibility of a career in Criminal Justice, the Criminal Justice program at MSU-Northern is growing. Interest in the field continues to expand, particularly due to the vast array of career opportunities available to graduates of the program (jobs within police departments, federal and state law enforcement, Sherriff's offices, parole and probation, juvenile detention, prisons and the prison system, child and victim advocacy, research, community development). Not only should the program be maintained, but, due to the evidenced growth, we would benefit greatly from additional full-time faculty. Many of our required courses are taught by adjunct instructors. While this is necessary and often beneficial due to required expertise for certain courses (for example, a currently employed probation officer teaches our Introduction to Probation course), too many adjunct instructors creates instability within the program and does not offer the best overall experience to our Criminal Justice students. It would be a major asset – and would demonstrate the faith that MSU-Northern has in the program – to increase the Criminal Justice full-time faculty by even one additional faculty member.