

Montana University System

PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Accounting Technology - ACTG

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

Retain the 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.

- According to the Department of Labor, bookkeeping, accounting, and auditing clerks held about 2.1 million jobs in 2008 and are employed in nearly every industry.
- Employment of bookkeeping, accounting, and auditing clerks is projected to grow by 10 percent during the 2008–18 decade. This occupation is one of the largest growth occupations in the economy, with about 212,400 new jobs expected over the projections decade.
- A growing economy will result in more financial transactions and other activities that require recordkeeping by these workers. Additionally, an increased emphasis on accuracy, accountability, and transparency in the reporting of financial data for public companies will increase the demand for these workers.
- A high school degree is the minimum requirement; however, postsecondary education is increasingly important, and an associate degree in business or accounting is required for some positions.
- This program is one of the most consistent programs from a graduation perspective in the COT.
- Program review and input from Business Technology Advisory Board resulted in advice to retain the two options in the program: the Health Service Option and the Human Resources Option.
- Growth in transfer into the BAS program.
- Strong placement of graduates. 2007 graduates saw 87% placement with starting salary of \$19,875.

Accounting – A.A.S.

Year	Student Majors AAS - Accounting	Number of Graduates AAS - Accounting
2009-10	40	15
2008-09	44	7
2007-08	46	15
2006-07	60	14
2005-06	55	13

Montana University System

PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Certificate of Applied Science – Automotive Technology

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

Request program review of our Certificate of Applied Science in Automotive Technology be postponed until the 2011-2012 academic year.

Reason: Instructor has notified us that he will be retiring at the end of this academic year. This program has 1 FTE and occasionally a .5 part-time faculty. With this announcement and after reviewing our student/graduate numbers we would like to use this additional time to do a more holistic review.

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.

- One of the oldest programs at the College of Technology.
- Input from Industrial Advisory Board (IAB) and considerable internal discussions resulted in the AAS program being reworked and offered only as a Certificate.
- Students are now required to take the national Automotive Service Excellence performance certification tests.
- Program is accredited by the National Automotive Technicians Education Foundation (NATEF)
- Program meets the National Institute for Automotive Services Excellence standards for training automotive technicians.

Certificate of Applied Science – Automotive Technology

Year	Majors	Graduates
2009-10	18	2(CERT)
2008-09	10	4(CERT) 7(AAS)
2007-08	20	1(AAS)
2006-07	18	5(AAS)
2005-06	21	5(AAS)

Montana University System

PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Certificate of Applied Science - Bookkeeping

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

Retain Certificate of Applied Science - Bookkeeping.

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.

- Students may apply for a Certificate of Applied Science in Bookkeeping after the successful completion of the first two semesters of the AAS Accounting Technology program.
- Certificate does not require additional resources to offer.
- Certificate offers students a means of recording completion/competence if issues arise after the first year that precludes them from finishing the AAS.

Certificate of Applied Science – Bookkeeping

Year	Majors	Graduates
2009-10	0	0
2008-09	0	0
2007-08	0	0
2006-07	0	0
2005-06	2	2

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PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Chemistry and Geochemistry – BS and MS

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

Retain both programs.

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.

- Department provides tremendous service load to other campus programs.
- Strong placement of graduates in industry, governmental, and graduate programs.
- Class of 2008 saw 86% placement.
- Programs certified by American Chemical Society (ACS).
- Research active faculty.

Chemistry and Geochemistry – BS and MS

Year	Student Majors (Fall) BS	Number of Graduates BS	Student Majors (Fall) MS - Geochemistry	Number of Graduates MS - Geochemistry
2009-10	42	6	3	1
2008-09	49	7	1	2
2007-08	56	6	3	2
2006-07	46	2	2	1
2005-06	40	2	1	1
2004-05	32	3	1	1

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PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Computer Science

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

Retain program. Closely monitor enrollment in the 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.

- Student enrollment in Computer Science (CS) has stabilized.
- 100% placement of graduates for the past six years.
- Enrollment trends within the CS program have followed national enrollment trends in CS.
- As a directive from administration, the CS department is working on aggressive recruiting efforts that are being developed and implemented.
- The department is recovering from a period of turmoil within its ranks. The department saw large faculty turnover as well as leadership that could have been stronger.
- A new department head has been hired and administration believes that she has the department moving in the right direction.
- The department is currently using information from its alumni survey as a means to assess the program and make changes that may help increase retention and enrollment.
- This academic year, administration has converted one of the visiting faculty positions to a tenure track position in order to increase the stability of the faculty.

Computer Science

Academic Year	Student Majors (Fall)	Number of Graduates
2009-10	28	2
2008-09	27	4
2007-08	26	2
2006-07	26	7
2005-06	36	8
2004-05	45	4

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PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Medical Assistant - AHMA

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

Retain the 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.

- The US Department of Labor estimates that employment of medical assistants is projected to grow 34% which is much faster than average, ranking medical assistants among the fastest growing occupations over the 2008–18 decade and that job prospects should be excellent.
- As the healthcare industry expands because of technological advances in medicine and the growth and aging of the population, there will be an increased need for all healthcare workers. The increasing prevalence of certain conditions, such as obesity and diabetes, also will increase demand for healthcare services and medical assistants.
- Increasing use of medical assistants to allow doctors to care for more patients will further stimulate job growth.
- Program review and input from MA Advisory Board resulted in advice to retain the program.
- Program completion numbers are limited due to the number of clinical sites available in our service region.
- The US Department of Labor estimates that annual wages of wage-and-salary medical assistants were \$28,300 in May 2008.
- In Montana, the utilization of medical assistants in Southwest MT is small but clearly growing, following the national trend.
- Graduates are eligible to take a national registration exam to become Registered Medical Assistants. 100% of those choosing to take the exam have passed – Total of 6 to date.
 - 2007 graduates: 100% placement, two continue employment as a medical assistant. One is working toward a 4 year degree in education.
 - 2008 graduates: 100% placement; 3 of 6 have continued employment as medical assistants,
 - 2009 graduates: 100% placement; 3 or 5 have continued employment as medical assistants. One completed another degree at Tech. 4/5 are employed in medical settings.

- 2010 graduates 100% placement; 7 currently employed as medical assistants, 2 employed in other allied health fields (billing and coding, behavioral health), 2 are currently pursuing additional degrees in nursing and occupational health and safety.

Medical Assistant – A.A.S.

Year	Student Majors AAS - Medical Assistant	Number of Graduates AAS - Medical Assistant
2009-10	45	11
2008-09	24	7
2007-08	27	6
2006-07	5	4
2005-06	N/A	N/A

Montana University System

PROGRAM REVIEW

Institution: Montana Tech of The University of Montana

Program Years: 2005-2010

List of the programs reviewed:

Software Engineering

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

Retain program. Closely monitor enrollment.

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.

- ABET accredited.
- Student enrollment in Software Engineering (SE) has been stable over the past six years.
- 100% placement of graduates for the past six years.
- The SE faculty teach in the Computer Science and Business programs as part of their service component to the campus.
- Enrollment trends within the SE program have followed national enrollment trends in SE.
- As a directive from administration, the SE department is working on aggressive recruiting efforts that are being developed and implemented.
- The department is recovering from a period of turmoil within its ranks. The department saw large faculty turnover as well as leadership that could have been stronger.
- A new department head has been hired and administration believes that she has the department moving in the right direction.
- The department is currently using information from its alumni survey as a means to assess the program and make changes that may help increase retention and enrollment.
- This academic year, administration has converted one of the visiting faculty positions to a tenure track position in order to increase the stability of the faculty.

Software Engineering

Academic Year	Student Majors	Number of Graduates
2009-10	20	3
2008-09	26	3
2007-08	21	3
2006-07	25	5
2005-06	21	3
2004-05	20	3