

Request for Approval with Assurances Montana Big Sky Pathways (Programs of Study)

COPY

The Carl D. Perkins Career and Technical Education Act of 2006 (Perkins IV) calls for states to offer "career and technical programs of study," known as Big Sky Pathways in Montana, as an option to students and their parents when planning for and completing future coursework. These programs, at a minimum, must:

- Incorporate and align secondary and postsecondary education elements,
- Include academic and CTE content in a coordinated, non-duplicative progression of courses,
- Offer the opportunity, where appropriate, for secondary students to acquire postsecondary credits, and
- Lead to an industry-recognized credential or certificate at the postsecondary level, or an associate or baccalaureate degree.

Assurances:

By my signature on this form, I assure that the proposed Big Sky Pathway submitted for approval by this high school/college satisfies the 10 stated requirements. For approval, all 10 requirements must be checked.

Name of Big Sky Pathway (cluster level):		Business, management & Information Systems	
Name of High School:		Arlee High School	
Names of Secondary Lead Teacher and Counselor:		Anna Mize & Misty Brien	
<i>The Lead Secondary Teacher will be contacted if OPI has questions about this request</i>			
Lead Teacher's email address:		amize@arlee.k12.mt.us	
Lead Teacher's phone number:		406.726.3216 x2313	
Name of College:		UMCOT	
Name of College Program:		Accounting Technology	
Name of College Lead Faculty Member:		Lisa Swallow Brian Larson	
REQUIREMENTS FOR APPROVAL			
1.	Includes all state and local graduation requirements		✓
2.	Identifies the appropriate secondary CTE, academic, and recommended elective courses offered by this high school which will prepare the student for college-level courses without remediation		✓
3.	Outlines a non-duplicative sequence of courses from grades 9-12 and from secondary to postsecondary education		✓
4.	Prepares students for entry into a postsecondary program or apprenticeship		✓
5.	Leads to an industry-recognized postsecondary credential, degree or employment		✓
6.	Includes appropriate state standards and/or industry skills standards. <i>Identify standards used: MT Standards for Career & Vocational technical Education</i>		✓
7.	Aligns with an AAS program offered by a Montana college (college of technology, community college, tribal college, MSU-Northern)		✓
8.	Links with a web-based guidance delivery system such as MCIS <i>If using something other than MCIS, please indicate:</i>		✓
9.	When applicable, dual enrollment opportunities have been identified.		✓
10.	When applicable, Advanced Placement, IB courses and CTE START (statewide articulations) have been identified.		✓
High School Principal's Signature:		Date: 1/6/11	
H.S. Advisory Committee Member's Signature:		Date: 1/19/11	
College Chief Academic Officer's Signature:		Date: 1/21/2011	
College Lead Faculty Member's Signature:		Date: 1/21/2011	
Please submit this Request for Approval form and a copy of the Big Sky Pathway Proposal to: OPI, Career and Technical Education, P.O. Box 202501, Helena, Montana 59620-2501			
OPI Specialist Approval:		Date of Approval: 1/21/11	
OCHE Approval:		Date of Approval: 1/23/12	
Both the college and the high school will receive a signed copy when the BSP is approved			

HIGH SCHOOL: Arlee High School

COLLEGE: University of Montana-College of Technology Missoula

COLLEGE DEGREE PROGRAM: AAS-Accounting Technology

BIG SKY PATHWAY PROPOSAL



Cluster Overview:
Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

- Pathway Options:**
- Management
 - Business Financial Management and Accounting
 - Human Resources
 - Business Analysis
 - Marketing
 - Administration and Information Support

Occupation Examples:
Bookkeeper, Treasurer, Cost Estimator, Auditor, Budget Analysts, Tax Examiner, Revenue Agent, Credit Analysts, Accountant, Personal Financial Advisor

For a complete listing, go to:
<http://online.onetcenter.org/find/career?c=4&q=Go>

SUGGESTED HIGH SCHOOL COURSES

Grade	Requirements	Suggested Courses	Recommended CTE Cluster Foundation Courses:
9th	Graduation Requirements Workforce/2-Year College Prep	English I, PE, Math, Earth Science, World History or American Indian History	Computer Education
	4-Year MT College/Univ Prep (Rigorous Core)		
	CTE and/or Electives	Computer Education	
10th	Graduation Requirements Workforce/2-Year College Prep	English II, PE, Math, Biology	Other Recommended CTE Courses: Accounting 1-2
	4-Year MT College/Univ Prep (Rigorous Core)		
	CTE and/or Electives	Accounting 1-2	
11th	Graduation Requirements Workforce/2-Year College Prep	English III, US History, Math, Consumer Economics	CTE Student Organization(s): Business Professionals of America (BPA)
	4-Year MT College/Univ Prep (Rigorous Core)	Chemistry or Physics	
	CTE and/or Electives		
12th	Graduation Requirements Workforce/2-Year College Prep	English IV, Government	
	4-Year MT College/Univ Prep (Rigorous Core)	College-prep or research-writing course, Math, Chemistry or Physics	
	CTE and/or Electives		

ADVANCED LEARNING OPPORTUNITIES
High School to College/Career Linkages

- CTE START courses:**
Computer Education (CAPP 120 Intro to Computers)
Accounting 1 (ACTG Accounting Procedures 101)
- Advanced Placement or IB courses:**
College Prep Writing
- Dual Enrollment courses:**
Calculus
- Online courses:**
Montana Digital Academy
- Other:**

POSTSECONDARY PROGRAM OF STUDY

	Math	English	Major	Other
13—Semester 1	M 115 Probability and Linear Math	WRIT 101 College Writing 1	ACTG 101 Accounting Procedures 1	BUS 160S Issues in Sustainability CAPP 120 Intro to Computers
13—Semester 2			ACTG 180 Payroll Accounting Applications BUS 103S Principals of Business BUS 135T Business Law BUS 238T Financial Planning	CAPP 156 MS Excel

14—Semester 1			ACTG 202 Principals of Managerial Accounting ACTG 211 Income Tax Fundamentals ACTG 291 Financial Planning	CSCI 172 Intro to Computer Modeling ECNS 201S Principles to Microeconomics
14—Semester 2		COM 160A Oral Communications	ACTG 215 Foundations of Government and Not For-Profit Accounting ACTG 250 Accounting Capstone ACTG 298 Accounting Internship BUS 291T Critical Analysis for Business	

MONTANA POSTSECONDARY OPPORTUNITIES

*Montana University System Degree and Program Inventory: <http://www.homepage.montana.edu/~mus/drqjnv/>
Your Guide to Montana's Certificate and Associate Degree Programs: <http://mus.edu/twoyear/YourGuide.html>*

Colleges of Technology: BLCOT—Billings; GFCOT—Great Falls; HCOT—Helena; TECHCOT—Butte; UMCOT—Missoula; GCP—Bozeman		Community Colleges: DCC—Glendive; FVCC—Kalispell; MCC—Miles City		Tribal Colleges: BFCC—Browning; CDKC—Lame Deer; FBCC—Harlem; FPCC—Poplar; LBHC—Crow Agency; SCC—Box Elder; SKC—Pablo		Four Year Colleges/Universities: MSU—Bozeman; MSUB—Billings; MSUN—Havre; TECH—Butte; UM—Missoula; UMW—Dillon	
MILITARY	<ul style="list-style-type: none"> Requires diploma or GED 17 with parental consent; 18 without 	Air Force, Air Guard, Army, Coast Guard, Marines, and Navy For more information: http://todaysmilitary.com					
PROFESSIONAL CERTIFICATE	<ul style="list-style-type: none"> Requires diploma or GED Less than 30 credits; little/no general ed credits Complete in one year or less 	Business Administration — MCC Medical Receptionist — DCC Business Management/ Entrepreneurship — MCC Customer Service Relations — FVCC, MCC Human Resources Management — HCOT Medical Administrative Assistant — MCC					
APPRENTICESHIP	<ul style="list-style-type: none"> Requires diploma or GED Must be at least 18 Minimum 2,000 hours of supervised experience 	See the MT Dept of Labor website for more information: http://wsd.dli.mt.gov/apprenticeship/default.asp					
CERTIFICATE OF APPLIED SCIENCE	<ul style="list-style-type: none"> Requires diploma or GED 30-45 credits; limited general education credits Complete in one year or less 	Administrative Assistant/Support — BLCOT, DCC, SKC, CDKC Business Administration — FVCC Business Management/ Entrepreneurship — GFCOT, BFCC Business Technology — FPCC Customer Service Relations — UMCOT, SCC Human Resources Management — BLCOT Medical Office Technology — HCOT, SKC Receptionist-Medical/Dental — UMCOT, TECHCOT Small Business Management/Entrepreneurship — FVCC Tribal Management — FBCC					
ASSOCIATE'S OF APPLIED SCIENCE DEGREE	<ul style="list-style-type: none"> Requires diploma or GED 60-72 credits; includes 15-25 general ed credits Complete in two years (if prepared academically in math and English) 	Administrative Assistant/Support — HCOT, BLCOT, TECHCOT, DCC Administrative Management — UMCOT Business Administration — GFCOT, UMW, MSUN, FVCC, MCC Business Health Administration — TECHCOT Business Management/ Entrepreneurship — UMCOT, GFCOT, UMW, DCC, CDKC Business Technology — TECHCOT, FPCC, SKC Human Resources Management — TECHCOT Executive/Legal Administrative Assistant — HCOT Medical Administrative Assistant — HCOT, UMCOT, BLCOT, TECHCOT, DCC, FVCC Office Systems Technology — UMW, MCC Office Admin & Technology — BFCC Small Business Management/Entrepreneurship — HCOT, FVCC, MCC, FPCC, BFCC					

BACCALAUREATE DEGREE	<ul style="list-style-type: none"> • Requires 4-year college prep for admission • 128 credits (approximately) • Complete in four years 	Agribusiness – MSU Business Administration – MSUB, MSU, UMW, MSUN Business/Entrepreneurship – SKC Business & Information Tech – TECH
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Degree and Program Inventory above may not be all inclusive