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

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 the public 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 to the best of my ability 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. NOTE: only the OPI Specialist has the authority to approve.

<table>
<thead>
<tr>
<th>Requirement Description</th>
<th>Approval Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes all state and local graduation requirements</td>
<td>![ ]</td>
</tr>
<tr>
<td>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</td>
<td>![ ]</td>
</tr>
<tr>
<td>Outlines a non-duplicative sequence of courses from grades 9-12 and from secondary to postsecondary education</td>
<td>![ ]</td>
</tr>
<tr>
<td>Prepares students for entry into a postsecondary program or apprenticeship</td>
<td>![ ]</td>
</tr>
<tr>
<td>Leads to an industry-recognized postsecondary credential, degree or employment</td>
<td>![ ]</td>
</tr>
<tr>
<td>Includes appropriate state standards and/or industry skills standards. Identify standards used: National Standards for Business Education</td>
<td>![ ]</td>
</tr>
<tr>
<td>Aligns with an AAS program offered by a Montana college (college of technology, community college, tribal college, MSU-Northern)</td>
<td>![ ]</td>
</tr>
<tr>
<td>Links with a web-based guidance delivery system such as MCIS If using something other than MCIS, please indicate:</td>
<td>![ ]</td>
</tr>
<tr>
<td>When applicable, dual enrollment opportunities have been identified.</td>
<td>![ ]</td>
</tr>
<tr>
<td>When applicable, Advanced Placement, IB courses and CTE START (statewide articulations) have been identified.</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

High School Principal’s Signature: [Signature] Date: 5-19-11  
H.S. Advisory Committee Member’s Signature: [Signature] Date: 5-19-11  
College Chief Academic Officer’s Signature: [Signature] Date: 7-6-11  
College Lead Faculty Member’s Signature: [Signature] Date: 7-6-11  

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: [Signature] Date of Approval: [Date]  
OCHE Approval: [Signature] Date of Approval: [Date]  

Both the college and the high school will receive a signed copy when the BSP is approved.
<table>
<thead>
<tr>
<th>Grade</th>
<th>Graduation Requirements</th>
<th>9th Grade English</th>
<th>10th Grade English</th>
<th>11th Grade English</th>
<th>12th Grade English</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Workforce/2-Year College Prep</td>
<td>Algebra I</td>
<td>Algebra II</td>
<td>Geometry</td>
<td>Fine Arts OR Speech</td>
</tr>
<tr>
<td></td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>Earth Science</td>
<td>Biology</td>
<td>Chemistry OR Physics</td>
<td>Trigonometry, Pre-Calculus, OR Calculus</td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>World History</td>
<td>US/American History</td>
<td>Government</td>
<td>Psychology OR other humanities course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PE/Health</td>
<td>PE/Health</td>
<td>Foreign Language I</td>
<td>Foreign Language II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Fine Arts OR Speech</td>
</tr>
</tbody>
</table>

**CTE and/or Electives**

**Recommended CTE Cluster Foundation Courses**

- Computer Applications
- Consumer Economics/Personal Finance/Business Math
- Intro to Business
- Intro to Accounting

**Other Recommended CTE Courses**

- Business Law
- Marketing

**CTE Student Organization(s)**

- Intro to Accounting

**SUGGESTED HIGH SCHOOL COURSES**

**ADVANCED LEARNING OPPORTUNITIES**

- High School to College/Career Linkages

**CTE START courses:**

- ACTG 101 Accounting Procedures I

**Occupation Examples:**

- Human resources manager, Administrative Assistant, Information Systems Manager, Management analyst, Marketing manager, Receptionist, Interviewer

For a complete listing, go to: [http://online.onetcenter.org/find/career?c=4&q=Go](http://online.onetcenter.org/find/career?c=4&q=Go)
**Advanced Placement or IB courses:** N/A

**Dual Enrollment courses:** N/A

**Online courses:**

**Other:**

### POSTSECONDARY PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>Semester</th>
<th>Math</th>
<th>English</th>
<th>Major</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>13—Semester 1</td>
<td>Category I Communication (3 cr)</td>
<td>BUS 100 – Introduction to Business (3 cr)</td>
<td>Category VI Huml/Fine Arts (3 cr) Elective (3 cr)</td>
<td></td>
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<tr>
<td></td>
<td>BUS 110 – Creative Problem Solving (3 cr)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>13—Semester 2</td>
<td>Category II Mathematics (34 cr)</td>
<td>Category I Communication (3 cr)</td>
<td>BUS 120 – Leadership (3 cr)</td>
<td>Category III Natural Sciences with Lab (3 cr) Category IV Hist/Soc Sci (3 cr)</td>
</tr>
<tr>
<td>14—Semester 1</td>
<td>ACTG 201 – Principles of Financial Accounting (3 cr)</td>
<td>BUS 250 – Business Statistics (3 cr)</td>
<td>Category III Natural Sciences with Lab (3 cr)</td>
<td></td>
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<tr>
<td></td>
<td>ECNS 201 – Principles of Microeconomics (3 cr)</td>
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<td></td>
<td>CAP 151 – MS Office (3 cr)</td>
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<tr>
<td>14—Semester 2</td>
<td>ACTG 202 – Principles of Managerial Accounting (3 cr)</td>
<td>BUS 245 – Personal Finance (3 cr)</td>
<td>Category V Cultural Diversity (3 cr) Category VI Humanities/Fine Arts (3 cr)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BUS 271 – Legal Environment of Business (3 cr)</td>
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<td></td>
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</tr>
</tbody>
</table>

### MONTANA POSTSECONDARY OPPORTUNITIES

**Montana University System Degree and Program Inventory:** [http://www.homepage.montana.edu/~muc/deginv/](http://www.homepage.montana.edu/~muc/deginv/)

**Your Guide to Montana’s Certificate and Associate Degree Programs:** [http://muc.edu/twoyear/YourGuide.html](http://muc.edu/twoyear/YourGuide.html)

**Colleges of Technology:**
- BLCOT—Billings; GFHOT—Great Falls; HCCOT—Helena; TECHCOT—Butte; UMCCOT—Missoula; GCP—Bozeman

**Community Colleges:**
- DCC—Glendive; 
- FVCC—Kalispell; 
- MCC—Miles City

**Tribal Colleges:**
- BFCC—Browning; 
- CDK—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**
- Requires diploma or GED
- 17 with parental consent; 18 without
- For more information: [http://todaysmilitary.com](http://todaysmilitary.com)

**PROFESSIONAL CERTIFICATE**
- 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**
- 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](http://wsd.dli.mt.gov/apprenticeship/default.asp)

**CERTIFICATE OF APPLIED SCIENCE**
- Requires diploma or GED
- 30-45 credits; limited general education credits
- Complete in one year or less
- Administrative Assistant/Support — BLCOT, DCC, SKC, CDK
- Business Administration — FVCC
- Business Management/Entrepreneurship — GFCHOT, BFCC
- Business Technology — FPCC
- Customer Service Relations — HCOT, SCC
- Human Resources Management — BLCOT
- Medical Office Technology — HCOT, SKU
- Receptionist-Medical/Dental — UMCCOT, TECHCOT
- Small Business Management/Entrepreneurship — FVCC
- Tribal Management — BFCC

**ASSOCIATE’S OF APPLIED SCIENCE DEGREE**
- Requires diploma or GED
- 60-72 credits; includes 15-25 general ed credits
- Complete in two years if prepared academically
- Administrative Assistant/Support — HCOT, BLCOT, TECHCOT, DCC
- Administrative Management — UMCCOT

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**November 2010**
<table>
<thead>
<tr>
<th>Baccalaureate Degree</th>
<th>Requires 4-year college prep for admission</th>
<th>128 credits (approximately)</th>
<th>Complete in four years</th>
</tr>
</thead>
</table>

- Agribusiness — MSU
- Business Administration — MSUB, MSU, UMW, MSUN
- Business/Entrepreneurship — SKC
- Business & Information Tech — TECH

Degree and Program inventory above may not be all inclusive.