# 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 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 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>Name of Big Sky Pathway (cluster level):</th>
<th>Architecture &amp; Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of High School:</td>
<td>Thompson Falls High School</td>
</tr>
<tr>
<td>Names of Secondary Lead Teacher and Counselor:</td>
<td>Mr. Slaifer, Ms. Morgan</td>
</tr>
<tr>
<td>Lead Teacher’s email address:</td>
<td><a href="mailto:jslaifer@blackfoot.net">jslaifer@blackfoot.net</a></td>
</tr>
<tr>
<td>Lead Teacher’s phone number:</td>
<td>406-227-9561</td>
</tr>
<tr>
<td>Name of College:</td>
<td>FVCC</td>
</tr>
<tr>
<td>Name of College Program:</td>
<td>Associate of Applied Science (Blackfeet)</td>
</tr>
</tbody>
</table>

## REQUIREMENTS FOR APPROVAL

1. Includes all state and local graduation requirements [1]
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 [1]
3. Outlines a non-duplicative sequence of courses from grades 9-12 and from secondary to postsecondary education [1]
4. Prepares students for entry into a postsecondary program or apprenticeship [1]
5. Leads to an industry-recognized postsecondary credential, degree or employment [1]
6. Includes appropriate state standards and/or industry skills standards. Identify standards used: **NCCEER** [1]
7. Aligns with an AAS program offered by a Montana college (college of technology, community college, tribal college, MSU-Northern) [1]
8. Links with a web-based guidance delivery system such as MCIS. If using something other than MCIS, please indicate: [1]
9. When applicable, dual enrollment opportunities have been identified. [1]
10. When applicable, Advanced Placement, IB courses and CTE START (statewide articulations) have been identified. [1]

High School Principal’s Signature: [Signature]
Date: 2/11/11

H.S. Advisory Committee Member’s Signature: [Signature]
Date: 2/11/11

College Chief Academic Officer’s Signature: [Signature]
Date: 2/11/11

College Lead Faculty Member’s Signature: [Signature]
Date: 2/11/11

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: 9-8-2011

**OCHE Approval:** [Signature] Date of Approval: 11/5/11

Both the college and the high school will receive a signed copy when the BSP is approved.
### SUGGESTED HIGH SCHOOL COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Graduation Requirements</th>
<th>Workforce/2-Year College Prep</th>
<th>4-Year MT College/Univ Prep (Rigorous Core)</th>
<th>CTE and/or Electives</th>
<th>Recommended CTE Cluster Foundation Courses:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Graduation Requirements</td>
<td>Workforce/2-Year College Prep</td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English I, Algebra I, Earth Science, World History, HE 1/2, Computer I</td>
<td>Computer I</td>
</tr>
<tr>
<td>10th</td>
<td>Graduation Requirements</td>
<td>Workforce/2-Year College Prep</td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English II, Geometry, Biology, HE 3/4, Fine Arts, Wood I/II</td>
<td></td>
</tr>
<tr>
<td>11th</td>
<td>Graduation Requirements</td>
<td>Workforce/2-Year College Prep</td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English III, Algebra II, Science, U.S. History, Welding I/II</td>
<td></td>
</tr>
<tr>
<td>12th</td>
<td>Graduation Requirements</td>
<td>Workforce/2-Year College Prep</td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English IV, English Elective, Math Recommended, Government, Bldg. Trades/Construction</td>
<td></td>
</tr>
</tbody>
</table>

### ADVANCED LEARNING OPPORTUNITIES

**High School to College/Career Linkages**

**CTE START courses:**

**Advanced Placement or IB courses:**
AP Psychology, AP U.S. History, AP Government & Politics

**Dual Enrollment courses:**

**Online courses:**

**Other:**

### POSTSECONDARY PROGRAM OF STUDY

<table>
<thead>
<tr>
<th>13—Semester 1</th>
<th>Math</th>
<th>English</th>
<th>Major</th>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td>BT 130</td>
<td>BT 135</td>
<td>BUS 121</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>13—Semester 2</th>
<th>Math</th>
<th>English</th>
<th>Major</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT 140</td>
<td>BT 145</td>
<td>CAPP 106T</td>
<td>HLTH 202</td>
<td></td>
</tr>
</tbody>
</table>
MONTANA POSTSECONDARY OPPORTUNITIES

Montana University System Degree and Program Inventory: http://www.homepage.montana.edu/~mus/drginv/
Your Guide to Montana's Certificate and Associate Degree Programs: http://mus.edu/twyear/YourGuide.html

Colleges of Technology:
BLCOT—Billings; GFCOT—Great Falls; HCOT—Helena; TECHCOT—Butte; UMCOT—Missoula; GCP—Bozeman

Community Colleges:
DCC—Glenndive;
FVCC—Kalspeil;
MCC—Miles City

Tribal Colleges: BFCC—Browning;
CDKC—Lame Deer; FBCC—Hartle;
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
Air Force, Air Guard, Army, Coast Guard, Marines, and Navy
For more information: http://todaysmilitary.com

PROFESSIONAL CERTIFICATE
- Requires diploma or GED
- Less than 30 credits; little/no general ed credits
- Complete in one year or less
Cabinet & Furniture Technology — FVCC
Line Professional/Utility Line Worker — TECHCOT

APPRENTICESHIP
- Requires diploma or GED
- Must be at least 18
- Minimum 2,000 hours of supervised experience
Bricklayers, Building Maintenance Workers, Carpenters, Cement Masons, Electricians, Glaziers, Plumbers, Pipefitters, Roofers, Sheet Metal Workers, Tile Setters
See the MT Dept of Labor website for more information: http://wld.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
Building Maintenance — UMCOT
Building Technology & Trades — FVCC, MCC, FPCC, BFCC
Carpentry — HCOT, UMCOT, TECH COT, GFCOT, MSUN, FBCOL
Construction Technology — SCC
Heating, Ventilation, Air Conditioning — FVCC
Line Professional/Utility Line Worker — FPCC
Plumbing Technology — FVCC

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 in math and English)
Building Technology & Trades — FVCC, MCC, FPCC
Carpentry — UMCOT, BLCOT, TECH COT, MSUN, FPCC
Construction Technology — HCOT, BFCC
Plumbing Technology — MSUN

BACCALAUREATE DEGREE
- Requires 4-year college prep for admission
- 128 credits (approximately)
- Complete in four years
Civil Engineering — TECH
Construction Engineering Technology — MSU
Environmental Design/Architecture — MSU

Degree and Program Inventory above may not be all inclusive