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.

Name of Big Sky Pathway (cluster level): Culinary Arts - Tourism

Name of High School: Great Falls High School

Names of Secondary Lead Teacher and Counselor: Marsha Nebel, Maxine Farrell

The Lead Secondary Teacher will be contacted if OPI has questions about this request

Lead Teacher's email address: marsha_nebel@gfps.k12.mt.us
Lead Teacher's phone number: 406-268-6347

Name of College: LMCOT - Missoula

Name of College Program: Culinary Arts - Food Service Management

Name of College Lead Faculty Member: Tom Campbell

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.
   Identify standards used: National FCS Standards
   Montana FCS Standards
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
   If using something other than MCIS, please indicate:
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: 4/20/11
H.S. Advisory Committee Member's Signature: Date: 4/20/11

College Chief Academic Officer's Signature: Date: 5/1/2011
College Lead Faculty Member's Signature: Date: 5/2/11

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: Date of Approval: 9/27/11
OCHE Approval: Date of Approval: 11/1/11
**Cluster Overview:**
Jobs in the Hospitality and Tourism career cluster involve planning, managing, and providing lodging, food, recreation, conventions, and tourism, and related planning and support services such as travel-related services.

**Pathway Options:**
- Lodging
- Recreation, Amusements and Attractions
- Restaurants and Food/Beverage Services
- Travel and Tourism

**Occupation Examples:**
- Baker, Bartender, Casino Manager, Caterer, Concierge
- Convention Services Manager, Director of Operations – Lodging, Director of Tourism Development, Event Planner
- Executive Chef, Facilities Manager, Maitre d’, Museum Director, Reservations Manager, Restaurant Owner/Manager, Sports Promoter, Theme Park Manager, Tour and Travel Guide, Travel Agent, Wine Steward

For a complete listing, go to:
http://online.onelcenter.org/find/career?c=9&g=Go

### SUGGESTED HIGH SCHOOL COURSES

<table>
<thead>
<tr>
<th>9th</th>
<th>Graduation Requirements Workforce/2-Year College Prep</th>
<th>English 1-2, Health / PE 1-2, Essentials World History, Math, Foundations of Science 1-2, Fine Art</th>
<th>Recommended CTE Cluster Foundation Courses:</th>
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<tbody>
<tr>
<td></td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English 1-2, Health / PE 1-2, Essentials World History, Algebra 1, Foundations of Science 1-2, Fine Art</td>
<td>Culinary Arts I</td>
</tr>
<tr>
<td></td>
<td>CTE and/or Electives</td>
<td>Culinary Arts I</td>
<td>Culinary Arts I</td>
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<table>
<thead>
<tr>
<th>10th</th>
<th>Graduation Requirements Workforce/2-Year College Prep</th>
<th>English 3-4, Math, MT Government, Health / PE 3-4, Biology 1-2, Financial Tech Skills, and two credits of the following: Career Technical, Fine Arts, or World Languages</th>
<th>CTE Student Organization(s):</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English 3-4, Geometry, MT Government, Health / PE 3-4, Biology 1-2, Financial Tech Skills, and two credits of the following: Career Technical, Fine Arts, or World Languages</td>
<td>None</td>
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<td>CTE and/or Electives</td>
<td>Culinary Arts I / Culinary Arts II, French / Spanish</td>
<td>Other Recommended CTE Courses:</td>
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<td>Entrepreneurship</td>
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<td>Multi – Media</td>
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<td>Business Management</td>
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<table>
<thead>
<tr>
<th>11th</th>
<th>Graduation Requirements Workforce/2-Year College Prep</th>
<th>English 5-6, US History, Math, Additional Science, Fine Arts, and two credits of the following: Career Technical, Fine Arts, or World Languages</th>
<th>CTE Student Organization(s):</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English 5-6, US History, Algebra 2, One of the following: Chemistry, Physics, or Biology; Fine Arts, and two credits of the following: Career Technical, Fine Arts, or World Languages</td>
<td>None</td>
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<tr>
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<td>CTE and/or Electives</td>
<td>Culinary Arts II / Culinary Arts III – Hospitality, French / Spanish</td>
<td>Other Recommended CTE Courses:</td>
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<thead>
<tr>
<th>12th</th>
<th>Graduation Requirements Workforce/2-Year College Prep</th>
<th>English 7-8, Government, and two credits of the following: Career Technical, Fine Arts, or World Languages</th>
<th>CTE Student Organization(s):</th>
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<td>4-Year MT College/Univ Prep (Rigorous Core)</td>
<td>English 7-8, Government, Math encouraged, and two credits of the following: Career Technical, Fine Arts, or World Languages</td>
<td>None</td>
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<td>CTE and/or Electives</td>
<td>Culinary Arts II / Culinary Arts III – Hospitality, Independent Study</td>
<td>Other Recommended CTE Courses:</td>
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<td>Business Management</td>
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### ADVANCED LEARNING OPPORTUNITIES
**High School to College/Career Linkages**

**CTE START courses:**

**Advanced Placement or IB courses:** AP Art, AP Bio, AP English, AP Government, Advanced Chemistry

**Dual Enrollment courses:**

**Online courses:**

**Other:**

Hospitality & Tourism, page 1 of 2
### POSTSECONDARY PROGRAM OF STUDY

<table>
<thead>
<tr>
<th></th>
<th>Math</th>
<th>English</th>
<th>Major</th>
<th>Other</th>
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<td>WRIT 121</td>
<td>CULA 101, CULA 105</td>
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<td>CULA 160, CULA 161</td>
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<td>14—Semester 1</td>
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<td>CULA 158, CULA 160,</td>
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<td>CULA 298</td>
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### MONTANA POSTSECONDARY OPPORTUNITIES

Montana University System Degree and Program Inventory: [http://www.homepage.montana.edu/~mus/drginv/](http://www.homepage.montana.edu/~mus/drginv/)
Your Guide to Montana's Certificate and Associate Degree Programs: [http://mus.edu/twoyear/YourGuide.html](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
- MSU—Missoula
- 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](http://todaysmilitary.com)

#### PROFESSIONAL CERTIFICATE
- Requires diploma or GED
- Less than 30 credits; little/no general ed credits
- Complete in one year or less
- Bakers, Chefs
- Dinner Cooks
- 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)

#### APPRENTICESHIP
- Requires diploma or GED
- Must be at least 18
- Minimum 2,000 hours of supervised experience
- Culinary Arts — MCOT
- Hospitality Management — BFCC

#### CERTIFICATE OF APPLIED SCIENCE
- Requires diploma or GED
- 30-45 credits; limited general education credits
- Complete in one year or less

#### 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)
- Culinary Arts — FVCC
- Hospitality Management — BFCC
- Food Service Management — MCOT
- Small Business Entrepreneurship Technology — HCOT

#### BACCALAUREATE DEGREE
- Requires 4-year college prep for admission
- 128 credits (approximately)
- Complete in four years
- Recreation Management/Nature-Based Tourism — UM

Degree and Program Inventory above may not be all inclusive.