

MONTANA'S BIG SKY PATHWAYS

February 2009

1. Montana's own logo



2. National icons for career clusters
<http://www.careerclusters.org/>



3. Cluster Overview from Department of Labor (O*NET Online)
<http://online.onetcenter.org/find/>

4. Pathway Options
<http://www.careerclusters.org/>

5. Occupation examples from Department of Labor (O*NET Online)
<http://online.onetcenter.org/find/>

6. *Suggested High School Courses*—schools should replace the generic names with their own. Also, schools should include district requirements beyond the State's minimum.

7. Graduation Requirements

10.55.905 GRADUATION REQUIREMENTS (State of Montana ARM)

(1) *As a minimum, a school district's requirements for graduation shall include a total of 20 units of study that enable all students to meet the content and performance standards.*

(2) *In order to meet the content and performance standards, the following 13 units shall be part of the 20 units required for all students to graduate:*

(a) *4 units of English language arts;*

(b) *2 units of mathematics;*

(c) *2 units of social studies;*

(d) *2 units of science;*

(e) *1 unit of health enhancement, with 1/2 unit each year for two years;*

(f) *1 unit of arts;*

(g) *1 unit of vocational/technical education.*

(3) *Units of credit earned in any Montana high school accredited by the Board of Public Education shall be accepted by all Montana high schools.*

(4) *In accordance with the policies of the local board of trustees, students may be graduated from high school with less than four years enrollment.*

History: Sec. 20-2-114, MCA; IMP, Sec. 20-2-121, 20-3-106, 20-7-101, MCA; NEW, 1989 MAR p. 342, Eff. 7/1/89; AMD, 1998 MAR p. 2707, Eff. 10/9/98; AMD, 2000 MAR p. 3340, Eff. 12/8/00.

8. Two Year College Prep: <http://mus.edu/admissions.asp>

9. 4-Year MT College/University Prep (Rigorous Core)
Board of Regents: <http://mus.edu/admissions.asp>

10. Cluster Foundation Courses (usually freshman/sophomore level)
Based on the Essential Knowledge and Skill Statements:

- Academic Foundations
- Communications
- Problem Solving/Critical Thinking
- **Information Technology Applications** (included as a cluster foundation course in all clusters)
- Systems
- Safety, Health & Environment
- Leadership & Teamwork
- Ethics & Legal Responsibilities
- Employability & Career Development
- Technical Skills

11. Pathway Courses—school’s own sequence of courses that will best prepare a student for postsecondary opportunities in that pathway. These courses should be taken after the Cluster Foundation courses (usually junior/senior level)
12. Student Organization(s)
 - A. CTE student organizations—BPA, DECA, FCCLA, FFA, HOSA, SkillsUSA, TSA
 - B. Other student organizations that promote the Essential Knowledge & Skills
13. Advanced Learning Opportunities (based on cluster)
 - A. Tech Prep opportunities available at the school/district
 - B. Advanced Placement courses offered at the school/district
 - C. Running Start opportunities available at the school/district
 - D. Work-based Learning opportunities available through school (job shadows, internships, work experience)
 - E. On-line Learning Opportunities available
14. Industry recognized certificates
15. Postsecondary opportunities—Montana University System only
<http://www.homepage.montana.edu/~mus/drginv/>
 - A. Military
 - B. Professional Certificate
 - C. Apprenticeship
 - D. Certificate of Applied Science
 - E. Associate’s Degree of Applied Science
 - F. Baccalaureate Degree
16. Footer—name of cluster and date