



Montana College Preparatory Curriculum Program 2015-2016 and 2016-2017
Billings West High School ----- Last Updated February 19, 2016

<p>English: Minimum Core – 4 years. In each year the content of the course should have an emphasis upon the development of written and oral communication skills and literature. English: Rigorous Core – 4 years. Recommendation: a designated college-prep composition or research writing course.</p>	<p>Social Studies: Minimum Core – 3 years. The courses shall include Global Studies (such as World History or World Geography); American History; and Government, Economics, Indian History or other third year courses. Social Studies: Rigorous Core – 3 years. As above, with recommendation: one half year or more of other courses such as psychology, humanities.</p>
<p><u>Yearlong English courses including Composition Speech, and Literature:</u> English 1, 2, 3 Honors English 1, 2, 3 AP English 4</p> <p><i>Other English courses which must be combined in such a way that each year's combination includes Composition, Speech, and Literature:</i></p> <p><u>Literature:</u> U.S. Literature Block World Literature 1, 2 Contemporary Literature 1, 2 College Writing/English 4</p>	<p>Students must complete a full year of global studies such as World History or World Geography, a full year of American History, and an additional year in another social studies field such as economics, government, psychology, sociology, tribal government, or Indian Ed for All. (Per Joyce A. Scott, Deputy Commissioner Academic & Student Affairs, April 2002.)</p> <hr/> <p>World History <u>American History:</u> U.S. History U.S. History Block AP U.S. History College American History 1, 2</p> <p><u>Additional Social Studies Courses:</u> American Government AP American Government Economics Montana History Psychology Sociology 20th Century Genocide College Sociology</p>

<p>Math: Minimum Core – 3 years. Courses shall include Algebra I, Geometry and Algebra II (or the sequential content equivalent of these courses). Students are encouraged to take a math course in their senior year. NOTE: In school systems where a student may take Algebra I in 8th Grade, the student still must complete 3 years of college preparatory math in High School. (Per Richard A. Crofts, Commissioner of Higher Education, 1995.)</p> <p>Math: Rigorous Core – 4 years. A course beyond Algebra II or beyond Integrated Math III (such as Trigonometry, PreCalculus, Calculus, Computer Math, Integrated Math IV).</p>	<p>Science: Minimum Core – 2 years. Two years of laboratory science: One year must be earth science, biology, chemistry or physics. The other can be one of the courses listed below or another approved college preparatory lab science.</p> <p>Science: Rigorous Core – 3 years. One full year of general earth science, biology, and chemistry or physics.</p>
<p><u>Satisfies Minimum Core:</u></p> <p>Algebra 1, 2 Honors Algebra 2 Geometry Technical Geometry Honors Geometry Intermediate Algebra</p> <p><u>Satisfies Rigorous Core:</u></p> <p>Algebra 3 Honors Algebra 3 Pre-Calculus Honors Pre-Calculus AP Statistics AP Calculus College Algebra (1 semester) College Trigonometry (1 semester) Discrete Math College Technical Math (1 semester) Extended Technical Math (1 semester)</p>	<p><u>Lab Science Courses:</u></p> <p>Biology 1, 2 Honors Biology 1 Chemistry Honors Chemistry Physics 1, 2 Honors Physics 1 Earth Science Honors Earth Science</p> <p><u>Additional Science Courses:</u></p> <p>Environmental Science Geology Human Anatomy</p>

Electives: Minimum Core – 2 years, chosen from the following.

World Language (preferably 2 years); computer science, visual and performing arts, or vocational education units which meets the Office of Public Instruction (OPI) guidelines.

Electives: Rigorous Core – 3 years, chosen from the following.

Two years of second language, music, fine arts, speech and debate, career and technical education (such as information technology (IT) or computer science).

Career, Vocational and Technical Education:

Accounting 1, 2, 3, 4
Animation Lab
Applied Medicine
Auto Care
Auto Power Train
Auto Electric 1, 2
Brakes
Career Teaching, Elementary
Carpentry
CNC Machinist Tech/Design
Computer Programming 1, 2, 3, 4
Computer Applications
Construction Fundamentals
Construction Tech 1, 2, 3, 4
Building Trade
House Building
Consumer Housing
Culinary 1, 2
Culinary Essentials
Design Layout
Desktop Publishing
Drafting 1, 2
Architect Drafting
Engineer Drafting
Design Advertisement
Early Childhood Fundamentals
Early Childhood Intellectual Development
Early Childhood Physical Development
Early Childhood Social Development
Educational Services
Electronics 1, 2
Electric 1, 2
Electrical Tech1, 2
Electronic Communication 1, 2
Elementary Internship
Engines
Engine Fund.
Entrepreneurs
Family Life
Fundamentals of Elementary Education
Graphics/Print Photo
Home Design
Horticulture
House Building
Interior Design
Jobs for Montana Graduates

Music:

Chamber Band
Chamber Choir
Chamber Orchestra
Chantrelles
Cantus
Concert Choir
Concert Band
Meistersingers
Music Improv
Music Theory
Percussion Ensemble
Philharmonic Orchestra
Symphonic Band

Fine Arts and Speech & Debate:

Digital Photography
Digital Illustration
Art 1, 2
Advanced Art
Ceramics 1, 2
Speech and Debate/Forensics
Drawing and Design
Jewelry 1, 2
Painting 1, 2
Sculpture
Graphics and Print/Photo
Design Advertisement/Design Layout
Animation 1, 2
Intro to Drama
Theater 1, 2

World Language:

Spanish 1, 2, 3, 4
AP Spanish 4
French 1, 2, 3, 4
German 1, 2, 3, 4

<p>Manufacturing Design Manufacturing Process Manufacturing System Manufacturing Tech Personal Finance Power Train Woods 1, 2, 3, 4 Single Survival Suspension/Steering Tech Lab Technical Education 1, 2 Personal Finance Marketing College Intro to Business Textiles 1, 2, 3 Urban Agriculture 1, 2 Webpage Design 1, 2 Early Childhood Emotional Development Drive Ability Performance Engine Systems Home Improvement Design Improvement Principals of Biomedical Sciences Human Body Systems Medical Interventions Intro to Engineering Design Principles of Engineering Digital Electronics Aerospace Engineering Engineering Capstone Geometry in Construction College Welding Emergency Medical Technician College Interior Design Advanced Computer Applications Café Protégé Botany Environmental Studies Digital Illustration Digital Photography</p>	
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