BUTTE HIGH SCHOOL

Bulldogs

Course Guide 2024-2025

Welcome to Butte High School

Our Mission

Butte Public Schools will create, in partnership with our staff, families and community, challenging opportunities for all students to be successful as they become responsible and contributing citizens, and master the knowledge and skills essential for life-long learning in our changing and diverse world.

Our Vision

Butte Public Schools will create a progressive, educational environment in which each day, each student achieves success in a safe, positive, supportive and orderly learning environment.

Our Beliefs and Values

- A safe and caring environment will exist in all schools.
- Education will be a primary responsibility and investment of society.
- Butte School District No. 1 staff members are valued. Staff members will be involved in professional growth and development activities.
- Student's self-esteem is important; they will feel valued as human beings and successful as learners.
- All students will learn to become responsible partners in their education and contributing members of their community.
- Students will develop a foundation of technological knowledge that will enable them to access, use and evaluate information.
- Cultural and social diversity are strengths – feelings and beliefs of others will be respected.

BUTTE HIGH SCHOOL

401 S. Wyoming St.
Butte, MT 59701

Important Phone Numbers

Attendance Office	533-2250 / 533-2251
Dean's Office	
All Student-Related Matters	
Records / Transcripts Office	533-2250 / 533-2251
Main Office	533-2200
Teacher & Business-Related Matters	
Athletic / Activities Office	533-2215

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www.bsd1.org

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GRADUATION REQUIREMENTS

Butte High School requires that all students earn 20 (15 required and 5 elective) credits to graduate.

ENGLISH	4 Credits
MATHEMATICS	3 Credits
SCIENCE	2 Credits
MONTANA HISTORY / GEOGRAPHY	½ Credit
AMERICAN HISTORY	1 Credit
GOVERNMENT	½ Credit
HEALTH / PHYSICAL EDUCATION	2 Credits
CAREER AND TECHNICAL EDUCATION (Practical Art)	1 Credit
FINE ART	1 Credit
FINANCIAL LITERACY*	(½ Credit)*
ELECTIVE**	5 Credits
TOTAL CREDITS REQUIRED	**20 Credits**

*Financial Literacy (½ Credit) is required for graduation. This requirement can be satisfied within one of the following courses:

- Managing Money/Financial Literacy
- 3+1+3 Intro to Business
- Consumer Math
- Family Life
- Practical Math

**Elective credits may be earned from classes in all content areas.

To participate in the graduation exercises, all 20 units and required courses must be completed.
In order to request early graduation from Butte High School, the student must have a 3.3 GPA or above and have completed 20 units in all required courses.

DUAL CREDIT COURSES

Butte High School students have the option to take identified courses as DUAL CREDIT. A Dual Credit course awards both high school and college credit for a college course taken by the student. These credits are transferrable to any Montana University System institution. Students must be 16 years of age or a high school junior/senior to participate in the university credit option. Additional requirements and/or fees may apply. If you are interested in taking a Dual Credit course, please see your counselor for more information.

Dual Credit offerings through **Montana Tech** and the **Highlands College of Montana Tech** include:

- 3+1+3 English Comp – College Writing (WRIT 101)
- 3+1+3 College Algebra – College Algebra (M 121)
- 3+1+3 PreCalculus – PreCalculus (M 151)
- 3+1+3 Technical Math – Technical Math (M 111)
- 3+1+3 Intro to Engineering – Intro to Engineering (EGEN 101)
- 3+1+3 Physics Honors – Fundamentals of Physics I (PHSX 121) and Fundamentals of Physics II (PHSX 123)
- 3+1+3 Intro to Business – Introduction to Business (BGEN 105)
- 3+1+3 Microsoft Excel – Basic Microsoft Excel (CAPP 156)
- 3+1+3 Microsoft Office – Basic Microsoft Office (CAPP 131)
- 3+1+3 Welding III – Shop Safety (WLDG 117), Blueprint Reading (WLDG105), Welding Theory I (WLDG110), and Welding Theory I Practical (WLDG111)
- 3+1+3 Fundamentals of Construction – Carpentry Basics and Rough-in Framing (CSTN 120)
- 3+1+3 Spanish III – Elementary Spanish I (SPNS 101) and Elementary Spanish II (SPNS 102)
- 3+1+3 German I – Elementary German I (GRMN 101)
- 3+1+3 German II – Elementary German II (GRMN 102)
- 3+1+3 German III – Elementary German III (GRMN 201)

Dual Credit offerings through the **University of Montana – Western** include:

- 3+1+3 Child Development – Child Adolescent Growth and Development (EDEC 247)
- 3+1+3 Intro to Education – Intro to Education (ED201)

Students must satisfy all course prerequisites and placement requirements. These may include ACT scores, Placement scores, MUSWA writing scores, or other campus-specific exams. The Dual Credit score requirements follow:

Dual Credit Score Requirements

HIGH SCHOOL COURSE	COLLEGE COURSE	ACT SCORE	PLACEMENT SCORE
3+1+3 TECHNICAL MATH	M111 Technical Math	Math 18	M090 Intro to Algebra
3+1+3 COLLEGE ALGEBRA	M 121 College Algebra	Math 22	M121 College Algebra
3+1+3 PRECALCULUS	M 151 PreCalculus	Math 24	M151 PreCalculus
3+1+3 INTRO TO ENGINEERING	EGEN 101 Intro to Engineering	Math 24	M151 PreCalculus
3+1+3 PHYSICS HONORS	PHSX 121 Physics I and PHSX 123 Physics II	Math 27	M171 Calculus
3+1+3 ENGLISH COMP	WRIT 101College Writing	ELA 18 or Writing Score 7	WRIT 101 College Writing

*Placement scores are subject to change. If you are interested in taking a Dual Credit course, please see your counselor.

Registration for Dual Credit courses offered through Montana Tech or the University of Montana-Western takes place twice in a school year: once in the fall semester and once in the spring semester. The Dual Credit Registration Schedule follows:

Dual Credit Registration Schedule

HIGH SCHOOL COURSE	COLLEGE COURSE TITLE	COLLEGE COURSE #	Fall Semester (September)	Spring Semester (January)	Semester Enrolled in Course
3+1+3 English Comp	College Writing	WRIT 101			X
3+1+3 College Algebra	College Algebra	M 121		X	
3+1+3 PreCalculus	PreCalculus	M 151		X	
3+1+3 Technical Math	Technical Math	M 111		X	
3+1+3 Intro to Engineering	Intro to Engineering	EGEN 101		X	
3+1+3 Physics Honors	Fundamentals of Physics I	PHSX 121	X		
	Fundamentals of Physics II	PHSX 123		X	
3+1+3 Intro to Business	Introduction to Business	BGEN 105			X
3+1+3 Microsoft Excel	Microsoft Excel	CAPP 156			X
3+1+3 Microsoft Office	Basic Microsoft Office	CAPP 131			X
3+1+3 Welding III	Shop Safety	WLDG 117	X		
	Blueprint Reading	WLDG 105	X		
	Welding Theory I	WLDG 110		X	
	Welding Theory I Practical	WLDG 111		X	
3+1+3 Fundamentals of Construction Tech	Carpentry Basics and Rough-in Framing	CSTN 120		X	
3+1+3 Spanish III	Elementary Spanish I	SPNS 101	X		
	Elementary Spanish II	SPNS 102		X	
3+1+3 German I	Elementary German I	GRMN 101		X	
3+1+3 German II	Elementary German II	GRMN 102		X	
3+1+3 German III	Elementary German III	GRMN 201		X	
3+1+3 Child Development	Child Adolescent Growth and Development	EDEC 247	X		
3+1+3 Intro to Education	Intro to Education	ED 201		X	

ADVANCED PLACEMENT COURSES

Advanced Placement (AP) Courses are rigorous, college-level courses designed to prepare students for the Advanced Placement exams. These courses place an emphasis on a deep level of content engagement, analysis, and understanding. Most universities and colleges give college credit to students whose Advanced Placement exam is considered acceptable. If you are interested in taking an Advanced Placement course, please see your counselor for more information.

Butte High School offers the following Advanced Placement courses:

- Calculus AP
- Chemistry II Honors AP
- World History AP
- American History AP
- American Government AP

MONTANA UNIVERSITY SYSTEM – ADMISSION REQUIREMENTS

Butte High graduates, who plan to attend the Montana University System, must meet the following admission requirements.

Montana Universities require ONE in each of the following three categories:

Achieve ONE of the following:

- Earn an ACT Composite Score of 22 or higher, or SAT Score of 1120 or higher
- 2.5 GPA or higher
- Rank in the upper half of the class

Demonstrate Math Proficiency through one of the following:

- ACT Score of 22 or SAT score of 27.5 on the Math section
- Completion of a Rigorous High School Core that includes four years of Math with grades of C or higher

Demonstrate Writing Proficiency through one of the following:

- ACT ELA Score of 18
- ACT Writing Score of 7
- SAT Writing and Language test score of 25

Students attending a Montana university are recommended to take the following college preparatory classes:

- Four (4) credits of English
- Three (3) credits of Mathematics which must include Algebra I, Algebra II, and Geometry
- Three (3) credits of Laboratory Science – Biology, Chemistry, Physics
- Three (3) credits of Social Studies, which must include a Global Studies
- Two (2) credits from the following: Foreign Language, Computer Science, Visual / Performing Arts, or Vocational Education

Foreign Languages do not fulfill any requirements. They are considered to be an ELECTIVE Credit. Montana colleges and universities do not require language for admission. However, many out-of-state colleges and private colleges do require a foreign language for admission. It is the student's responsibility to find out the requirements for out-of-state colleges and universities.

Community Colleges and Vocational School - Admission Recommendations

Community Colleges and Vocational Schools do not require ACT scores, SAT scores, or a college preparatory curriculum. These two-year programs only require a high school diploma.

Butte High School offers a large variety of electives in the areas of art, business, and vocational courses.

NCAA ELIGIBILITY ACADEMIC REQUIREMENTS

The NCAA Division I and NCAA Division II require 16 core credits for initial eligibility.

Division I
4 years of English
3 years of Mathematics (Algebra I or higher)
2 years of Natural / Physical Science (1 year of lab if offered by high school)
1 year of additional English, Mathematics or Natural / Physical Science
2 years of Social Science
4 years of additional courses (from any area above, foreign language, or comparative religion / philosophy)

Division II
3 years of English
2 years of Mathematics (Algebra I or higher)
2 years of Natural / Physical Science (1 year of lab if offered by high school)
3 years of additional English, Mathematics or Natural / Physical Science
2 years of Social Science
4 years of additional courses (from any area above, foreign language, or comparative religion / philosophy)

For detailed information regarding the NCAA academic eligibility requirements, please contact your counselor. Planning for NCAA eligibility must start in Grade 9.

NCAA approved Butte High School courses include:

English	Mathematics	Social Science	Natural / Physical Science	Lab Science
English I	Algebra I	American Government	PreChem / PrePhysics	
English I Honors	Geometry	American Government AP	PreChem / PrePhysics Honors	X
English II	Geometry Honors	American History	Biology	X
English II Honors	Algebra II	American History AP	Biology Honors	X
English III	Algebra II Honors	World History	Chemistry I	X
English III Honors	Pre-Calculus	World History AP	Chemistry I Honors	X
English Comp	Calculus AP	Sociology	Chemistry II Honors AP	X
English Literature	College Algebra	Montana History	Physics	X
			Physics Honors	X
			Human Anatomy / Physiology	X

To meet NCAA eligibility requirements, Montana History must be taken in combination with Butte History, and American Government must be taken in combination with Sociology.

Additional Core Courses

German I	German II	German III
Spanish I	Spanish II	Spanish III

"Believe you can and you're halfway there" - Theodore Roosevelt

GRADING SYSTEM

It is recognized by educators and parents alike that student performance should be evaluated regularly, so that appropriate steps may be taken to maintain, remedy, enrich, or strengthen the student's performance. A grading system must be easily interpreted by both the teacher and student.

Butte High School uses the following grading system:

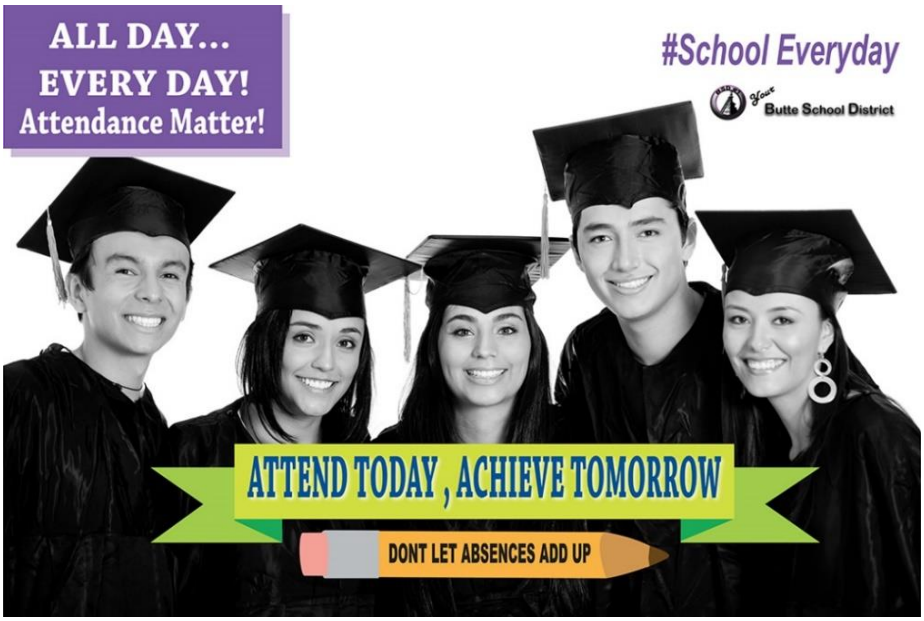
A	100% - 90%	Superior; exceptional achievement
B	89% - 80%	Above average work
C	79% - 70%	Average achievement
D	69% - 60%	Below average, barely meeting the requirements
F	59% and below	Failure
I	Incomplete	Must be made up within two weeks, or grade reverts to F
P	Pass	Completion of course for full credit (not included in grade point calculations)
W	Withdrawal	No grade or credit earned (not included in grade point calculations)

Report cards will be issued every six weeks.

Only semester grades become part of the student's permanent record.

For computing grade point averages, the following numerical values are assigned to the letter grades:

A	**4**
B	**3**
C	**2**
D	**1**
F	**0**
I	**0**
W	**0**



Graduation Planning Worksheet

English (4 credits)	**Sem 1**	**Sem 2**	
1.			
2.			
3.			
4.			
Math (3 credits)	**Sem 1**	**Sem 2**	
1.			
2.			
3.			
Science (2 credits)	**Sem 1**	**Sem 2**	
1.			
2.			
3.			University admission requirements may include three years of science.
Social Studies (2 credits)	**Sem 1**	**Sem 2**	
1. Montana History (1 semester)			
2. American History			
3. Government (1 semester)			
4. World History			University admission requirements include one year of World History.
Health/Physical Education (2 credits)	**Sem 1**	**Sem 2**	
1. 9th Grade			
2. 10th Grade			
Fine Art (1 credit)	**Sem 1**	**Sem 2**	
1.			
Career and Technical Ed (1 credit)	**Sem 1**	**Sem 2**	
1.			
Financial Lieteracy (0.5 credit)	**Sem 1**	**Sem 2**	
1.			
Electives (5 credits)	**Sem 1**	**Sem 2**	
1.			
2.			
3.			
4.			
5.			

Notes

"You're off to great places,
Today is your day!
Your mountain is waiting,
So ... get on your way!"
Dr. Seuss

COURSES BY DEPARTMENT

English (EN)	Course Number	Grade	Term	Credit Type	Prerequisites
English I	140	9	1 YR	EN	None
English I Honors	141	9	1 YR	EN	Instructor Recommendation
English II	148	10	1 YR	EN	English I
English II Honors	149	10	1 YR	EN	English I / Instructor Recommendation
English III	153	11	1 YR	EN	English I, II
English III Honors	156	11	1 YR	EN	English II / Instructor Recommendation
General English III	157	11	1 YR	EN	Instructor Approval
English Literature	160 (SEM1) 161 (SEM2)	12	1 SEM	EN	English I, II, III
English for the Workplace	168	12	1 YR	EN	Language Arts 11, or General English III
Industry and Professional Communications	10145 (S1) 10146 (S2)	12	1 SEM	EN	English I, II, III
3+1+3 English Comp	162 (SEM1) 163 (SEM2)	12	1 SEM	EN	English I, II, III
English Credit Recovery	170 (SEM1) 172 (SEM2)	9, 10, 11, 12	1 SEM	EN	Counselor Placement

Health / Physical Education (PE)	Course Number	Grade	Term	Credit Type	Prerequisites
9th Health / PE	319	9	1 YR	PE	None
9th Health / Weight Training	310	9	1 YR	PE	None
10th Health / PE	326	10	1 YR	PE	None
10th Health / Weight Training	313	10	1 YR	PE	None
Advanced Physical Education and Weight Training	311	11, 12	1 YR	PE	Grade 9 & Grade 10 Physical Education Courses/Instructor Approval

Mathematics (MA)	Course Number	Grade	Term	Credit Type	Prerequisites
Algebra A	106	9, 10, 11, 12	1 YR	MA	Instructor Approval
Algebra I	110	9, 10, 11, 12	1 YR	MA	None

COURSES BY DEPARTMENT

Mathematics (MA)	Course Number	Grade	Term	Credit Type	Prerequisites
Geometry A	108	10, 11, 12	1 YR	MA	Instructor Approval
Geometry	113	9, 10, 11, 12	1 YR	MA	Algebra I
Geometry Honors	114	9, 10, 11, 12	1 YR	MA	Algebra I
Algebra II	111	10, 11, 12	1 YR	MA	Algebra I
Algebra II Honors	112	10, 11, 12	1 YR	MA	Algebra I
Consumer Math*	102	11, 12	1 YR	MA	Instructor Approval
3+1+3 College Algebra	121	11, 12	1 YR	MA	Algebra II or Algebra II Honors
3+1+3 Technical Math	122	11, 12	1 YR	MA	Algebra I (C or better)
3+1+3 Pre-Calculus	116	11, 12	1 YR	MA	Algebra II or Algebra II Honors
Calculus AP	117	12	1 YR	MA	Pre-Calculus
Math Credit Recovery	120 (SEM1) 125 (SEM2)	9, 10, 11, 12	1 SEM	MA	Counselor Placement
Algebra I Credit Recovery	107 (SEM2)	9, 10, 11, 12	1 SEM	MA	Counselor Placement

Science (SC)	Course Number	Grade	Term	Credit Type	Prerequisites
Foundations of Physical Science	201	9, 10, 11, 12	1 YR	SC	Counselor Placement/Instructor Approval
PreChem/PrePhysics	210	9, 10, 11, 12	1 YR	SC	Alg A or Alg I; Enrolled in Alg A or Alg I
PreChem/PrePhysics Honors	211	9, 10, 11, 12	1 YR	SC	Algebra 1
Basics of Biology	219	10, 11, 12	1 YR	SC	Counselor Placement/Instructor Approval
Biology	206	10, 11, 12	1 YR	SC	PreChem/PrePhysics
Biology Honors	207	10, 11, 12	1 YR	SC	PreChem/PrePhysics
Chemistry I	220	11, 12	1 YR	SC	PreChem/PrePhysics, Algebra I
Chemistry I Honors	225	11,12	1 YR	SC	PreChem/PrePhysics, Algebra II, or PreCalculus

COURSES BY DEPARTMENT

Science (SC)	Course Number	Grade	Term	Credit Type	Prerequisites
Human Anatomy/Physiology	222	11, 12	1 YR	SC of CTE	PreChem/PrePhysics, Biology
Physics	223	11, 12	1 YR	SC	PreChem/PrePhysics, Biology, Algebra II
Chemistry II Honors AP	10002	12	1 YR	SC	Chemistry I Honors /PreCalculus
3+1+3 Physics Honors	10003	12	1 YR	SC	PreChem/PrePhysics, Biology, Chemistry, PreCalculus

Social Studies (SS)	Course Number	Grade	Term	Credit Type	Prerequisites
Montana History	253 (SEM1) 254 (SEM2)	9, 10, 11, 12	1 SEM	SS	None
Intro to Montana History	279 (SEM1) 280 (SEM2)	9, 10, 11, 12	1 SEM	SS	Instructor Approval
Butte History	249 (SEM1) 251 (SEM2)	9, 10, 11, 12	1 SEM	SS	None
World History	248	10, 11, 12	1 YR	SS	None
World History AP	10952	10, 11, 12	1 YR	SS	Instructor Recommendation
American History	256	11, 12	1 YR	SS	None
American History AP	10953	11, 12	1 YR	SS	Instructor Recommendation
Intro to American History	255	11, 12	1 YR	SS	Instructor Approval
American Government	260 (SEM1) 261 (SEM2)	12	1 SEM	SS	None
American Government AP	262	12	1 SEM	SS	Instructor Recommendation
Intro to American Government	257 (SEM1) 258 (SEM2)	12	1 SEM	SS	Instructor Approval
Intro to Current Events	264 (SEM1) 265 (SEM2)	12	1 SEM	SS	Instructor Approval
Sociology	266 (SEM1) 267 (SEM2)	12	1 SEM	SS	None

COURSES BY DEPARTMENT

Career and Technical Education (CTE)	Course Number	Grade	Term	Credit Type	Prerequisites
Business					
Managing Money / Financial Literacy*	715 (SEM1) 716 (SEM2)	9, 10, 11, 12	1 SEM	CTE	None
Microsoft Office	627 (SEM1) 628 (SEM2)	9, 10, 11, 12	1 SEM	CTE	None
3+1+3 Microsoft Office	706 (SEM1) 707 (SEM2)	11, 12	1 SEM	CTE	None
3+1+3 Intro to Business*	713 (SEM1) 718 (SEM2)	11, 12	1 SEM	CTE	None
3+1+3 Microsoft Excel	714 (SEM1) 717 (SEM2)	11, 12	1 SEM	CTE	None
FACS					
3+1+3 Child Development	657 (SEM1)	11, 12	1 SEM	CTE	None
Family Life*	658 (SEM2)	11, 12	1 SEM	CTE	None
Foods and Nutrition I & II	640	9, 10, 11, 12	1 YR	CTE	None
Culinary Arts I & II	10644	10, 11, 12	1 YR	CTE	Foods and Nutrition I & II
Health Care					
Exploration Healthcare Careers	217	9, 10, 11, 12	1 YR	CTE	None
Human Anatomy/Physiology	222	11, 12	1 YR	SC or CTE	PreChem/PrePhysics, Biology
Industrial Arts					
Auto Tech I	10420 (S1) 10421 (S2)	9, 10, 11, 12	1 SEM	CTE	None
Auto Tech II	10428	10, 11, 12	1 YR	CTE	Auto Tech I
Building Trades I	10422 (S1) 10423 (S2)	9, 10, 11, 12	1 SEM	CTE	None
Building Trades II	10431 (S1) 10432 (S2)	9, 10, 11, 12	1 SEM	CTE	Building Trades I
Computer Aided Design (AutoCAD)	10438 (S1) 10439 (S2)	9, 10, 11, 12	1 SEM	CTE	None
Metal Technology	10426 (S1) 10427 (S2)	9, 10, 11, 12	1 SEM	CTE	None

COURSES BY DEPARTMENT

Career and Technical Education (CTE)	Course Number	Grade	Term	Credit Type	Prerequisites
Welding I	10429 (S1) 10430 (S2)	9, 10, 11, 12	1 SEM	CTE	None
Welding II	410	10, 11, 12	1 YR	CTE	Welding I
3+1+3 Welding III	415	11, 12	1 YR	CTE	Welding I & Welding II
3+1+3 Fundamentals of Construction	435	11, 12	1 YR	CTE	Building Trades I and Building Trades II

Fine Art (FA)	Course Number	Grade	Term	Credit Type	Prerequisites
Art					
Art Design 2D	621 (S1) 622 (S2)	9, 10, 11, 12	1 SEM	FA	None
Art Design 3D	631 (S1) 632 (S2)	9, 10, 11, 12	1 SEM	FA	None
Oil Painting	10631 (S1)	10, 11, 12	1 SEM	FA	Art Design
Sculpture / Metal Smiting	10630 (S2)	10, 11, 12	1 SEM	FA	Art Design
Drawing	10632 (S1)	10, 11, 12	1 SEM	FA	Art Design
Pottery	10633 (S1)	10, 11, 12	1 SEM	FA	Art Design
Printmaking	10635 (S2)	10, 11, 12	1 SEM	FA	Art Design
Mixed Media	10636 (S2)	10, 11, 12	1 SEM	FA	Art Design
Introduction to Digital Photography	10634 (S1) 10637 (S2)	12	1 SEM	FA	Art Design / Instructor Approval
Music					
Concert Choir	603	9, 10, 11, 12	1 YR	FA	None
Varsity Chorale	600	9, 10, 11, 12	1 YR	FA	Audition
Concert Band	614	9, 10, 11, 12	1 YR	FA	Previous instrumental music experience
Strings Orchestra	610	9, 10, 11, 12	1 YR	FA	Previous instrumental music experience
Jazz Band	616	9, 10, 11, 12	1 YR	FA	Previous instrumental music experience / Enrolled in Symphonic Winds or Concert Band

COURSES BY DEPARTMENT

Fine Art (FA)	Course Number	Grade	Term	Credit Type	Prerequisites
Drama					
Beginning Drama	606	9, 10, 11, 12	1 YR	FA	None

Foreign Language	Course Number	Grade	Term	Credit Type	Prerequisites
3+1+3 German I	186	9, 10, 11, 12	1 YR	EL	None
3+1+3 German II	188	10, 11, 12	1 YR	EL	German I
3+1+3 German III	190	11, 12	1 YR	EL	German I & German II
Spanish I	183	9, 10, 11, 12	1 YR	EL	None
Spanish II	184	10, 11,12	1 YR	EL	Spanish I
3+1+3 Spanish III	189	11, 12	1 YR	EL	Spanish I & Spanish II

Publications	Course Number	Grade	Term	Credit Type	Prerequisites
Publication Prod (Newspaper)	179	10, 11, 2	1 YR	CTE	Instructor Approval
Publication Prod (Yearbook)	178	10, 11, 12	1 YR	CTE	Instructor Approval

Additional Courses	Course Number	Grade	Term	Credit Type	Prerequisites
ACT Prep Course	100 (SEM1)	11	1 SEM	EL	None
College Readiness	159 (SEM2)	11	1 SEM	EL	None
3+1+3 Intro to Education	10143	11,12	1 YR	CTE or EL	None
3+1+3 Intro to Engineering	119	11, 12	1 YR	CTE or EL	Currently enrolled in Pre-Calculus or higher
Sports Performance Training	101	11, 12	1 SEM	EL	Grade 9 and Grade 10 Physical Education Courses/Instructor Approval/Priority given to the multi-sport athlete

COURSES BY DEPARTMENT

Additional Courses	Course Number	Grade	Term	Credit Type	Prerequisites
Out of BHS - Period 1	915	12	1 SEM		Good Academic Standing
Out of BHS - Period 2	916	12	1 SEM		Good Academic Standing
Out of BHS - Period 5	917	12	1 SEM		Good Academic Standing
Out of BHS - Period 6	918	11, 12	1 SEM		Good Academic Standing

Specialized Programs	Course Number	Grade	Term	Credit Type	Prerequisites
Language Arts 9	10771	9	1 YR	EN	Instructor Recommendation / Approval
Language Arts 10	10772	10	1 YR	EN	Instructor Recommendation / Approval
Language Arts 11	10773	11	1 YR	EN	Instructor Recommendation / Approval
Language Arts 12	10774	12	1 YR	EN	Instructor Recommendation / Approval
Basic Math I	103	9, 10	1 YR	MA	Instructor Recommendation / Approval
Basic Math II	104	9, 10	1 YR	MA	Instructor Recommendation / Approval
Practical Math III*	127	11, 12	1 YR	MA	Instructor Recommendation / Approval
Life Skills Reading / English	801	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Life Skills Math	803	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only

COURSES BY DEPARTMENT

Specialized Programs	Course Number	Grade	Term	Credit Type	Prerequisites
Family Life Skills	806	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Life Skills FACS	809	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Daily Life Skills	811	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Life Skills Health/PE	805	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Life Skills History / Science	804	9, 10, 11, 12	1 YR		Counselor / Case Manager Placement Only
Life Skills School to Work	799	9, 10, 11, 12	1 SEM		Counselor / Case Manager Placement Only

3+1+3 denotes a dual credit course.

*Course satisifies the financial literacy graduation requirement.

ENGLISH (EN)

	Required Classes
9th Grade	English I (1.0 credit) **OR** English I Honors (1.0 credit)
10th Grade	English II (1.0 credit) **OR** English II Honors (1.0 credit)
11th Grade	English III (1.0 credit) **OR** English III Honors (1.0 credit) **OR** General English III (1.0 credit)
12th Grade	1.0 credit combination of the following: 3+1+3 English Comp (0.5 credit) **OR** English Literature (0.5 credit) **OR** Industry and Professional Communications (0.5 credit) **OR** English for the Workplace (1.0 credit)

ENGLISH I
Grade: 9
Prerequisite: None
Length: 1 Year
Credit: English – 0.5 per semester

English I is designed to cover the five content areas in English Language Arts including: reading, literature, writing, speaking and listening, and media literacy. Students are introduced to a broad range of literature and non-fiction with an emphasis placed on reading comprehension. Writing instruction is focused on introducing the writing process, with an emphasis in skill development, vocabulary growth, grammar, and usage. Research skills as well as technology and Indian Education are integrated throughout the entire course.

ENGLISH I HONORS
Grade: 9
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

English I Honors is designed to cover all core requirements as established in English I while preparing students for other advanced level/ honors courses. Emphasis is placed on developing a more sophisticated level of engagement with the material and expression of ideas.

ENGLISH II
Grade: 10
Prerequisite: English I
Length: 1 Year
Credit: English – 0.5 per semester

English II is designed to cover the five content areas in English Language Arts including: reading, literature, writing, speaking and listening, and media literacy. The course consists of a broad range of literature and non-fiction with emphasis on reading comprehension and literary analysis, technology, and Indian Education. Students refine skills and understanding of the writing process, with an emphasis in skill development, vocabulary, grammar, and usage. Research skills as well as technology and Indian Education are integrated into the course.

ENGLISH II HONORS
Grade: 10
Prerequisite: English I / Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

English II Honors is designed to cover all core requirements as established in English II while preparing students for other advanced level/ honors courses. Emphasis is placed on developing a more sophisticated level of engagement with the material and expression of ideas.

ENGLISH III
Grade: 11
Prerequisite: English I and English II
Length: 1 Year
Credit: English – 0.5 per semester

English III is designed to cover the five content areas in English Language Arts including: reading, literature, writing, speaking and listening, and media literacy. English III focuses on the prose and poetry of American writers from the beginning of our nation's history to the present. Emphasis is placed on reading comprehension and textual analysis through fiction and non-fiction works. Students begin to master the writing process with instructional emphasis on skill development, vocabulary growth, grammar, and usage. Research skills as well as

technology and Indian Education are integrated into the course.

ENGLISH III HONORS

Grade: 11
Prerequisite: English I and English II / Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

English III Honors is designed to cover all core requirements as established in English III while preparing students for other advanced level/ honors courses. Emphasis is placed on developing a more sophisticated level of engagement with the material and expression of ideas.

GENERAL ENGLISH III

Grade: 11
Prerequisite: Instructor Approval
Length: 1 Year
Credit: English – 0.5 per semester

General English III is designed to cover the five content areas in English Language Arts including: reading, literature, writing, speaking and listening, and media literacy. Technology and Indian Education content standards are integrated throughout the entire course. This class is designed for those students whose academic achievement in this area is below proficiency. The emphasis of this course is to provide appropriate instructional intervention so that all students will meet or exceed proficiency in this content area.

ENGLISH LITERATURE

Grade: 12
Prerequisite: English I, English II, English III
Length: 1 Semester
Credit: English – 0.5 per semester

British Literature is designed to present literature of England from the Anglo-Saxon Period to the modern era. The major emphasis is in literature and composition. After completing this course students should have knowledge of Classic English Literature in its various forms as well as the ability to write about it in a critical, mature manner.

ENGLISH FOR THE WORKPLACE

Grade: 12
Prerequisite: Language Arts 11, General English III
Length: 1 Year
Credit: English – 0.5 per semester

English for the Workplace is designed for seniors who will be entering the workforce after high school. This course focuses on developing soft skills, workplace-reading skills, workplace-writing skills, and effective speaking skills for both individual and group communication in an industry or professional environment. Cluster areas of instruction are reading, writing, speaking, and visual. Students learn to employ effectively each of the cluster areas to be an effective and successful communicators in the work environment. This is not a dual credit course.

INDUSTRY AND PROFESSIONAL COMMUNICATIONS

Grade: 12
Prerequisite: English I, English II, English III
Length: 1 Semester
Credit: English – 0.5 per semester

Industry and Professional Communications is a semester course designed for the two-year college bound student. This course focuses on developing soft skills, workplace-reading skills, workplace-writing skills, and effective speaking skills for both individual and group communication in an industry or professional environment. Cluster areas of instruction are reading, writing, speaking, and visual. Students learn to employ effectively each of the cluster areas to be an effective and successful communicators in the work environment.

3+1+3 ENGLISH COMP

Grade: 12
High School Prerequisite: English I, English II, English III
College Prerequisite: ACT Score or Placement Test
Length: 1 Semester
High School Credit: English – 0.5 per semester
College Credit: College Writing (WRIT 101) – 3 credits

English Comp is designed to further develop the college bound high school senior's writing, vocabulary, research, and technology skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. The course introduces students to forms and processes of written communication appropriate to college-level audiences. Coverage includes, at a minimum, expository prose, formal research writing, grammar, usage, and style.

ENGLISH CREDIT RECOVERY

Grade: 9, 10, 11, 12
Prerequisite: Counselor Placement

ENGLISH (EN)

Length: 1 Semester
Credit: English – 0.5 per semester

English Credit Recovery is designed to provide credit recovery in English. Students can recover one half credit per semester of English. Emphasis is placed on attendance, quality of work, and classroom assignments. Students registering for this course should consult with their counselor.

"Nothing is IMPOSSIBLE,
The word itself says
I'M POSSIBLE"
-Audrey Hepburn

HEALTH/PHYSICAL EDUCATION (PE)

	Required Courses
9th Grade	9th Grade Health / PE (1.0 credit) **OR** 9th Grade Health / Weight Training (1.0 credit)
10th Grade	10th Grade Health / PE (1.0 credit) **OR** 10th Grade Health / Weight Training (1.0 credit)
	Elective Courses
11th or 12th Grade	Advanced Physical Education and Weight Training

9th HEALTH / PHYSICAL EDUCATION

Grade: 9
Prerequisite: None
Length: 1 Year
Credit: PE – 0.5 per semester

Health is designed to cover the standards within the health enhancement curriculum. This course incorporates total health and wellness including nutrition, weight management, personal care, and drugs / drug abuse.

Physical Education is designed to cover all physical fitness standards within the health enhancement curriculum. Special attention is given to physical fitness, participation in vigorous sports, and participation in lifetime sports. The essential elements of the course include rules, techniques, and sportsmanship. Physical fitness testing is included as well as providing students an introduction to a broad array of physical fitness activities.

9TH HEALTH / WEIGHT TRAINING

Grade: 9
Prerequisite: None
Length: 1 Year
Credit: PE – 0.5 per semester

Health is designed to cover the standards within the health enhancement curriculum. This course incorporates total health and wellness including nutrition, weight management, personal care, and drugs / drug abuse.

Weight Training is designed to focus on the fundamentals of weight training. Emphasis is placed on using the correct technique, following training programs, and understanding the overall benefit of strength training.

10th HEALTH / PHYSICAL EDUCATION

Grade: 10
Prerequisite: None
Length: 1 Year
Credit: PE – 0.5 per semester

Health is designed to cover the health standards within the health enhancement curriculum. This course deals with elements affecting individual mental and emotional health. Special attention is given to family life, consumer and environmental health issues, and life cycles, emphasizing growth and development, and human reproduction. This class stresses positive self-image and self-confidence in dealing with decisions and problem solving.

Physical Education is designed to cover all physical fitness standards within the health enhancement curriculum. Special attention is given to physical fitness, participation in vigorous sports, and participation in lifetime sports. The essential elements of the course include rules, techniques, and sportsmanship. Physical fitness testing is included as well as providing students an introduction to a broad array of physical activities such as cardiovascular training, core training, and muscle endurance training.

10TH HEALTH / WEIGHT TRAINING

Grade: 10
Prerequisite: None
Length: 1 Year
Credit: PE – 0.5 per semester

Health is designed to cover the health standards within the health enhancement curriculum. This course deals with elements affecting individual mental and emotional health. Special attention is given to family life, consumer and environmental health issues, and life cycles, emphasizing growth and development, and human reproduction. This class stresses positive self-image and self-confidence in dealing with decisions and problem solving.

Weight Training is designed to focus on the fundamentals of weight training. Emphasis is placed on using the correct technique, following training

programs, and understanding the overall benefit of strength training.

ADVANCED PHYSICAL EDUCATION AND WEIGHT TRAINING

Grade: 11, 12
Prerequisite: Grade 9 and Grade 10 Physical Education courses/Instructor Approval
Length: 1 Year
Credit: Elective – 0.5 per semester

Advanced Weight Training is designed to provide an opportunity for development of strength and conditioning for various sports and fitness related activities. Olympic Lifts, free weight exercises, yoga, plyometrics, and conditioning activities are incorporated to promote improvement in strength, endurance, balance, agility, flexibility, and speed. Proper technique, safety precautions, and proper application of the Principles of Training are emphasized.

Health / PE Note: *TAKE CARE OF YOU*
You can only perform at your best if you feel your best. You can feel your best by taking care of your entire self.

- *Exercise every day.*
- *Get enough sleep.*
- *Maintain good relationships with family and friends.*
- *Use exercise to improve your mood and stress.*
- *Make healthy food choices.*
- *Ask for help and support when you need it.*
- *Make safe choices.*

MATHEMATICS (MA)

Required Courses			Elective Courses
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Algebra A (1.0 credit)	Geometry A (1.0 credit)	Consumer Math **OR** Algebra I (1.0 credit)	Algebra II (1.0 credit)
Algebra I (1.0 credit)	Geometry **OR** Geometry Honors (1.0 credit)	Algebra II **OR** Algebra II Honors (1.0 credit)	3+1+3 Pre-Calculus **OR** 3+1+3 College Algebra (1.0 credit)
Geometry **OR** Geometry Honors (1.0 credit)	Algebra II **OR** Algebra II Honors (1.0 credit)	3+1+3 Pre-Calculus **OR** 3+1+3 College Algebra (1.0 credit)	Calculus AP (1.0 credit)

ALGEBRA A
Grade: 9, 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Math – 0.5 per semester

Algebra A is designed as a basic foundation to beginning algebra and geometry and covers mathematical concepts including: problem solving, number operations, algebra, geometry, functions, probability and statistics, and measurement. Special attention is given to algebraic expressions, linear equations, systems of equations, powers, polynomials, graphing, measuring, and basic geometric concepts. Technology is integrated throughout the entire course. This course is structured to meet the needs of the students scoring below proficiency in mathematics.

ALGEBRA I
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Math– 0.5 per semester

Algebra I is designed to emphasize the graphical, numerical, and symbolic aspects of algebra. Specific concepts emphasized throughout the course include: numeric and algebraic expressions, finding solutions to linear equations and inequalities in one and two variables, graphing, data analysis, high order expressions, and equations. Special attention is given to application of each topic.

GEOMETRY A
Grade: 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Math – 0.5 per semester

Geometry A is designed to provide a foundation in basic geometry. The course covers the core requirements as defined in Geometry. Emphasis is placed on gaining an understanding of geometry as a study of the mathematical relationships of objects in the world around us and to use this proficiency to solve problems in everyday life. This course is structured to meet the needs of the students scoring below proficiency in mathematics.

GEOMETRY
Grade: 9, 10, 11, 12
Prerequisite: Algebra I
Length: 1 Year
Credit: Math – 0.5 per semester
Geometry is designed to include an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logical reasoning and proof, parallel lines and polygons, perimeter and area, volume and surface area, similarity and congruence, trigonometry, and transformational geometry. Emphasis is placed on developing critical thinking skills as they relate to logical reasoning, proof, and argument. Students are required to use different technological tools and manipulatives to discover and explain much of the course content.

GEOMETRY HONORS
Grade: 9, 10, 11, 12
Prerequisite: Algebra I / Instructor Recommendation
Length: 1 Year

MATHEMATICS (MA)

Credit: Math – 0.5 per semester

Geometry Honors is designed to cover the entirety of core requirements established in Geometry with a deeper exploration of proof, trigonometry, and coordinate, transformational and solid geometries. Application of concepts and problem solving are emphasized. Advanced algebra skills are applied in geometric situations.

ALGEBRA II

Grade: 10, 11, 12
Prerequisite: Algebra I
Length: 1 Year
Credit: Math – 0.5 per semester

Algebra II is designed as an extension of the graphical, numerical, and symbolic aspects of mathematics learned in Algebra I and the geometric relationships learned in Geometry. Special emphasis is given to topics including: linear systems, quadratics, higher-order polynomials, radical functions, exponential and logarithmic functions, rational functions, and basic trigonometry.

ALGEBRA II HONORS

Grade: 10, 11, 12
Prerequisite: Algebra I / Instructor Recommendation
Length: 1 year
Credit: Math – 0.5 per semester

Algebra II Honors is designed to cover all the core requirements as established in Algebra II with the addition of extending this knowledge into other fields of science and mathematics. This course meets the needs of the advanced mathematics student, focusing on the individual needs of each advanced learner.

CONSUMER MATH*

Grade: 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Math – 0.5 per semester

Consumer Math is designed as a yearlong course of study developed for those students needing additional reinforcement of general mathematics topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. Special attention is given to the individual needs of students with an emphasis on increasing student skills in problem solving and real life applications. This course satisfies the financial literacy graduation requirement.

3+1+3 COLLEGE ALGEBRA

Grade: 11, 12
High School Prerequisite: Algebra II or Algebra II Honors
College Prerequisite: ACT Score or Placement Test
Length: 1 Year
High School Credit: Math – 0.5 per semester
College Credit: College Algebra (M121) – 3 credits

College Algebra is designed to further develop the college bound student's algebra skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course covers standard topics of college algebra including linear and quadratic functions, polynomial and rational functions, exponential and logarithmic functions, and complex numbers.

3+1+3 TECHNICAL MATH

Grade: 11, 12
High School Prerequisite: Algebra I (C or better)
College Prerequisite: Placement Test
Length: 1 Year
High School Credit: Math – 0.5 per semester
College Credit: Technical Math (M111) – 3 credits

Technical Math is designed to further develop the college bound student's math skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course presents basic mathematical topics as they are applied in a technical program. Topics covered include percent, ratio proportion, formula evaluation, basic algebra and geometry concepts, trigonometry and measurement. M111 meets the math requirements for the following degrees: Associate of Applied Science for Construction Technology, Certificate of Applied Science in Automotive, Machining, or Welding and a Certificate for Aerospace Welding.

3+1+3 PRE CALCULUS

Grade: 11, 12
High School Prerequisite: Algebra II or Algebra II Honors
College Prerequisite: ACT Score or Placement Test
Length: 1 Year
High School Credit: Math – 0.5 per semester
College Credit: PreCalculus (M151) – 4 credits

MATHEMATICS (MA)

Pre-Calculus is designed to provide an extension of many Algebra II topics along and an in-depth coverage of trigonometry. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. Topics include: functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, analytic trigonometry, systems of equations and inequalities. This course is a prerequisite for Advanced Placement Calculus.

CALCULUS AP

Grade: 12
Prerequisite: Pre-Calculus
Length: 1 Year
Credit: Math – 0.5 per semester

Calculus AP is designed as a college-level course emphasizing the graphical, numerical, and symbolic aspects of calculus. Topics covered in this course include: a conceptual understanding of limits, derivatives and integrals, the fundamental theorem of calculus, and applications of differentiation and integration. The use of graphing calculators is emphasized throughout this course. This course is designed to prepare students for the AP Calculus examination and is an articulated class that satisfies one prerequisite of the Montana State University System.

MATH CREDIT RECOVERY

Grade: 9, 10, 11, 12
Prerequisite: Counselor Placement
Length: 1 Semester
Credit: Math – 0.5 per semester

Math Credit Recovery is designed as a semester long course. This course is designed to provide credit recovery in Mathematics. Students recover one half credit per semester of Mathematics. Special attention is given to individual needs ensuring students become proficient in mathematics. Emphasis is placed on attendance, quality of work, and classroom assignments.

ALGEBRA I CREDIT RECOVERY

Grade: 9, 10, 11, 12
Prerequisite: Counselor Placement
Length: 1 Semester
Credit: Math – 0.5 per semester

Algebra I Credit Recovery is designed as a semester long course and is offered second semester. This course is designed to provide credit recovery for the first semester of Algebra I. Students recover one half credit per semester of Mathematics. Special attention is given to individual needs ensuring students become proficient in mathematics. Emphasis is placed on attendance, quality of work, and classroom assignments.

"The most certain way to succeed is to just try one more time."
-Thomas Edison

SCIENCE (SC)

	Required Courses
9th Grade	Pre-Chemistry / Pre-Physics (1.0 credit) **OR** Pre-Chemistry / Pre-Physics Honors (1.0 credit) **OR** Foundations of Physical Science (1.0 credit)
10th Grade	Biology I (1.0 credit) **OR** Biology I Honors (1.0 credit) **OR** Basics of Biology (1.0 credit)
	Elective Courses
11th or 12th Grade	Chemistry I **OR** Chemistry I Honors Physics Human Anatomy / Physiology
12th Grade	Chemistry II Honors AP 3+1+3 Physics Honors

FOUNDATIONS OF PHYSICAL SCIENCE
Grade: 9, 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Science – 0.5 per semester

Foundations of Physical Science is designed to cover basic core scientific principles in Physical Science. This course is structured to meet the needs of students scoring below proficiency in science.

PRE-CHEMISTRY / PRE-PHYSICS
Grade: 9, 10, 11, 12
Prerequisite: Algebra A or Algebra I; Enrolled in Algebra A or Algebra I
Length: 1 Year
Credit: Science – 0.5 per semester

Pre-Chemistry / Pre-Physics is designed to cover basic concepts in physics and chemistry. This course enhances investigative skills and information processing.

PRE-CHEMISTRY / PRE-PHYSICS HONORS
Grade: 9, 10, 11, 12
Prerequisite: Algebra I
Length: 1 Year
Credit: Science – 0.5 per semester

Pre-Chemistry / Pre-Physics Honors is designed to cover basic concepts in Pre-Chemistry/Pre-Physics while preparing students for upper division science courses. Special attention is given to the scientific inquiry process. This course meets the needs of the advanced science student, focusing on the individual needs of each advanced learner.

BASICS OF BIOLOGY
Grade: 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Science – 0.5 per semester

Basics of Biology is designed to build comprehensive knowledge and application in regards to the Life Science discipline. This course is structured to meet the needs of students scoring below proficiency in science.

BIOLOGY I
Grade: 10, 11, 12
Prerequisite: Pre-Chemistry/Pre-Physics
Length: 1 Year
Credit: Science – 0.5 per semester

Biology I is designed as an overview of the concepts and functioning of the biological systems on earth. Special attention is given to provide students an opportunity to evaluate and analyze the impact of biotechnology on their lives. Topics include: the chemical basis of life, the cell and its processes, photosynthesis and respiration, nucleic acids and protein synthesis; cell division, genetics, organic variation and taxonomy, microbiology, a survey of the plant and animal kingdom, and ecology.

BIOLOGY I HONORS
Grade: 10, 11, 12
Prerequisite: Pre-Chemistry/Pre-Physics
Length: 1 Year
Credit: Science – 0.5 per semester

Biology I Honors is designed to cover basic concepts covered in Biology I while preparing students for upper division science courses. Special attention is

given to the scientific inquiry process. This course meets the needs of the advanced science student, focusing on the individual needs of each advanced learner.

CHEMISTRY I

Grade: 11, 12
Prerequisite: Pre-Chemistry/ Pre-Physics, Algebra I
Length: 1 Year
Credit: Science – 0.5 per semester

Chemistry I is designed to focus on the fundamental principles of chemistry and to apply this knowledge to an understanding of the descriptive chemistry elements. Special attention is given to lab work which involves both quantitative and qualitative investigations.

CHEMISTRY I HONORS

Grade: 11, 12
Prerequisite: Pre-Chemistry/Pre-Physics, Algebra II or Pre-Calculus
Length: 1 Year
Credit: Science – 0.5 per semester

Chemistry I is designed to focus on the fundamental principles of chemistry and to apply this knowledge to an understanding of the descriptive chemistry elements. Special attention is given to lab work which involves both quantitative and qualitative investigations. This course meets the needs of the advanced science student, focusing on the individual needs of each advanced learner.

HUMAN ANATOMY / PHYSIOLOGY

Grade: 11, 12
Prerequisite: Pre-Chemistry/Pre-Physics, Biology
Length: 1 Year
Credit: Science or Career Technical Education (Practical Art) – 0.5 per semester

Human Anatomy and Physiology is designed to cover the basic principles of how the human body functions. Students identify body structure and function. Extensive lab work is emphasized throughout the course. The course is highly recommended for students considering careers in allied health fields. This course is approved for Prep Tech credit at Highlands College of Montana Tech.

PHYSICS

Grade: 11, 12
Prerequisite: Pre-Chemistry/Pre-Physics, Biology, Algebra II
Length: 1 Year
Credit: Science – 0.5 per semester

Physics is designed to prepare students for the study of physics, chemistry, and scientific technology. Emphasis is placed on problem solving, laboratory procedure, and demonstration.

CHEMISTRY II HONORS AP

Grade: 12
Prerequisite: Chemistry I Honors, Pre-Calculus
Credit: Science – 0.5 per semester

Chemistry II Honors AP is designed to further develop the college bound student's Chemistry I and Chemistry II skills. Fundamental principles of chemistry such as stoichiometry, atomic structure, bonding, gas laws, oxidation-reduction reactions, and chemical equilibria are covered. The experimental nature of the science of chemistry and the mathematical treatment of data are emphasized. A continuation of topics includes: solubility product, chemical thermodynamics, acids and bases, kinetics, electrochemistry, organic compounds, coordination compounds, colligative properties, and nuclear chemistry. This course is designed to prepare students for the AP Chemistry examination and is an articulated class that satisfies one prerequisite of the Montana State University System.

3+1+3 PHYSICS HONORS

Grade: 12
High School Prerequisite: Pre-Chemistry/Pre-Physics, Biology, Chemistry, Pre-Calculus
College Prerequisite: ACT Score or Placement Test
Length: 1 Year
High School Credit: Science – 0.5 per semester
College Credit:
Fundamentals of Physics I (PHSX 121) – 4 credits
Fundamentals of Physics II (PHSX 123) – 4 credits

Physics Honors is designed to further develop the college bound student's Physics I and Physics II skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. The first course of a two-semester sequence deals with the basic principles of physics which covers mechanics, thermodynamics, fluid mechanics, and wave motion. A continuation of PHSX 121 deals primarily with electricity, electric circuits, optics, and nuclear physics. Please note: credit in this course does not count toward an engineering degree at Montana Tech or other Montana University System institution.

SOCIAL STUDIES (SS)

	Required Courses
9th Grade	Montana History (0.5 credit) **OR** Intro to Montana History (1.0 credit)
11th Grade	American History (1.0 credit) **OR** American History AP (1.0 credit) **OR** Intro to American History (1.0 credit)
12th Grade	American Government (0.5 credit) **OR** American Government AP (1.0 credit) **OR** Intro to American Government (0.5 credit)
	Elective Courses
10th Grade	World History **OR** World History AP
12th Grade	Sociology Intro to Current Events

MONTANA HISTORY

Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Montana History is designed to cover the beginnings of early human inhabitants of the state to the modern-day spectrums of politics unique to the Treasure State. Emphasis is on reading and writing to gain knowledge about the state and its people. Students evaluate new information and synthesize that information in a variety of formats. Special attention is given to native peoples; significant events; and state, local, and tribal governments in both historical and contemporary contexts.

INTRO TO MONTANA HISTORY

Grade: 9, 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Intro to Montana History is designed to cover the core content of Montana History. Special attention is given to the individual needs of each learner; whereas, the pace of the course and quantity of content is adjusted to meet the needs of the student who may have difficulty completing the regular course content.

BUTTE HISTORY

Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Butte History is designed as an opportunity to not only learn about the history of Butte, but also to develop an appreciation of Butte and its colorful past through experience-based activities centered around the largest historical district in the United States and its lasting marks sown into the tapestry of this state and nation's existence, then and now. Students engage through the use of intellectual and historical properties of Butte Silver Bow. Students utilize literature, text, visual, and primary sources to develop a semester project. The culminating project incorporates the history, culture, and events within its development as a city and how people shaped the "Richest Hill on Earth," yesterday, today, and tomorrow. Students demonstrate the important role they play in this community, where it has been, and where it is going. This class is taught as a hands-on group approach to learning Butte's beautiful history from its inception in 1864 to the present.

WORLD HISTORY

Grade: 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Social Studies – 0.5 per semester

World History is designed to explore the key events and global historical developments that have shaped the way we live from 8000 BCE to the present. This course addresses global processes through political, social, economic, religious, intellectual, and artistic means. This course focuses on the developments and events that have shaped civilization across time. The students use skills of historical and geographical analysis to explore the history of the world.

SOCIAL STUDIES (SS)

WORLD HISTORY AP
Grade: 10, 11, 12
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: Social Studies – 0.5 per semester

World History AP is designed as a rigorous, college level course to prepare students for the Advanced Placement World History exam. This course places an emphasis on a deep level of content engagement, analysis, and understanding. The course focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present. Students apply historical thinking and writing skills as they explore significant events and global historical developments. The course focuses on the environment, cultures, state-building, economic systems, and social structures which provide areas of historical inquiry for investigation.

AMERICAN HISTORY
Grade: 11, 12
Prerequisite: None
Length: 1 Year
Credit: Social Studies – 0.5 per semester

American History is designed to provide a general study of the United States. Emphasis is placed on political, economic, social, cultural, and geographic developments. Special attention is given to how the ideas, values, and philosophies of the past influenced the people of the United States, both yesterday and today.

AMERICAN HISTORY AP
Grade: 11, 12
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: Social Studies – 0.5 per semester

American History AP is designed to prepare students for the Advanced Placement United States History exam. This class covers the time period from early American Cultures to the present. Special attention is given to evaluating major events and occurrences that shaped the United States of today.

INTRO TO AMERICAN HISTORY
Grade: 11, 12
Prerequisite: Instructor Approval
Length: 1 year
Credit: Social Studies – 0.5 per semester

Intro to American History is designed for the student who may have difficulty in completing the regular course offering. Special attention is given to the individual needs of each learner; pace of the course and quantity of content is adjusted to accommodate individual learners. Emphasis is placed on the heritage, ideas, and values which influence the United States today.

AMERICAN GOVERNMENT
Grade: 12
Prerequisite: None
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

American Government is designed to provide students an opportunity to acquire knowledge of government and practice the skills necessary to become responsible participatory citizens. Special attention is given to the following topics: formation, organization, and functions of the government; comparison of governmental systems including the U.S. with other governmental systems.

AMERICAN GOVERNMENT AP
Grade: 12
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: Social Studies – 0.5 per semester

American Government AP is designed to prepare students for the Advanced Placement Government exam. Emphasis is given to the theoretical foundations of the U.S. system, analysis of various entities of government, purpose and function of the U.S. federal system, and current state and national issues.

INTRO TO AMERICAN GOVERNMENT
Grade: 12
Prerequisite: Instructor Approval
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Intro to American Government is designed for the student who may have difficulty in completing the regular course offering. Special attention is given to the individual needs of each learner; pace of the course and quantity of content is adjusted to accommodate individual learners. Emphasis is placed on the political systems of the United States, its organization, as well as the role of the individual in meeting his/her civic responsibilities and rights.

INTRO TO CURRENT EVENTS
Grade: 12
Prerequisite: Instructor Approval

SOCIAL STUDIES (SS)

Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Intro to Current Events is designed for the student who may have difficulty in completing the regular course offering. Special attention is given to the individual needs of each learner; pace of the course and quantity of content is adjusted to accommodate individual learners. The course offers an examination of contemporary issues as seen through the eyes of media. Special attention is given to geography, international events, and world economy.

SOCIOLOGY

Grade: 12
Prerequisite: None
Length: 1 Semester
Credit: Social Studies – 0.5 per semester

Sociology is designed to examine human relationships and behaviors. Special attention is given to the causes and consequences of human interaction from the group perspective.

"The best way to predict your future is to create it."
– Abraham Lincoln

CAREER AND TECHNICAL ED (CTE)
PRACTICAL ART

CTE / Business

MANAGING MONEY / FINANCIAL LITERACY*
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Managing Money / Financial Literacy is designed to enhance students' financial literacy skills. Students are taught money-management strategies and financial management. This course satisfies the financial literacy graduation requirement.

MICROSOFT OFFICE
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Microsoft Office is designed to enable the student to become proficient in creating and formatting Microsoft Office documents.

3+1+3 MICROSOFT OFFICE
Grade: 9, 10, 11, 2
High School Prerequisite: None
College Prerequisite: None
Length: 1 Semester
High School Credit: Career Technical Education – 0.5 per semester
College Credit: Basics of Microsoft Office (CAPP 131) - 3 credits

Microsoft Office is designed to provide students with a basic introduction into the various capabilities and uses of the microcomputer. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. The student is exposed to the major areas of microcomputer usage in business today using operating system and application software including word processing, spreadsheets, databases and presentation. Emphasis is placed in problem solving, thinking creatively, individual responsibility, and time management. Hands-on computer projects are assigned to assist students in comprehending the overall concepts of microcomputers.

3+1+3 INTRO TO BUSINESS*
Grade: 11, 2
High School Prerequisite: None
College Prerequisite: None
Length: 1 Semester
High School Credit: Career Technical Education – 0.5 per semester
College Credit: Introduction to Business (BGEN 105) - 3 credits

Intro to Business is designed to further develop the college bound student's business skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This is an introductory course that surveys the nature of business, its functions, as well as its various environments and challenges. Topics covered include: basic concepts in the areas of finance, management, ethics, accounting, and marketing. This course satisifies the financial literacy graduation requirement.

3+1+3 MICROSOFT EXCEL
Grade: 11, 12
High School Prerequisite: None
College Prerequisite: None
Length: 1 Semester
High School Credit: Career Technical Education – 0.5 per semester
College Credit: Microsoft Excel (CAPP 156) - 3 credits

Microsoft Excel is designed to develop the college bound student's Microsoft Excel skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course provides the student skills in comprehensive spreadsheet construction.

CTE / FACS

3+1+3 CHILD DEVELOPMENT
Grade: 11, 12
High School Prerequisite: None
College Prerequisite: None
Length: 1 Semester
High School Credit: Career Technical Education – 0.5 per semester
College Credit: Child Adolescent Growth and Development (EDEC 247) – 4 credits

Child Development is designed to provide students with a basic developmental foundation through examining research, theories, issues, developmental stages, and the application of these in relationship to the child from conception through adolescence.

CAREER AND TECHNICAL ED (CTE)
PRACTICAL ART

Students are given the option of taking the course for Dual Credit by paying a tuition fee through the University of Montana Western.

FAMILY LIFE*
Grade: 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Family Life is designed to provide skills for building strong families. Topics include the following: communication, family relationships, sexuality, marriage, family finance and budgeting, pregnancy, parenting skills, and family structures and issues. This course satisfies the financial literacy graduation requirement.

FOODS AND NUTRITION I & II
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Career Technical Education – 0.5 per semester

Foods and Nutrition I is designed to provide students with a foundation in choosing, purchasing, and preparing goods. Students are introduced to various methods of combining fresh foods and convenience foods into a healthy eating plan. Technology aids students in analyzing individual eating plans as well as exploring the use of new and innovative appliances.

Foods and Nutrition II focuses on a wide variety of topics including: business etiquette, workplace skills, cultural diversity, food customs, as well as food technology and menu planning. Exposure to careers in the food industry is an integral part of this course.

CULINARY ARTS I & II
Grade: 10, 11, 12
Prerequisite: Food and Nutrition I and II
Length: 1 Year
Credit: Career Technical Education – 0.5 per semester

Culinary Arts I and II is designed to provide a working knowledge of classical culinary techniques through lecture and hands-on experience. Culinary Arts provides students with a foundation in choosing, purchasing and preparing foods. Students explore the use of new and innovative appliances.

CTE / Health Care

EXPLORATION OF HEALTHCARE CAREERS
Grade: 9, 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Career Technical Education – 0.5 per semester

Exploration of Healthcare Careers is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research systems of the healthcare industry. Students learn about the different healthcare options available and develop the skills needed for employment. CPR/First Aid skills are developed along with communication and team work. This course provides information on the history, legal, and ethical issues involved in healthcare. Students are expected to use these skills and knowledge in real world scenarios throughout the year.

HUMAN ANATOMY / PHYSIOLOGY
Grade: 11, 12
Prerequisite: Pre Chemistry/Pre Physics, Biology
Length: 1 Year
Credit: Science or Career Technical Education – 0.5 per semester

Human Anatomy and Physiology is designed to cover the basic principles of how the human body functions. Students identify body structure and function. Extensive lab work is emphasized throughout the course. The course is highly recommended for students considering careers in allied health fields.

CTE / Industrial Arts

AUTO TECH I
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Automotive Technology I is designed as an introductory course in the study of the fundamental concepts of the automotive world. Major components and how they apply to automotive systems are emphasized.

CAREER AND TECHNICAL ED (CTE)
PRACTICAL ART

AUTO TECH II
Grade: 10, 11, 12
Prerequisite: Auto Tech I
Length: 1 Year
Credit: Career Technical Education – 0.5 per semester

Auto Technology II is designed to continue the study of the fundamental concepts of the automotive world. Course topics include: preventive maintenance, automotive electrical, and diagnosis and repair of automotive systems.

BUILDING TRADES I
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Building Trades is designed to emphasize the types, grades, and standards of building materials including the types of fasteners and their correct uses. Students learn to correctly utilize and maintain commonly used hand and power tools. This course presents basic applied math, lines, multi-view drawings, symbols, various schematics and diagrams, dimensioning techniques, section views, auxiliary views, threads and fasteners, and sketching typical to all shop drawings. Safety in the lab and on the job is stressed.

BUILDING TRADES II
Grade: 9, 10, 11, 12
Prerequisite: Building Trades I
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Building Trades II is an extension of Building Trades I with students having the opportunity to earn NCCER Certification (National Center for Career Education and Research).

3+1+3 FUNDAMENTALS OF CONSTRUCTION
Grade: 11, 12
High School Prerequisite: Building Trades I and Building Trades II
College Prerequisite: None
Length: 1 Year
High School Credit: Career Technical Education – 0.5 per semester
College Credit: Fundamentals of Construction Tech (CSTN 120) - 4 credits

Fundamentals of Construction is designed to further develop the high school student's building construction skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course explores the basics in construction-related safety equipment. It also covers proper safety procedures in the operation of hand and power tools.

COMPUTER AIDED DESIGN (AutoCAD)
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

AutoCAD is designed to teach students AutoCAD software. Students learn the technical and aesthetic aspects of designing buildings, electronic devices, room interiors, machines, and other items. This program instructs on: 2-D design, 3-D design, engineering drawing, drafting technology, and architectural drafting. AutoCAD is used in a variety of fields, ranging from architecture to mechanical design.

METAL TECHNOLOGY
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Metal Technology is designed to teach students the fundamentals of basic welding techniques, hand and power tool use, as well as CNC applications. Students learn the basics of project planning, safety, and problem solving.

WELDING I
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Career Technical Education – 0.5 per semester

Welding I is designed to provide students the opportunity to gain knowledge and skills of welding technology. Processes learned include: GMAW (wire feed), SMAW (arc) and Oxyfuel (gas) welding and cutting as well as power tools used in the metal

working field. Safety, basic welding symbols, and blueprint reading is introduced.

WELDING II

Grade: 10, 11, 12
Prerequisite: Metal Technology / Welding I
Length: 1 Year
Credit: Career Technical Education – 0.5 per semester

Welding II is designed as an extension of Welding I. Students are taught various welding positions and techniques as well as welding qualification. Basic welding symbols, blueprint reading, and safe work practices are emphasized along with proper work skills.

3+1+3 WELDING III

Grade: 11, 12
High School Prerequisite: Welding I and Welding II
College Prerequisite: None
Length: 1 Year
High School Credit: Career Technical Education – 0.5 per semester
College Credit:
Shop Safety (WLDG 117) - 1 credit,
Blueprint Reading (WLDG 105) – 3 credits,
Welding Theory I (WLDG 110) - 2 credits,
Welding Theory I Practical (WLDG 111) – 2 credits

Welding III is designed to further develop the high school student's welding skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course builds on Welding II, expanding knowledge of welding (GTAW, FCAW) and cutting processes, welder qualification, inspection, power tools used in industry, basic metallurgy, and project development. Safe work practices are emphasized along with project development, integration of math and other core classes, and entry level work skills. Students will have the opportunity to complete welder qualification X-ray tests in any position.

FINE ART (FA)

Fine Art (FA) / Art

ART DESIGN 2D
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Art Design is developed around the concept of "Discipline-Based Art Education." This course integrates art history, art criticism, and art aesthetics into the creation and production of fine art. Students spend time in the pottery studio, print lab, sculpture and metals shop, and painting studio. The elements and principals of 2-dimensional art are a main focus of the course and provide students with a basic understanding of the language of visual art. In all areas, students learn to design and illustrate their ideas. This course provides a background in fine arts and creativity which is essential in all subsequent fine art courses.

ART DESIGN 3D
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Art Design is developed around the concept of "Discipline-Based Art Education." This course integrates art history, art criticism, and art aesthetics into the creation and production of fine art. Students spend time in the pottery studio, print lab, sculpture and metals shop, and painting studio. The elements and principals of 3-dimensional art are a main focus of the course and provide students with a basic understanding of the language of visual art. In all areas, students learn to design and illustrate their ideas. This course provides a background in fine arts and creativity which is essential in all subsequent fine art courses.

OIL PAINTING
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Oil Painting is designed as a basic to intermediate class that focuses on oil painting. Students learn composition, color theory, and brushwork. Class topics are landscapes, still life, and portraits.

SCULPTURE / METAL SMITING
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Sculpture / Metal Smiting is designed to explore the three-dimensional realm using the following jewelry making techniques: soldering, casting metal, lapidary, fabrication, design, enameling, and found object sculpture. The students are immersed in critical and creative thinking projects that stimulate and test the creative process. Criticism and history reinforce the creative process.

DRAWING
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Drawing is designed for students to experience the vast two-dimension realm of drawing. Many mediums are explored in the creative and critical thinking realms. The focus is portfolio and studio based which allows students to approach the discipline of creating images and symbols on surfaces. Criticism and history reinforce and assist the creative process.

POTTERY
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Pottery is designed to teach pottery wheel techniques. Students use skills developed on the wheel, hand building skills, and critical thinking to create fine art. Firing techniques, such as horse hair, raku, high fire reduction, and low fire oxidation may be taught and used during the class.

PRINTMAKING
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Printmaking is designed to teach techniques in the area of printmaking. Projects include, but are not limited to: mono printing, intaglio, etching, aquatint, silk screening, and lithography. The class requires some drawing skills which are essential for the successful illustration of the printmaking process.

FINE ART (FA)

MIXED MEDIA
Grade: 10, 11, 12
Prerequisite: Art Design
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Mixed Media is designed to provide students a wide variety of art making experiences. From mono prints to 3-D sculptures, students explore the world of relief and 3-D art. Both traditional and non-traditional approaches are taught using a variety of media that may include: metal, printmaking, clay, tile mosaic, collage, and ordinary objects that can be transformed into creative works of art.

INTRODUCTION TO DIGITIAL PHOTOGRAPHY
Grade: 12
Prerequisite: Art Design or Instructor Approval
Length: 1 Semester
Credit: Fine Art– 0.5 per semester

Introduction to Digital Photography is designed for the student who has interest, but no prior experience in photography. Students learn to use the advanced digital camera to build basic skills through lecture, demonstration, and hands-on exercises. This course explores the basic photography techniques and artistic concerns involved in making photographs. These include the following: camera handling, composition, effective use of light, file management, digital image manipulation, and developing a photographic vision.

Fine Art (FA) / Music

CONCERT CHOIR
Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Fine Art– 0.5 per semester

Concert Choir is designed for the beginning voice student. The fundamentals of good vocal singing are explored.

VARSITY CHORALE
Grade: 9, 10, 11, 12
Prerequisite: Audition
Length: 1 Year
Credit: Fine Art – 0.5 per semester

Varsity Chorale is designed for the advanced voice student who wishes to explore vocal pedagogy. Students learn sight-reading and music theory while improving intonation, blend, expression, diction, tone quality, and style as a group.

CONCERT BAND
Grade: 9, 10, 11, 12
Prerequisite: Previous instrumental music experience
Length: 1 Year
Credit: Fine Art – 0.5 per semester

Concert Band is designed to foster the development of basic performance and musicianship skills for wind and percussion players. The class provides instruction in technical development and study of a variety of band literature. Students learn basic to moderately difficult marching band skills. Performance opportunities may include: athletic events, concerts, festivals, small ensemble, and groups for public outreach. This group may travel with winning Butte High teams as a performance group.

STRINGS ORCHESTRA
Grade: 9, 10, 11, 12
Prerequisite: Previous instrumental music experience
Length: 1 Year
Credit: Fine Art – 0.5 per semester

String Orchestra is designed to provide instruction in string technique, rhythm, and theory. Students study various musical styles and literature with an opportunity to participate in a variety of performance, festivals, and travels.

JAZZ BAND
Grade: 9, 10, 11, 12
Prerequisite: Previous instrumental music experience / Enrolled in Concert Band
Length: 1 Year
Credit: Fine Art – 0.25 per semester

Jazz Band is designed to explore the American art form of Jazz. Jazz articulation, style, expression, and improvisation are studied. This group meets after school.

FINE ART (FA)

Fine Art (FA) / Drama

BEGINNING DRAMA

Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Fine Art – 0.5 per semester

Beginning Drama is designed to explore the techniques and historical perspective of theatrical performance on an introductory level. Special attention is given to play production, musical theatre, script analysis, character analysis, sets, lights, costumes, and make-up. The course utilizes a variety of teaching strategies including: solo and group activities, reading assignments, notes, and lectures.

"I will prepare and someday my chance will come.".
– Abraham Lincoln

LANGUAGES

3+1+3 GERMAN I

Grade: 9, 10, 11, 12
High School Prerequisite: None
College Prerequisite: None
Length: 1 Year
High School Credit: Elective – 0.5 per semester
College Credit: German I (GRMN 101) - 3 credits

German I is designed to introduce students to the grammatical mechanics of the German language. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. Students explore the fundamental grammatical structures and vocabulary in the context of culture, so that they can speak, read, and write basic expressions in the target language.

3+1+3 GERMAN II

Grade: 10, 11, 12
High School Prerequisite: 3+1+3 German I
College Prerequisite: 3+1+3 German I
Length: 1 Year
High School Credit: Elective – 0.5 per semester
College Credit: German II (GRMN 102) – 3 credits

German II is designed as an extension of German I. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. Students continue to acquire more sophisticated grammatical structures and extended vocabulary, as they compare and contrast the facets of daily life in target cultures with their own, using readings and materials from German-speaking countries.

3+1+3 GERMAN III

Grade: 11, 12
High School Prerequisite: 3+1+3 German II
College Prerequisite: 3+1+3 German II
Length: 1 Year
High School Credit: Elective – 0.5 per semester
College Credit: German III (GRMN 201) – 3 credits

German III is designed as a college preparatory course. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. Students build upon the grammatical skills they acquired in German II, while bolstering their vocabulary as they listen to and read current news and pop culture from the target cultures.

SPANISH I

Grade: 9, 10, 11, 12
Prerequisite: None
Length: 1 Year
Credit: Elective – 0.5 per semester

Spanish I is designed to introduce students to the reading, writing, and speaking of Spanish. Also presented are the influences of Spanish and Mexican cultures on our own culture.

SPANISH II

Grade: 10, 11, 12
Prerequisite: Spanish I
Length: 1 year
Credit: Elective – 0.5 per semester

Spanish II is designed as a continuation of Spanish I. Students expand comprehension and oral skills and do more advanced reading and writing.

3+1+3 SPANISH III

Grade: 11, 12
High School Prerequisite: Spanish I and Spanish II
College Prerequisite: Spanish I and Spanish II
Length: 1 Year
High School Credit: Elective – 0.5 per semester
College Credit: Spanish I (SPNS 101) – 3 Credits
Spanish II (SPNS 102) – 3 Credits

Spanish III is designed to further develop the college bound student's Spanish skills. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course introduces students to the basic elements of the Spanish language. Oral and written skills are developed through the study of vocabulary, grammar, and idioms. Pronunciation, comprehension, and writing are emphasized.

Accomplishment will prove to be a journey, not a destination. – Dwight D. Eisenhower

ADDITIONAL COURSES

PUBLICATION PROD (NEWSPAPER)

Grade: 9, 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Career and Technical Education – 0.5 per semester

Advanced Journalism / Newspaper is designed to introduce students to the integration of writing, photography, desktop publishing software, and business management practices. Students design, construct, and publish eight newspapers throughout the year.

PUBLICATION PROD (YEARBOOK)

Grade: 10, 11, 12
Prerequisite: Instructor Approval
Length: 1 Year
Credit: Career and Technical Education – 0.5 per semester

Advanced Journalism / Yearbook is designed to introduce students to the integration of writing, photography, desktop publishing software, and business management practices. Students design, construct, and market the school yearbook to be distributed in the spring.

ACT PREP COURSE

Grade: 11
Prerequisite: None
Length: 1 Semester
Credit: Elective – 0.5 per semester

ACT Prep is designed to prepare students for the ACT college placement exam. This course provides an overview of the test, practical test taking strategies, and an opportunity to complete a simulated full-length test. Students will earn a pass/fail grade.

COLLEGE READINESS

Grade: 11
Prerequisite: None
Length: 1 Semester
Credit: Elective – 0.5 per semester

College Readiness is designed for the college bound student. Students will learn various college readiness skills; prepare college cover letters; complete college applications and scholarships; and are introduced to various careers through guest speakers. Students will earn a pass / fail grade.

3+1+3 INTRO TO EDUCATION

Grade: 11, 12
High School Prerequisite: None
College Prerequisite: None
Length: 1 Year
High School Credit: Career Technical Education or Elective – 0.5 per semester
College Credit: Intro to Education (EDU 201) – 4 credits

The first formal course in the Teacher Education Program, this course provides an introduction to the field of education and the relationships between schools and society. Students begin to evaluate the reasons chosen to become a teacher and the effects that decision will have on their lives. Students examine social, cultural, political, legal, economic, and historical issues within schools and how these issues impact professional educators. Students complete a 16-hour field experience in a school setting. Students are given the option of taking the course for Dual Credit by paying a tuition fee through the University of Montana Western.

3+1+3 INTRO TO ENGINEERING

Grade: 11, 12
High School Prerequisite: Currently enrolled in Pre-Calculus or higher
College Prerequisite: ACT Score or Placement Test
Length: 1 Year
High School Credit: Career Technical Education or Elective – 0.5 per semester
College Credit: Intro to Engineering (EGEN 101) – 3 credits
This course is designed to develop the college bound student's interest in engineering. Students are given the option of taking the course for Dual Credit by paying a tuition fee through Montana Tech. This course offers an introduction to engineering calculations and problem solving using the computer. Students are taught how to solve and present engineering problems using computer software such as spreadsheets, graphics programs, and database programs. In addition, an introduction to engineering design is presented, and a small design project is completed.

SPORTS PERFORMANCE TRAINING

Grade: 11, 12
Prerequisite: Grade 9 and Grade 10 Physical Education Courses/Instructor Approval/Priority given to the multi-sport athlete
Length: 1 Semester
Credit: Elective – 0.5 per semester

ADDITIONAL COURSES

Sports Performance Training is physically demanding. Students are expected to make a genuine commitment to improve their performance as athletes. This course will demand weight room safety and proper weightlifting technique with a goal to achieve mastery. The competitive environment of this course will help push students to improve. Students will focus on resisitance training, flexibility, speed development, and agility training.

SPECIALIZED PROGRAMS

LANGUAGE ARTS 9

Grade: 9
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

Language Arts 9 is designed to cover the five content areas in English Language Arts primarily focusing on reading, vocabulary building, and writing. The pace and depth of this course differs from the English I class to meet the needs of the student scoring below proficiency in English.

LANGUAGE ARTS 10

Grade: 10
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

Language Arts 10 is designed to cover the five content areas in English Language Arts primarily focusing on reading, vocabulary building, and writing. The pace and depth of this course differs from the English II class to meet the needs of the student scoring below proficiency in English.

LANGUAGE ARTS 11

Grade: 11
Prerequisite: Instructor Approval
Length: 1 year
Credit: English – 0.5 per semester

Language Arts 11 is designed to cover the five content areas in English Language Arts primarily focusing on reading, vocabulary building, and writing. The pace and depth of this course differs from the English III class to meet the needs of the student scoring below proficiency in English.

LANGUAGE ARTS 12

Grade: 12
Prerequisite: Instructor Recommendation
Length: 1 Year
Credit: English – 0.5 per semester

Language Arts 12 is designed for seniors who will be entering the workforce or a vocational school after high school. This class emphasis is on reading, writing, listening, and speaking. The focus is on improving reading and writing skills through real life applications. This course is similar to Business / Career English but geared toward students who need additional instruction.

BASIC MATH I

Grade: 9, 10
Prerequisite: Instructor Recommendation
Length: 1 year
Credit: Math – 0.5 per semester

Basic Math I is designed to reinforce basic mathematical skills and begin to build a foundation for algebra. The course covers mathematical concepts including decimals, fractions, ratios, solving simple equations, and problem-solving skills. This course is for students who are achieving below proficiency and need additional instruction. The focus of this course is to improve student's mathematical foundation to an acceptable level.

BASIC MATH II

Grade: 9, 10
Prerequisite: Instructor Recommendation
Length: 1 year
Credit: Math – 0.5 per semester

Basic Math II is a continuation of Basic Math I. This course is designed to reinforce basic mathematical skills and begin to build a foundation for algebra. The course covers mathematical concepts including decimals, fractions, ratios, solving simple equations, and problem solving skills. This course is for students who are achieving below proficiency and need additional instruction. The focus of this course is to improve students' mathematical foundation to an acceptable level.

PRACTICAL MATH III*

Grade: 11, 12
Prerequisite: Instructor Recommendation
Length: 1 year
Credit: Math – 0.5 per semester

Practical Math III is designed to apply mathematical concepts to real life. This courses for the students who are entering the workforce or vocational school after high school and struggle with higher level math concepts. The focus of this course is the use of simple mathematics to solve problems. Emphasis is placed on reinforcement of problem-solving involving budgeting and money management. This course satisfies the financial literacy graduation requirement.

LIFE SKILLS READING / ENGLISH

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

SPECIALIZED PROGRAMS

Life Skills Reading / English is designed for students who do not fully participate in the regular education curriculum. The course covers reading, writing, and vocabulary at the appropriate instructional level. The course uses fictional and informational text to improve comprehension and fluency.

LIFE SKILLS MATH

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Life Skills Math is designed for students who do not fully participate in the regular education curriculum. The course focuses on reinforcement of basic mathematical operations. The emphasis is on using math to solve simple real-world problems and having a basic understanding of money.

FAMILY LIFE SKILLS

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Family Life Skills is designed for students who do not fully participate in the regular education curriculum. The course focuses on understanding relationships with peers, adults, and society. The emphasis is on proper communication, personal hygiene, and problem-solving strategies.

LIFE SKILLS FACS

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Life Skills FACS is designed for students who do not fully participate in the regular education curriculum. The course focuses on students being able to function independently. The emphasis is on healthy food choices, proper food preparation, measurement, and etiquette.

DAILY LIFE SKILLS

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Life Skills Shop is designed for students who do not fully participate in the regular education curriculum. The course focuses on students being able to function independently. The emphasis is on following directions, proper usage and care of tools, and working cooperatively in a group setting.

LIFE SKILLS PE/HEALTH

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Adaptive PE Life Skills is designed for students who do not fully participate in the regular education curriculum. The course focuses on making students physically active. The emphasis is on coordination, balance, and team work. Students who participate in Special Olympics benefit from enrollment in this class.

LIFE SKILLS HISTORY / SCIENCE

Grade: 9, 10, 11, 12
Prerequisite: Counselor / Case Manager Placement
Length: 1 Year

Life Skills History / Science is designed for students who do not fully participate in the regular education curriculum and is offered on a rotational basis. The course focus is to give students a broad introduction to state and national history as well as a basic understanding of physical and biological science as it relates to real life application.

"Sometimes you will never know the value of a moment until it becomes a memory"
-Dr. Seuss

MONTANA CAREER PATHWAYS

Business Management Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
3+1+3 Microsoft Office	Managing Money and Financial Literacy	Business Management	Advertising Sales Representative
Microsoft Office		Business Technology	Business Consultant
3+1+3 Microsoft Excel		Human Resource Management	Corporate Trainer
3+1+3 Intro to Business		Economics	Entrepreneur
Managing Money/Financial Literacy		Administrative Office Management	Small Business Owner
			Human Resource Manager
			Office Assistant
Design and Construction Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
AutoCAD	Microsoft Office	Land Surveying Engineering	Construction & Design
Building Trades I	3+1+3 Microsoft Office	Construction Technology/Management	Heating Ventilation & Condition (HVAC) Interior Design
Building Trades II	3+1+3 Microsoft Excel	Welding Technology	Construction Law
3+1+3 Fundamentals of Construction	3+1+1 Intro to Business		Pre-Apprenticeship
3+1+3 Intro to Engineering	3+1+3 Technical Math		Lineman
	Industry and Professional Communications		Sustainable/Green Construction Management
	Senior Year of Math		Computer Draftsperson/Architect
			Civil Engineer
			Builder
			Plumber
			Electrician
Education Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Foods and Nutrition	Senior Year of Math	Education – Elementary or Secondary	Teacher Aid
Family Life	Chemistry or Physics	School Counseling	Teacher
3+1+3 Child Development		Special Education	Librarian
3+1+3 Intro to Education		Early Childhood Education	Principal
			School Guidance Counselor
			Early Childhood Education Teacher
			Career and Technical Education Teacher

Montana Career Pathways

Health Professions Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Exploration of Healthcare Careers	Senior Year of Math	Biomedical Sciences	Medical Assistant
Human Anatomy/Physiology	Chemistry	Nursing	Paramedic
		Pharmacy	Nurse
		Dental Hygiene	Dentist
		Medical Assistant	Surgery Technician
		Surgical Technology	Medical Technician
		Health Information Te3chnology	Medical Claims Specialist
Hospitality and Tourism Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Foods and Nutrition I & II	Senior Year of Math	Parks and Tourism	Caterer
Culinary Arts I & II	Chemistry	Culinary Arts	Chef/Head Cook
	Managing Money and Financial Literacy	Hospitality Management	Event Planner
	3+1+3 Intro to Business	Food Service Management	Hotel Manager
		Outdoor Adventure Leadership	Resort Manager
			Tour/Recreation Guide
Human Services Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Foods and Nutrition I & II	Microsoft Office	Early Childhood Development and Services	Childcare Worker
Family Life	3+1+3 Microsoft Office	Counseling and Mental Health Services	Social Service Assistant
3+1+3 Child Development	Managing Money/Financial Literacy	Family and Community Services	Addiction Counselor
	Industry and Professional Communications	Personal Care Services	Social Service Manager
		Consumer Services	Mental Health Counselor
		Social Work	Certified Financial Planner
		Community Health	Social Worker

Montana Career Pathways

S.T.E.M Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
	PreCalculus	Plant Process Technology	Engineering: Electrical, Electronic, Environmental, Biological, Chemical, Manufacturing, Mining, Geological, Civil
	Calculus AP	Photonics and Laser Technology	Computer Survey Technical
	Physics	Geospatial Technology	
	3+1+3 Physics Honors	Electrical Engineer	
	Chemistry I/Chemistry I Honors	Civil Engineer	
	Chemistry II Honors AP	Energy Technology	
	3+1+3 Intro to Engineering	Energy Auditor	
	3+1+3 English Comp	Geographic Information Systems (GIS)	
Transportation Distribution and Logistics Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Auto Tech I	Industry and Professional Communications	Automotive Collision and Repair	Air Traffic Controller
Auto Tech II		Aviation	Pilot
AutoCAD		Heavy Equipment	Auto Technician
		Diesel Equipment/Technology	Heavy Equipment Operator
			Diesel Technician
			Collision Repair Technician
Welding and Fabrication Career Pathway			
Recommended BHS Courses	**Other Valuable BHS Courses**	**Education Options**	**Potential Careers from Pathway**
Metal Technology	3+1+3 Technical Math	Industrial Welding	Welder
Welding I	Geometry	Welding and Fabrication	Welding Engineer
Welding II	Industry and Professional Communications	Metals Technology	Certified Welding Instructor
3+1+3 Welding III	Microsoft Office	Mechanical Engineering with Welding Option	Structural Metal Worker
AutoCAD	3+1+3 Microsoft Office	Aerospace Welding	
		Industrial Welding	

SUPPORT SERVICES

Student support services, as a major area in education, are being integrated into the administrative organization and instructional program of school systems.

The functions of student support service workers are not to be predetermined by the notion of traditional roles. What roles the workers assume are based on the needs of the students to be served, the unique character of the school and community, and the expertise of each staff member.

Student support service workers are part of a team that strives toward promoting the notion or idea of "caring" as part of the school's responsibility. They are dedicated to try to change the existing surroundings and/or help the child adjust to these in terms of better decision making about themselves and their environment.

GUIDANCE COUNSELOR: A guidance counselor is assigned to each student to assist him/her with personal, educational, and vocational problems. Students are assigned to a counselor according to their graduation class. The counselor assigned will provide services to that class for their four high school years. The Senior counselor is assigned to help with scholarships, ACT and SAT tests, etc., and is the college and military liaison.

Change of Program: When school opens, most classes are full and properly balanced as to size for accreditation purposes and therefore, we cannot, and will not, make changes in programs after the start of school, except for errors not previously corrected, to adjust class sizes, or for very special circumstances.

Note: Any subject dropped after the first two weeks will be recorded as an "F" unless special circumstances exist.

HOMEBOUND: Our homebound teachers tutor students who are physically unable to attend regular classes. These teachers help the student maintain their regular school grade level so they may advance with their peers. The student's doctor determines if the child is physically able to endure tutoring, and to what extent. This service is provided in the home or the hospital.

LIBRARY/MEDIA: The library will be open during regular school hours. Books and other materials may be obtained and checked out before school. Fines are charged for material overdue or not returned. It is imperative that every student cooperate to the fullest extend in maintaining the proper atmosphere of study and conforming to the standards of conduct which enable the library to function properly.

SPECIAL EDUCATION AND OTHER SPECIAL SERVICES: For further information regarding Special Education and other Special Services, please call 533-2969.

PSYCHOLOGICAL SERVICES: Butte High School provides the services of psychologists. It is the function of the school psychologist to provide the psychological evaluations for the District.

RESOURCE ROOMS: These rooms have been established in secondary schools to provide services to students with learning disabilities or who have been diagnosed as educationally handicapped. Although students with learning disabilities may exhibit similar behavior patterns in learning situations, each child is unique and must be treated according to his behavioral development and functioning.

SPEECH AND HEARING: Butte High School has a speech therapist available to provide diagnostic and therapeutic services to the communicatively handicapped students.

STUDENT RESOURCE OFFICER (SRO): This law enforcement officer is stationed in the Attendance Office. He interacts with students and works with school officials to promote a crime-free school environment. The SRO investigates excessive absences and truancy. He visits the home to advise the parents of their responsibility for school attendance of their child, according to State Compulsory School Attendance Law.

Butte High School Athletics and Student Clubs

Basketball	Spirit Squad
Cross Country	Swimming
Football	Tennis
Golf	Track and Field
Soccer	Volleyball
Softball/Baseball	Wrestling
Speech and Debate	

Adventure Madness Club	Jazz Club
Art Club	Journalism
Band	Key Club
Bright Brains	Mountaineer
Boys' State	National Honor Society
Business Professionals of America (BPA)	Poetry Out Loud
Chess Club	The Resilience Project
Chorus	Science Fair / MT Tech Research
EXCEL	Skills USA / VICA
Family Career Community Leaders of America (FCCLA)	Student Council
German Exchange Club	Welding
Girls' State	Yearbook
Hugh O'Brian Youth Leadership Club (HOBY)	Freshmen Class
Health Occupations Students of America Club (HOSA)	Sophomore Class
Infinity Club	Junior Class
Interact Club	Senior Class

Athletic and Club Interests

Sportsmanship is the ability to win and lose gracefully.

BUTTE HIGH UNIVERSAL EXPECTATIONS

D EDICATE YOURSELF TO SCHOOL

O N TIME & PREPARED

G RADUATE

S HOW RESPECT FOR YOURSELF, OTHERS & SCHOOL