

Broadwater High School Course Description/ Registration Guide 2025-2026



Together we inspire, we lead, we excel!

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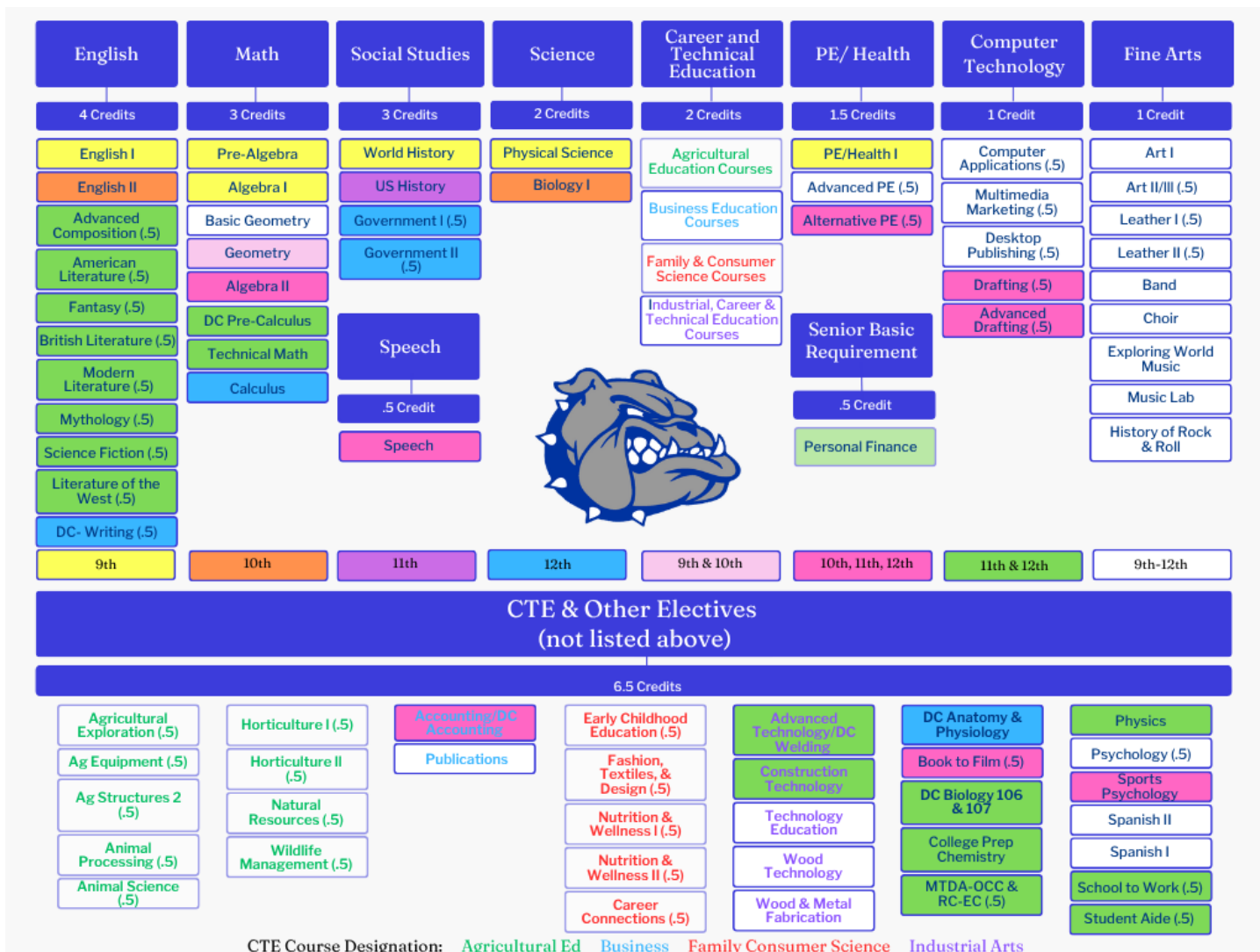
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2025-2026 HS MASTER CLASS SCHEDULE- FINAL

	1 st period	2 nd period	3 rd period	4 th period	5 th period	6 th period	7 th period
BDT 8:00-8:30	8:30-9:24	9:28-10:22	10:26-11:20	11:24-12:18	12:57-1:54	1:58-2:52	2:56-3:50
Ascheman	DC Technical Math 1C/1A	Prep	Algebra 2	Algebra 1	Algebra 1	Algebra 1	Algebra 2
Bancroft	DL	DL	DL	DL	DL	Prep	DL
Bartlett	Leather 1/ Leather 2	Art 1	Middle School	Prep	Art 2 & Art 3	Art 1	Middle School
Beck DC College Writing 2nd Sem. 7:45-8:30							
Bleile	Geometry	DC Pre-Calculus	Pre Algebra	Basic Geometry-Found. Math	Geometry	Prep	Geometry
Bruursema	Personal Finance/Early Childhood	Career Conn.-Skills for Life/ Fashion & Textiles	Prep	Nutrition & Wellness 1/ DC Nutrition & Wellness 2	Nutrition & Wellness 1/ DC Nutrition & Wellness 2	Fashion & Textiles/ Personal Finance	Middle School
Frank	Prep	MTDA Spanish 1&2	English 2	English 2	Found. English	English 2	Book to Film/Book to Film 2
Hohn	PE 1	Alternate PE/ Alternate PE	Advanced PE/ Advanced PE	Prep	Advanced PE/ Advanced PE	PE 1	PE 1
Horne	**Publications	Prep	Desktop Pub./ Desktop Pub.	Account./ Account.- DC Account. 101 or 102	**MTDA OCC-EC Studies	Comp. Apps./ Comp. Apps.	Comp. Apps./ Multimedia Marketing
Lampman	Science Fiction/ Mythology	Prep	British Lit./ Lit. of the West	Science Fiction/ Mythology	British Lit./ Lit. of the West	Speech/ Speech	Speech/ Advanced Composition
Loughery	Prep	Natural Resources/ Ag. Exploration	Ag Equipment/ Ag. Structures 2 A	Horticulture 1/ Horticulture 2 A	Ag. Exploration/ Wildlife Management	Animal Science/ Animal Processing	Middle School
Moldenhauer	**MTDA OCC-EC Studies	Gov 1/Gov 2	Gov 1/Gov 2	US History	US History	Prep	US History
O'Dell	Prep	English 1	English 1	English 1	English 1	AD Prep	AD Prep
Shindoll	Physical Science	Calculus	Prep	Physical Science	Physical Science	College Prep Chemistry/ Physics	Physical Science
Thomas	Biology 1	Biology 1	**DC Bio. 160/ DC Bio 170	**DC Anatomy & Physiology	Prep	**DC Bio. 160/ DC Bio 170	Biology 1
Tullos	World History	World History	World History	Prep	Sports Psychology/ Psychology	MS History	World History
Walton	HS Band	HS Choir	5th Grade Band	Music Lab	Prep	Exploring World Music/ History of Rock & Roll	Middle School Band
Watson	Technology Education	Wood & Metal Fabrication **Adv. Tech. DC Weld. C2/A2	Drafting-CAD-Adv. Drafting	Woods **Adv. Tech. DC Weld. C2/A2	Prep	Construction C2/A2	Construction C2/A2

General required core classes or primarily that grade level: 9th 10th 11th 12th 9-10 10-12 11-12 PA Paths 9-12 (no highlight)

**** Instructor and or Admin Approval Required**

ENGLISH CLASSES:

- Freshmen are required to take English 1.
- Sophomores are required to take English 2.
- Juniors and seniors may mix and match 4 semesters of the following offerings to acquire their 2 credits of junior and senior English. All students are required to take one English class EACH semester EACH year. Students may take 2 English classes/semester, but one will count as an elective.
 - Mythology
 - Advanced Composition (second semester)
 - American Lit/Brit Lit (every other year)
 - Modern Lit/Lit of the West (every other year)
 - Fantasy/Science Fiction (every other year)
 - DC College Writing is offered 2nd semester for seniors, during zero hour (7:45-8:30 AM) 3 days/week. **Prerequisite: 3.0 cumulative GPA previous year.**
- Book to Film 1 & 2 are grades 10-12 English electives. **Book to Film 1 is a prerequisite for Book to Film 2.**

SCIENCE CLASSES:

- Freshmen are required to take Physical Science.
- Sophomores are required to take Biology.
- DC Biology 160 & 170 (formerly Biology 2): **Prerequisite- a "B" or above in Biology 1, or instructor's approval.**
- Anatomy & Physiology: **Senior level class and requires instructor's approval.**
- College Prep Chemistry/Physics is a junior or senior level class.

SOCIAL STUDIES CLASSES:

- Freshmen are required to take World History.
- Juniors are required to take US History.
- Seniors are required to take Gov. 1 and Gov. 2.

MATH:

- Freshmen take Pre Algebra, Algebra. 1 or Geometry (if they successfully completed Algebra 1 in 8th grade)
- Sophomores generally take Geometry.
- DC Technical Math and DC Pre Calculus are for juniors and seniors.
- Calculus is a senior level class: **Prerequisite- Pre Calculus**
- DC College Algebra/DC Stats: **Prerequisite- Alg 2 and 22 math score on ACT**

PE:

- PE/Health 1 is a freshman requirement (full year).
- Either Alternative PE or Advanced PE meets the second PE requirement (1 semester).
- Advanced PE is an elective and can be taken every year.

AG PREREQUISITE:

- Agricultural Exploration: **Prerequisite for all other Ag classes.**

OTHER PREREQUISITES:

- Industrial Arts classes preferred order: 1st year- Tech Ed or Wood Tech, 2nd year- Drafting, 3rd year- Wood Tech or Tech Ed, 4th year- Construction and or Advanced Tech.
- Advanced Tech: **Requires instructor approval.**
- Art 2 & 3: **Requires that students have earned A's in both semesters of the previous Art class taken.**
- Student aides: **Juniors or seniors and have a 3.50 cumulative GPA or a 3.25 with admin approval.**
- Publications: **Requires instructor approval.**
- Nutrition and Wellness: **Nutrition and Wellness 1 is a prerequisite for 2.**
- Personal Finance: **Required junior or senior year.**
- All DC/EC/MTDA OCC - **Prerequisite: 16 or older, 3.0 Cum. GPA previous year, admin approval.**
- Work Release/Internship: **Juniors (7th period) or seniors (5th-7th periods), no failing grades, on track to graduate, admin. approval.**

BHS CLASS REGISTRATION FORM



STUDENT NAME: _____

GENERAL GRADE LEVEL COURSE REQUIREMENTS

FRESHMAN: English 1, Math, PE 1, Physical Science, World History, Computer Applications

SOPHOMORES: English 2, Biology 1, Math, PE (½ credit- may be taken anytime sophomore-senior years)

JUNIOR: English 3 (choose 2 semester classes), Math, US History, Personal Finance (1 semester either junior or senior year)

SENIOR: English 4 (choose 2 semester classes), Government 1 & 2 (½ credit each semester), Personal Finance (1 semester either junior or senior year)

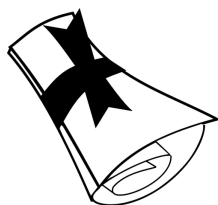
ADDITIONAL: See additional graduation requirements on the back of this form.

SCHEDULE DRAFT

	SEMESTER 1	SEMESTER 2	TEACHER OK
1			
2			
3			
4			
5			
6			
7			

STUDENT SIGNATURE: _____ **DATE** _____

BHS GRADUATION REQUIREMENTS



The board shall award a regular high school diploma to every student enrolled in the district who meets the requirements of graduation established by the board.

SUBJECT	REQUIRED CREDITS
English	4
US History	1
Government	1
World History	1
Mathematics	3
Physical Science	1
Biology	1
Computer Tech- Computer Applications required	1
Career/Tech Ed- Not including computer classes	2
Fine Arts	1
Speech	.5
PE/Health	1.5
Personal Finance	.5
Electives	6.5
TOTAL (minimum)	25

AGRICULTURAL EDUCATION- 9 CLASSES (6401-6411)

AGRICULTURAL EXPLORATION-6401 18001

.5 (SEM)

Credit Type: Vocational or Elective

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This class is an introduction to the agricultural industry. Topics included in the class are the National FFA Organization, Supervised Agricultural Experiences, Harvest of the Month, Parliamentary Procedure, Soil Science, Animal Welfare, and Agricultural Leadership.

AGRICULTURAL METAL FABRICATION TECHNOLOGY- 6406 18404

.5 (SEM- FALL)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

This course provides students with the skills and knowledge that are specifically applicable to the tools and equipment used in the industry. Topics covered in this course include shop safety, care of tools, mechanics, technology and machines, metal identification, fusion welding, and arc welding.

AGRICULTURAL STRUCTURES- 6408 18403

.5 (SEM- SPRING)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

This course provides students with the skill and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, and storage facilities. Students will study design, planning, and construction skills and safe operation.

ANIMAL PROCESSING- 6404 18304

.5 (SEM- FALL)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

This course will impart knowledge and skills needed to bring animal products to market. There will be an overview of animal care and maintenance, quality selection, product preservation, equipment care and sanitation, government regulations, and marketing and consumer trends. There will also be an overview of several types of animal products such as meat, wool, leather, dairy products, and so on.

HORTICULTURE SCIENCE- 6409 18052

.5 (SEM- FALL)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

Students will be exposed to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. There is a wide variety of topics covered in this course including principles of plant science, greenhouse and nursery operations, soils and growing media, weed and pest control, and floral design.

ORNAMENTAL HORTICULTURE- 6411 18053

.5 (SEM- SPRING)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

Similar to Horticulture Science, this course will provide information regarding the care and propagation of plants, flowers, trees, and shrubs, but with a special emphasis on those used for decorative and aesthetic purposes. This class will work in the greenhouse and focus on landscape designs.

NATURAL RESOURCES- 6402 18504

.5 (SEM- FALL)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

This course will combine the fields of ecology and conservation with planning for the efficient use and preservation of plants, water, wildlife and forests. We will cover topics such as fishing (recreation), forest production and management, and fire.

WILDLIFE MANAGEMENT- 6405 18501

.5 (SEM- SPRING)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

This course provides students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems to enable non domesticated animals to thrive.

ANIMAL SCIENCE- 6410 ¹⁸¹⁰¹

.5 (SEM- SPRING)

Credit Type: Vocational or Elective

Prerequisite: Agricultural Exploration

Grade Level(s): 9, 10, 11, 12

Students will get information on the care and management of domestic and farm animals. We will cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing.

ART- 5 CLASSES (5101-5105)

*All Art classes have a \$20.00 art fee that is required to be paid to Townsend Schools **each semester** the student is enrolled in the class. The fee can be paid by cash or check made out to Townsend Schools.

ART 1- 5101

1 (YEAR)

Course Type: Elective

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This course is a beginning art course that is designed to introduce the student to the fundamental Elements of Art and Principles of Design, visual discrimination and judgment. The student will experiment with various artistic processes, techniques, as well as different media, materials, and tools. In order to provide the student with a broad base for visual understanding and the problem solving aspects of art and design, the student will also be required to demonstrate their understanding of "Art" vocabulary and terminology. Projects may include drawing, printmaking, design, painting, and ceramics.

ART 2- 5102

.5 (SEM)

Course Type: Elective

Prerequisite: Have an A in Art 1 or Teacher Permission

Grade Level(s): 10, 11, 12

This course is an intermediate course that is designed to progressively develop the students' artistic techniques and abilities by further exploring the Elements of color and value through the use of various drawing and painting styles, techniques and processes, materials and media. Along with visual discrimination and judgment and the problem solving aspects of art and design, the student will also be required to demonstrate their understanding of "Art" vocabulary and terminology. Projects may include drawing, printmaking, design, painting, ceramics, woodworking, and leather working.

LEATHER 1- 5104

.5 (SEM)

Course Type: Elective

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This course is a beginning leather making course that is designed to introduce the student to the fundamental aspects of designing and creating leather work. The student will experiment with various artistic processes, techniques, as well as different media, materials, and tools. In order to provide the student with a broad base for visual understanding and the problem solving aspects of art and design, the student will also be required to demonstrate their understanding of vocabulary and terminology. Projects may include rounder, square-back, wristband, belt, buckle, wallet, checkbook, phone case, knife sheath, watchband.

LEATHER 2- 5105

.5 (SEM)

Course Type: Elective

Prerequisite: B or Better in Leather 1

Grade Level(s): 9, 10, 11, 12

This course is an intermediate leather crafting course that will focus on design and craftsmanship. The student will experiment with various intermediate and advanced leather projects. They will learn how to design, "mock-up", transfer, and create their own projects from start to finish. Projects may include rifle slings, guitar slings, holsters, cartridge belts, as well as independent projects and leather restorative opportunities from within the Townsend community.

ART 3- 5103

.5 (SEM)

Course Type: Elective

Prerequisite: Have an A in Art 2 or Teacher Permission

Grade Level(s): 10, 11, 12

This course is an advanced studio art course that is designed to progressively develop the student's artistic techniques and abilities by further exploring the themes and concepts of subject and content matter in visual art through the use of various drawing and painting styles, techniques and processes, materials and media. Along with visual discrimination and judgment and the problem solving aspects of art and design, the student will also be required to demonstrate their understanding of "Art" vocabulary and terminology. Projects may include drawing, printmaking, design, painting, ceramics, woodworking, and leather working.

BUSINESS EDUCATION- 7 CLASSES (6201-6207)

ACCOUNTING- 6207

.5 (SEM)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

An introductory course of accounting as a career. Students learn accounting concepts, principals, and practices from the perspective of a sole proprietorship business. Personal finance concepts are included within various units. Students also complete the EverFi financial literacy certification course. This is a semester-long class.

ADVANCED COMPUTER APPS- 6203

.5 (SEM- SPRING)

Prerequisite: passed Computer Apps

Grade Level(s): 9, 10, 11, 12

A continuation of computer applications. Students work towards becoming power users of MS Excel and Access. Students learn computer components and concepts through teardown and rebuilding of desktop computers, installing Linux OS systems and concluding with networking concepts and VPN's. Units also include video editing software applications.

COMPUTER APPLICATIONS- 6202

.5 (SEM)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

An introductory course which includes the Microsoft suite applications Word, Excel, PowerPoint, and Access. Students

INTRO TO BUSINESS- 6206

.5 (SEM- SPRING)

Prerequisite: Computer Applications

Grade Level(s): 10, 11, 12

This class is designed to prepare students for the demands of the workforce. Students will develop resumes, improve job interview skills, as well as develop a business model/plan. Emphasis will be placed on the development of workplace readiness skills (i.e. writing, accounting, computer skills), as well as business soft skills (i.e. communication, work ethic, and teamwork).

PUBLICATIONS- 6201

1 (YEAR)

Prerequisite: Teacher Approval

Grade Level(s): 11, 12

A yearlong class emphasizing the skills of journalism and design. Students are required to construct the high school yearbook. Writing, designing, marketing, planning, photography, hard work, determination, and passion are skills developed and utilized throughout the year. Criticism, deadlines, and the stress of delivering an expected product are challenges which students must overcome. Grades, attendance, and character are considerations for admission into the class.

learn file management, computer concepts, and how to apply these employable skills to their daily lives.

DESKTOP PUBLISHING- 6205

.5 (SEM- SPRING)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

A project based curriculum which develops career and communication skills in graphic design, illustration through print and digital media production using Adobe tools. Course content introduces the skills needed for the Adobe Certified Associate Exams using Adobe Photoshop, Adobe InDesign, and Adobe Illustrator. Students complete a design final project utilizing a combination of all applications.

WEB DESIGN- 6204

.5 (SEM- FALL)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

A project based course that introduces the foundations of web page coding using HTML5, CSS, and basic web design techniques. Students complete a final design project website using text editor as well as code writing applications.

MULTIMEDIA MARKETING-

ENGLISH LANGUAGE ARTS- 17 CLASSES (1000-1501)

ADVANCED COMPOSITION- 1301

.5 (SEM-SPRING)

Prerequisite: None

Grade Level(s): 11, 12

This course will provide students opportunities to write at more advanced levels and will provide preparation for the ACT test and college level writing.

The semester will include experience writing Literary Analysis papers, Comparison and Contrast Essays, and Argumentative Essays. Students will also research topics and practice MLA formatting and citation.

Finally, students will complete a creative writing project, focusing on writing with imagery, figurative language and detailed description.

AMERICAN LITERATURE- 1305

.5 (SEM- FALL)

Prerequisite: None

Grade Level(s): 11, 12

This course will explore the history of literature in America, beginning with Native American legends, speeches and documents of the American Revolution , continuing to short stories from the 1700's and 1800's and finally exploring more contemporary novels that represent the great writers of American Literature. In addition to reading literature, students will also learn about literary devices, write about the works they read, participate in discussion regarding readings, and complete creative projects related to the literature. Potential reading includes: Stories of Edgar Allen Poe, Stories of Jack London, The Crucible, Into the Wild, The Great Gatsby, and Unbroken.

ENGLISH II - 1200

1 (YEAR)

Prerequisite: English 1

Grade Level(s): 10

The required sophomore English course will delve into more advanced grammar and begin to prepare the student for upper level English courses. The writing aspect of the course will be varied and students are expected to begin to write at a higher level. Discussion will also be a major component of the class. The reading curriculum will include works from Shakespeare, Bradbury, and Alexie and students should expect to think critically about each work.

Mythology

.5 (SEM)

Prerequisite: None

Grade Level(s): 11, 12

This course will begin with a study of classical mythology (Greek and Roman), followed by exploration of Norse, Celtic, and Native American mythology. Our study will then move into British mythology with a unit on the legend of King Arthur. Finally, we will read a contemporary mythology novel, *The Alchemist* by Michael Scott.

LITERATURE OF THE WEST- 1403

.5 (SEM)

Prerequisite: None

Grade Level(s): 11, 12

This course will explore the subject of the American West. Students can expect survival stories, fur trappers, Native Americans, and vigilantes. Students will learn about literary devices, advanced grammar techniques, and will continue to expand their writing skills in accordance with state standards and college/career readiness. Potential readings include the following: *The Revenant*, *Into the Wild*, *Fools Crow*, *The Highway*, *Winter Wheat*, and *Counting Coup*.

BOOK TO FILM- 1401

.5 (SEM- Fall)

Prerequisite: None

Grade Level(s): 10, 11, 12

Students will read classic and contemporary novels, short stories, and plays and then compare and contrast those novels to their film counterparts. Classes will discuss director's choices and explore different film techniques and components. Students can expect to learn about animation, camera angles, movie music/scores, and special effects.

BOOK TO FILM II- 1402

.5 (SEM- Spring)

Prerequisite: None

Grade Level(s): 10, 11, 12

Students will read classic and contemporary novels, short stories, and plays and then compare and contrast those novels to their film counterparts. Classes will discuss director's choices and explore different film techniques and components. Students can expect to learn about mise en scene, music in film, and how to think critically about film.

BRITISH LITERATURE- 1303

.5 (SEM- FALL- OFFERED EVERY OTHER YEAR)

Prerequisite: None

Grade Level(s): 11, 12

This course will explore the literature across the centuries in Great Britain. After briefly covering *Beowulf*, we will analyze Shakespeare's *Hamlet* in comparison to our modern day superhero Batman. This will be followed by a "Monster" unit, complete with a battle between *Frankenstein* and *Dracula*. Finally, we will study British detective fiction, featuring Sherlock Holmes and an Agatha Christie novel. Be prepared to read but also have some fun with literature. In addition to reading literature, students will also learn about literary devices, write about the works they read, participate in discussions regarding readings, and complete creative projects related to the literature.

DUAL CREDIT WRITING- 1500

.5 (SEM- SPRING) (3 College Credit)

Prerequisite: Score 7 on ACT or pass placement test at Helena

FANTASY- 1308

.5 (SEM- SPRING- OFFERED EVERY OTHER YEAR)

Prerequisite: None

Grade Level(s): 11, 12

This course will include an exploration of the various sub-genre of Fantasy and reading of several Fantasy short stories. Our study will then move into a discussion of "The Hero's Journey" as it applies to Fantasy. The rest of the course will involve reading a number of Fantasy novels and exploring the many themes inherent in Fantasy literature. As we read the novels, we will also consider various literary devices, write about the literature we read and complete creative projects related to the stories. Potential readings include: selected short stories, *The Hobbit*; *The Wizard of Earthsea*; *The Name of the Wind*; and *The Lion, the Witch and the Wardrobe*.

FOUNDATIONAL ENGLISH- 1000

1 (YEAR)

Prerequisite: Placement based on recommendation/test scores

Grade Level(s): 9, 10, 11, 12

This course aims to give additional instruction outside the general English Language Arts classroom. We will concentrate on reading comprehension strategies, vocabulary, written composition and grammar, and critical thinking skills. Grade checks and homework help will be available.

WORLD LITERATURE- 1302

.5 (SEM- FALL- OFFERED EVERY OTHER YEAR)

Prerequisite: None

College

Grade Level(s): 12

The class will consist of critical reading—thus preparing you to become more analytical in your reading of not only literary selections but other course work. We will emphasize the writing process and discuss strategies for arranging, drafting, revising and proofreading essays. Emphasis is placed on narrative, descriptive, exemplification, process, cause and effect, comparison and contrast, categorical, definition and argumentative essays. The class is offered Monday-Thursday, during zero hour.

ENGLISH I- 1100

1 (YEAR)

Prerequisite: None

Grade Level(s): 9

This is a required freshman language course that will cover the basic parts of speech and the parts of sentences. The class will be a mixture of reading and responding to writing. The writing focus of the course will be on effectively answering essay questions and supporting them with details. Speaking will also be an integral part of the course.

MODERN LITERATURE- 1306

.5 (SEM- SPRING)) Offered every other year

Prerequisite: None

Grade Level(s): 11, 12

This course will involve reading more contemporary novels. In addition to reading literature, students will also learn about literary devices, write about the works they read, participate in discussion regarding readings, and complete creative projects related to the literature. Potential reading includes: *The Art of Racing in the Rain*, *The Book Thief*, *Brothers on Three*, *The Giver*, and *The Road*,

Grade Level(s): 11, 12

This course will explore literature across the centuries around the world. We will explore the tale of Gilgamesh, and will read a variety of short stories from other countries. Novels studied will include *A Long Way Gone* and *The Kite Runner*, followed by an independent reading project. In addition to reading literature, students will also learn about literary devices, write about the works they read, participate in discussion regarding readings, and complete creative projects related to the literature.

SCIENCE FICTION- 1304

.5 (SEM- SPRING- OFFERED EVERY OTHER YEAR)

Prerequisite: None

Grade Level(s): 11, 12

This course will include an exploration of the various sub-genre of Science Fiction and reading of several Sci Fi short stories. The rest of the course will involve reading a number of Science Fiction novels and exploring the many themes inherent in this genre of literature. As we read the novels, we will also consider various literary devices, write about the literature we read and complete creative projects related to the stories. Potential readings include: *Ender's Game*, *The Martian*, *Red Rising*.

EVERYDAY ENGLISH- 1309

.5 (SEM- SPRING)) Offered every other year

Prerequisite: None

Grade Level(s): 11, 12

This course will be oriented toward practical use of reading and writing in everyday life. One classroom resource will include a current events magazine, which will be used to read and write about contemporary events.

The class will include a unit on *The Call of the Wild* and survival skills. We will also read 1-2 novels. Potential reading includes a choice of novels about the World War II Codetalkers and a choice of novels about Jim Thorpe, one of the greatest athletes of all time.

Speech- 1309

.5 (SEM) Offered every semester

Prerequisite: None

Grade Level(s): 10, 11, 12

This course is a graduation requirement and will revolve around public speaking. Students will write and present a variety of speeches including some of the following: special occasion, informative, persuasive, interview. There will also be an emphasis on discussion and conversation skills.

FAMILY AND CONSUMER SCIENCES- 6 CLASSES (6101-6107)

EARLY CHILDHOOD EDUCATION- 6106

.5 (SEM-SPRING)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

Blocks, books, diapers, oh my! This hands-on course is all about understanding and caring for young children. You'll learn about child development, explore fun activities to engage kids, and discover how to create a positive, supportive environment for them to grow and thrive. Whether you're thinking about becoming a parent someday, working in childcare, or simply love spending time with kids, this class will give you the skills and knowledge to make a difference in their world.

PERSONAL FINANCE- 6104

.5 (SEM)

Prerequisite: None

Grade Level(s): 11, 12

Money matters and this class shows you how to take control of yours! From your first paycheck to your dream car (and everything in between), you'll learn how to make smart choices with your money now and in the future. We'll cover budgeting, saving, banking, credit, investing, and even how to handle unexpected curveballs. You'll explore careers, set real-life goals, and take part in interactive challenges and simulations that help you plan for the kind of life you want to live. Think of this course as your launchpad to adulthood!

FASHION, TEXTILES AND DESIGN- 6105

.5 (SEM)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

Get ready to create, design, and bring your ideas to life! In this hands-on, project-based course, you'll dive into the world of fashion, interior design, and textile construction. From sewing basics to design principles, fast fashion to sustainability, you'll explore what it takes to make stylish, functional, and meaningful designs. You'll build confidence with your sewing machine, develop your own creative style, and discover careers in the design industry. Each week features a mini lab that builds toward awesome final projects like pillowcases, quilted potholders, zipper bags, and upcycling challenges. Whether you're new to sewing or already have some skills, this class sets you up for success in the world of fashion and design!

NUTRITION AND WELLNESS 1- 6102

.5 (SEM-FALL)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

Step into the kitchen and into the science of how food fuels your body, shapes your choices, and connects to the world around you. In this engaging, hands-on course, you'll build practical skills in cooking, meal planning, and kitchen safety while exploring the impact of nutrition on health across the lifespan. Learn how to navigate food labels, bust common nutrition myths, and create meals that balance wellness, culture, budget, and sustainability. This course sets the stage for success in Dual Credit NUTR 221 and gives you lifelong tools for healthy living.

DC NUTRITION AND WELLNESS 2-

.5 (SEM-SPRING)

Prerequisite: Nutrition and Wellness 1

Grade Level(s): 9, 10, 11, 12

Hungry for more? This advanced nutrition course dives deeper into the science of what we eat and why it matters. You'll explore how nutrition research is conducted, sharpen your skills in spotting misinformation on social media, and learn to evaluate food and health trends using real evidence not hype. Work as a team to tackle big questions around food access, health equity, and cultural influences on eating habits. You'll gain the tools to build balanced, nutrient-rich meals across the lifespan, understand how policy and science shape our food systems, and get college credit while you're at it.

CAREER CONNECTIONS: SKILLS FOR LIFE –

.5 (SEM)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This project-based course empowers high school students to build essential life, leadership, and career-readiness skills through exploration, experience, and connection. Students will engage in the Career Connection framework - My Skills, My Life, My Career, My Path, My Connection - to examine their interests, develop employability skills, and design a personal vision for future success. Through guest speakers, business tours, mock interviews, team-building challenges, and reflective activities, students will grow their self-awareness, leadership capacity, and understanding of real-world career pathways. The course also emphasizes the importance of civic responsibility, professional relationships, ethical decision-making, and balancing life roles within work, family, and community.

INDUSTRIAL, CAREER, AND TECHNICAL EDUCATION- 5 CLASSES (6301-6305)

*Wood Technology, Tech Ed, Advanced Tech and Construction have a \$30.00 fee that is required to be paid to Townsend Schools each semester the student is enrolled in the class. The fee can be paid by cash or check made out to **Townsend Schools**.

ADVANCED TECHNOLOGY- 6304

1 (YEAR)

Prerequisite: Woods, Drafting, Tech Ed, and Construction

Grade Level(s): 11, 12

This is a course that is offered to upper level students who have taken most of or all of my other classes. This course starts with a Dual enrollment with Gallatin College in Welding. These students will be required to complete the required projects and follow the curriculum set up by the College. This consists of several welded coupons, a final project, some educational worksheets, and a final writeup with photos. These students will be required to keep a daily log of their activities and they will be responsible to have materials available for projects that they want to build for the entire time that they are enrolled. Advanced Tech students may complete projects utilizing a variety of technologies: Welding (STICK AND MIG), 3D printing; Laser engraver, drafting either CAD or Board, small engine repair, and some Aluminum welding. So their fee is dependent on what materials they use.

CONSTRUCTION TECHNOLOGY- 6305

1 (YEAR)

Prerequisite: Woods, Technology, and or Drafting

Grade Level(s): 10, 11, 12

In the Fall of the school year students will learn basic residential construction techniques and will build a small shed or other residential building. Skills learned will be: concrete work, framing, roofing, sheeting, wiring, stairs, and truss construction. The second quarter will be spent welding required welds on 4" coupons. There are 30 different welds to master, in SMAW, MIG, TIG, and Oxyacetylene. Students will be working on individual projects where they must draw, design, and build their own projects. (4-5 weeks) This should take a little over a semester and then we start the automotive portion of the course. Students will learn the basic operation of the internal combustion engine. They will label parts, disassemble engines, measure parts, and reassemble a multi-cylinder car engine. I would like students to take either the Woods class, the Technology class, and or the Drafting class before or while they take this class. However if you are an upper level student you would do fine in this class without those prerequisites.

TECHNOLOGY EDUCATION- 6302

1 (YEAR)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This course is designed to provide the students with a wide spectrum of tools and techniques. We start with a measuring and mass-production unit. The students will be safety tested with the woodworking tools of the wood lab. We will then study mass production principles that we will incorporate into the building of a group project. Each student will walk away with a finished product. The second quarter will be devoted to learning how to weld with the Stick Welder, the MIG welder, and the Oxyacetylene welder. Students will become proficient at welding on small coupons to the satisfaction of the instructor. Third quarter brings the rumble of small engines while the students will disassemble a small Honda or Tecumseh engine. They will learn to measure and diagnose engine problems. In the final quarter the students will learn sheet metal work as they mass produce small metal toolboxes or similar projects. Then the students will explore Pop bottle rocketry and study aerodynamics as they try to make their rocket go higher than their classmates' rocket.

WOOD TECHNOLOGY- 6301

1 (YEAR)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This course is designed to give students an understanding of current wood-working practices. They will build a cabinet which incorporates dovetail drawers, raised panel doors, face frame construction, and current finishing applications. The second semester they will utilize the drafting skills acquired from the first semester cabinet project. They will also make a cut list and price sheet using spreadsheet functions while preparing to build a cabinet of their own design and then they will proceed to build it. The students will be encouraged to build a Lathe project along with their second semester project to get the best grade. This course has no prerequisites and can be taken for one semester if that fits your schedule.

DRAFTING CAD/BOARD- 6303

1 (YEAR)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This course provides students with an in-depth understanding of Mechanical Drafting as well as Architectural Drafting. Students will spend 1 semester on Mechanical or Technical Drafting and 1 semester on Architectural Drafting. We have a 3-D printer that helps students visualize the projects that they draw and they can design their own small projects to be created on the printer. We also utilize a laser engraver in our drafting program where the students can cut or scan images into wood and various other mediums. This is a must take class for any students interested in graphic design or engineering. Should be taken as a one year course to get the most benefit. No prerequisite courses but it would be good to take this course before you take the 2-hour Construction Course offered to the Sophomores, Juniors and Seniors.

MATHEMATICS- 10 CLASSES (2000-2401)

FOUNDATIONAL MATH- 2000

1 (YEAR) Does not count as a Math Credit, but elective

Prerequisite: Teacher Recommendation

Grade Level(s): 9

This class is designed for students who struggle with math and need additional support outside the regular math class. This class is focused on getting students caught up in math. We use EdReady to help fill in those holes. The class is also focused on helping students stay caught up in their current math class through homework assistance and test prep.

PRE-ALGEBRA- 2100

1(YEAR)

Prerequisite: None

Grade Level(s): 9, 10

This class is an introduction to basic algebra concepts. This class is designed to help you be successful in Algebra 1. This class will review the basic operations of arithmetic on whole numbers, fractions and decimals. As students master these basic concepts, they will move into basic algebra. Basic algebra skills will include solving equations and inequalities, relations and functions, problem solving and polynomials. This class also includes work on a free online math program called EdReady. Students work at their own pace to try to fill in any missing holes they may have in their math education.

ALGEBRA 2- 2102

1 (YEAR)

Prerequisite: Algebra and Geometry

Grade Level(s): 10, 11, 12

Algebra 2 will guide you through linear equations, inequalities, graphs, polynomials and radical expressions, quadratic equations, functions, exponential and logarithmic expressions, and sequences and series. In Algebra 2, a student learns perseverance, precision, and a problem solving mindset.

DC PRE-CALCULUS- 2300

1 (YEAR)

Prerequisite: Algebra 1, Geometry and Algebra 2

Grade Level(s): 11, 12

This class is a study of the mathematics needed for calculus and is important for any student planning on taking a college algebra or college pre-calculus class. Topics covered include polynomial, rational, exponential, logarithmic, and trigonometric functions, complex numbers, linear systems, numerical patterns, sequences and series. Students will also begin working with calculus concepts such as limits, derivatives, and integrals.

ALGEBRA 1- 2101

1 (YEAR)

Prerequisite: Pre-Algebra or 8th Grade Math

Grade Level(s): 9, 10, 11

Algebra is a math course in high school and will guide you through expressions, systems of equations, functions, real numbers, inequalities, exponents, polynomials, radical and rational expressions. In Algebra, a student learns perseverance, precision, and a problem solving mindset.

BASIC GEOMETRY

1 (YEAR)

Prerequisite: Pre-Algebra or Algebra 1 (with teacher recommendation)

Grade Level(s): 10, 11, 12

This class is designed to focus on the study of common geometric figures, their properties and the applications that go along with them. It follows the same basic guidelines as Geometry, with a few topics being omitted, and we go at a much slower pace. Topics include parallel lines and polygons, perimeter and area, surface area and volume, transformations, and analytic geometry. Inductive and deductive thinking skills are used in problem solving and applications problems related to the real world.

GEOMETRY- 2200

1 (YEAR)

Prerequisite: Algebra 1

Grade Level(s): 9, 10, 11,12

This class is designed to focus on the study of common geometric figures, their properties and the applications that go along with them. Topics include logic and proof, parallel lines and polygons, perimeter and area, surface area and volume, transformations, right triangle trigonometry and analytic geometry. Inductive and deductive thinking skills are used in problem solving and applications problems related to the real world

DUAL CREDIT TECHNICAL MATH-

1 (YEAR)

Prerequisite: Algebra 2

Grade Level(s): 11, 12

DUAL CREDIT COLLEGE ALGEBRA- 2400

1 (SEM- FALL)

Prerequisite: Algebra 2

Grade Level(s): 12

College algebra will give the students skills to analyze and interpret the behavior of functions and their graphs at a basic level. College Algebra will utilize all the skills learned in Algebra II. In College Algebra, a student learns perseverance, precision, and a problem solving mindset.

DUAL CREDIT STATISTICS- 2401

.5 (SEM- SPRING)

Prerequisite: College Algebra or current enrollment of Calculus
Grade Level(s): 12

Statistics involves collecting, organizing, summarizing and analyzing data. Students will draw conclusions, make decisions and communicate results. In College Statistics, a student learns perseverance, precision, and a problem solving mindset. A student will have to use critical thinking skills, logical thinking skills and analytical thinking skills.

CALCULUS- 2301

1 (YEAR)

Prerequisite: Pre-calculus

Grade Level(s): 12

Calculus is a very important branch of mathematics that is used by physicists, engineers, and even chemists and biologists. Most physical laws are best—or only—described and utilized using calculus. Even some of the most widely used mathematical functions are actually defined using calculus. Throughout the year, you will learn about the three basic calculus concepts: Limits, Derivatives, and Integrals. Even though this is not technically an "Advanced Placement" class, you may be able to take a \$100 test at the end of the year that could give you 4 or 8 college credits, depending on how motivated you are.

MUSIC- 4 CLASSES (5200-5203)

HIGH SCHOOL BAND- 5200

.5 (SEMESTER)

Prerequisite: NONE

Grade Level(s): 9, 10, 11, 12

This course offers the opportunity to develop musical skill and technique playing woodwind, brass, and percussion instruments. Students will work as soloists and members of an ensemble. Rental opportunities will be available for students who do not own an instrument. Performance **EXPECTATIONS** include BHS Pep Band, BHS Concerts, and the District Music Festival.

HIGH SCHOOL CHOIR- 5201

.5 (SEMESTER)

Prerequisite: NONE

Grade Level(s): 9, 10, 11, 12

This course offers the opportunity to develop musical skill and technique singing a variety of musical styles. Students will experience music as soloists and members of vocal ensembles. Performance **EXPECTATIONS** include BHS Concerts and the District Music Festival.

MUSIC LAB- 5202

.5 (SEMESTER)

Prerequisite: NONE

Grade Level(s): 9, 10, 11, 12

This course offers the opportunity to learn to play or improve on ANY musical instrument. Music Lab will include solo skill development as well as collaborating with other classmates. Rental opportunities will be available for students who do not own an instrument. Performance **EXPECTATIONS** include BHS Concerts and the District Music Festival.

EXPLORING WORLD MUSIC-

.5 (SEMESTER)

Prerequisite: NONE

Grade Level(s): 9, 10, 11, 12

HISTORY OF ROCK & ROLL

.5 (SEMESTER)

Prerequisite: NONE

Grade Level(s): 9, 10, 11, 12

PHYSICAL EDUCATION AND HEALTH- 4 CLASSES (7100-7302)

ADVANCED PE I- 7301

.5 (SEM)

Prerequisite: 80% or above in all PE classes

Grade Level(s): 9, 10, 11, 12

This is a strength and conditioning class. The class is designed to improve the students strength, agility, speed, and fitness level. This is achieved through weightlifting, stretching, footwork drills, and circuits. This class also focuses on injury prevention. A physical is required to be in the class.

ADVANCED PE II- 7302

.5 (SEM)

Prerequisite: Have passed Adv. PE with an 80% or above

Grade Level(s): 11, 12

This is a strength and conditioning class. The class is designed to improve the students strength, agility, speed, and fitness level. This is achieved through weightlifting, stretching, footwork drills, and circuits. This class also focuses on injury prevention. A physical is required to be in the class.

ALTERNATIVE PE- 7200

.5 (SEM)

Prerequisite: None

Grade Level(s): 10, 11, 12

Alternative PE is designed to include team and individual sports. Students will obtain the knowledge and skills necessary to develop and maintain appropriate levels of cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life as the primary goals. This course is also designed for students interested in refining skills and strategies of individual and team sports. Content includes examining skills, strategies, proper sportsmanship, game history and rules. Students are expected to implement those skills into a competitive game setting as the secondary goals. This class is designed to challenge the competitive students. Students are expected to attend all classes and participate actively with the course goals in mind.

PE/HEALTH I- 7100

1 (YEAR)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

This is a freshman level PE and health class that is required for graduation.

SCIENCE- 5 CLASSES (3100-3500)

ANATOMY AND PHYSIOLOGY- 3500

1 (YEAR)

Prerequisite: Instructor approval required

Grade Level(s): 12

A very in-depth study of the human body and how it works. This class will be a very demanding class and taught at an advanced level. Suggested prerequisites are Biology II and/or Chemistry.

BIOLOGY 1- 3201

1 (YEAR)

Prerequisite: None

Grade Level(s): 10

Introduction to Biology up through invertebrates.

DC BIOLOGY 160 & 170- 3202

.5 (SEM)

Prerequisite: Passed Biology with a B average

Grade Level(s): 11, 12

More in depth look at various biological topics that were covered in Biology as well as coverage of the vertebrates.

PHYSICAL SCIENCE

1 (YEAR)

Prerequisite: None

Grade Level(s): 9

This is an overview of the nonliving stuff that makes up everything in our universe, and how that stuff behaves and interacts. Matter, changes in matter, and the motion of matter are the broad topics that will be discussed. Links between chemistry, physics, Earth science, and astronomy will be discussed regularly.

COLLEGE PREP CHEMISTRY/PHYSICS

1 (YEAR)

Prerequisite: Passed Physical Science and Biology 1

Grade Level(s): 11, 12

This is a more in-depth look at the world around us. Most topics from the Physical Science course will be looked at from a deeper, and more mathematical viewpoint. This is not an "Applications" course. I make no guarantees that the topics we cover will be applicable in your everyday life. However, this is a highly recommended option if you will eventually need to take college-level chemistry or physics.

SOCIAL STUDIES- 5 CLASSES (4100-4403)

GOVERNMENT 1- 4400

1 (SEM)

Prerequisite: World History, US History

Grade Level(s): 12

American Government is a class designed to acquaint students with the origins, concepts, organizations, and policies of the United States government and political system. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material.

GOVERNMENT 2-

1 (SEM)

Prerequisite: Government 1

Grade Level(s): 12

American Government is a class designed to acquaint students with the origins, concepts, organizations, and policies of the United States government and political system. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material.

WORLD HISTORY- 4100

1 (YEAR)

Prerequisite: None

Grade Level(s): 9

A survey of man's earliest history through the Renaissance Period. Going in depth on several time periods gives students an understanding of the breadth of what makes a civilization or country tick. The course is open primarily to 9th and 10th grade students so they can become culturally literate about their world as well as identifying features that become the foundation of our own time in the United States.

PSYCHOLOGY- 4201

.5 (SEM- FALL) repeated (SEM - Spring)

Prerequisite: None

Grade Level(s) 9, 10, 11, 12

Psychology is a semester class that focuses on the science of the mind, and both individual and social behavior. The course will explore such topics as the brain, developmental stages through life, learning and memory, personality, motivation, emotions, social behavior, and sport psychology.

SPORTS PSYCHOLOGY

.5 (SEM)

Prerequisite: None

Grade Level(s): 10, 11, 12

SOCIOLOGY- 4200 (currently not offered)

.5 (SEM- SPRING)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

Sociology focuses on how society impacts development in children and adults. It then veers into how sociologists work to improve society by looking at how national disasters impact society and how sociologists look to improve the outcomes of disasters on the population. We also look at prison reform, crime, subcultures and global poverty, all as how it relates to sociology.

US HISTORY- 4300

1 (YEAR)

Prerequisite: World History

Grade Level(s): 11

This course is a basic survey of United States History. Students in this course will analyze and then draw conclusions as to why certain American historical events happened and how these events still influence our society today.

WORLD LANGUAGE- 2 CLASSES (1601-1602)

SPANISH 1- 1601

1 (YEAR)

Prerequisite: None

Grade Level(s): 9, 10, 11, 12

Spanish 1 is designed to build a foundation for reading, writing and speaking the Spanish language. This class is great for anyone that is simply curious about learning to speak Spanish to students who hope to continue learning Spanish throughout high school and into college.

SPANISH 2- 1602

1 (YEAR)

Prerequisite: Spanish 1

Grade Level(s): 10, 11, 12

Spanish 2 is the continuation of Spanish 1. This class is designed for the student that wants to continue with their formal education of the Spanish language. Students that take Spanish two often test out of a level or 2 of Spanish at the college level thus saving money and time on their elective credits. We also set some time aside towards the end of the year for cultural learning and dialogue.

ADDITIONAL ELECTIVES- 5 CLASSES (8000-8400)

DIRECTED LEARNING- 8000

1 (YEAR)

Prerequisite: Special Education

Grade Level(s): 9, 10, 11, 12

Directed Learning is a class designed for special education students to support their core curriculum and get one-on-one help.

MONTANA DIGITAL ACADEMY- 8200

.5 (SEM)

Prerequisite: Teacher, Counselor, and Administration Approval

Grade Level(s): 10, 11, 12

Montana Digital Academy (MTDA) is a semester online credit recovery course offered through the state of Montana. MTDA is intended to get students back on track after failing a core English course. It is not an alternative to classroom instruction.

STUDENT AIDE- 8300

.5 (SEM)

Prerequisite: 3.25 cumulative GPA

Grade Levels: 11, 12

Students are assigned by the counselor to work with a teacher in the District.

TRAFFIC EDUCATION- 8101- NOT CURRENTLY OFFERED

.5 (SEM)

Prerequisite: Application

Grade Level(s): 9, 10, 11, 12

Students will learn basic driving skills using the school's Driver's Ed. car and classroom activities. There is a required parent meeting before the class starts, or the 1st week of the class. In order to be successful, the students will need to show the skills

Admission to MTDA will be determined by the classroom teacher, counselor, and administration.

SCHOOL TO WORK (WORK RELEASE)- 8400

.5 (SEM)

Prerequisite: In good standing- Admin Approval

Grade Level(s): 11, 12

Students may fill out an application and sign an agreement to report to a workplace daily. The application can be picked up from the counselor.

it takes to be a safe, responsible and respectable driver out on the road. It takes a 70% or higher to pass Driver's Ed. Students that go to school in our district can get a .5 elective credit that will show on their transcript. The class fee is \$100, and parents must bring a Social Security Card and a certified birth certificate to the parent meeting to finish their child's Montana Driver's Application.