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2018/2019 Course & Curriculum Guide

Mead High School

*Mind * Heart * Spirit * Mead*

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Mead School District Goals

Goal #1 – The District curriculum is guaranteed and viable.

The District curriculum, based on state and district standards, is achievable in scope (viable) and promised to each student (guaranteed). It is to be described in student-friendly language, published and adjusted as necessary. The implementation of the curriculum is monitored through teacher-developed common district assessments.

Goal #2 – Our educators and students use evidence of student learning to increase student success.

Evidence of student learning is obtained from a high quality, reliable and balanced assessment system (formative and summative). A critical element of this system involves teachers and students using evidence of student learning to increase success.

Goal #3 – Our educators accurately report individual achievement of the standards to students, parents and educators.

A reporting system for students, parents and educators is in place that describes individual student progress toward meeting state and district standards by grade level or course. Reporting is done through student-led conferences, common standards-based assessments, and elementary standards-based report cards.

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Art.

Courses Offered

- Beginning Art
- Advanced Art
- Jewelry
- Ceramics
- Digital Media
- Advanced Digital Photography

Beginning Art

9, 10, 11, 12 (Semester)

This class is designed to give the entry-level student exposure to a variety of media and to establish a basic skill level/working knowledge of the elements and principles of design. The hands-on experiences of the class are designed to increase awareness and confidence in dealing with the creative decision making process. Two dimensional and three dimensional projects are explored.

Advanced Art

10, 11, 12 (Semester)

Prerequisite Course: Beginning Art

This class is for students who want to further develop their drawing and painting skills. Students will complete an individual art portfolio. Fee \$25.00

Jewelry

9, 10, 11, 12 (Semester)

Prerequisite Course: Beginning Art

Students will explore basic metalsmithing techniques while designing and creating jewelry. Students will be taught a variety of techniques such as soldering, riveting and even casting at the advanced level. Fee: \$25.00. This class may be taken more than once for credit.

Ceramics

9, 10, 11, 12 (Semester)

Prerequisite Course: Beginning Art

Students will learn the basic skills of hand built and wheel-thrown pottery and sculpture. A variety of decorating and firing techniques will be taught. Fee: \$25.00. This class may be taken more than once for credit. Fee \$25.00

Digital Media

10, 11, 12 (Semester)

Prerequisite Course: Beginning Art

Students will explore the use of computer applications to create a basic composition that adheres to the elements and principles of design. This course will cover computer applications such as: Adobe Photoshop CS, iPhoto, and Final Cut Pro. Additionally, the

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course will incorporate the use of digital media for visual communication. The course curriculum will include individual class presentations, sharing of design ideas, creating individualized photographs, and group projects. The Cannon T4 and T5 models will be the cameras used by the beginning students.

This class may be taken more than once for credit provided a "C" or better was earned the first time. When students take the class two or more times they are expected to provide proof of their advancement with a video portfolio. Each time this course is taken it may be used to fulfill one semester of Art or CTE.

Advanced Digital Photography

Prerequisite: C grade or better in Digital Media
10-12 (Semester)

In this course the student will build upon their knowledge of digital photography through hands-on experience with lighting, flash, camera lenses, and Adobe Photoshop. The student can take this course up to 3 semesters if they receive a C grade or better. This class qualifies for an Occupational and/or Art credit.

Acting and Advanced Acting – See Performing Arts

Civil Engineering and Architecture – See **Project Lead The Way** – Engineering Academy

Stagecraft – See Electives

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Career and Technical Education

COMPUTER PROGRAMMING

Courses Offered

- Intro to Programming
- AP Computer Science Principles
- AP Computer Science A
- Graphic Design

Intro to Programming – Video Game Programming

9, 10, 11, 12 (Semester)

Video game programming is an introductory coding course. Students learn to animate objects, make graphic effects and different types of video games. Students will work solo and in teams to create 3-4 video games. This class may be taken additional semesters as an advanced student where 3D game design and VR applications will be explored.

AP Computer Science Principles

10, 11, 12 (Year)

Prerequisite: Intro to Programming or instructor approval

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. While this course can be a student's first in computer science, students without prior computing experience are encouraged to start with Introduction to Programming. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This course is aligned to the AP Curriculum Framework standards and the AP CSP exam.

AP Computer Science A

10, 11, 12 (Year)

Prerequisite: Intro to Programming, AP CSP or instructor approval

Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction and uses JAVA as its primary language. Topics covered include: Object-Oriented Program Design, Program Implementation, Program Analysis, Data Structures, Algorithms and Computing in Context. This course is aligned to the AP Curriculum Framework standards and the AP CS-A exam.

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Graphic Design

11, 12 (Semester)

Prerequisite: Digital Media

This is a project-based class that will use sophisticated computer equipment and technology. Students will explore graphic design principles working with professional applications used in today's graphic design industry. Industry approved software includes: Adobe Photoshop, InDesign and Illustrator. Graphic Design offers a progression of design tasks focused on developing a comprehensive digital artist. Students will learn basic design principles and develop an understanding of sketching, technical drawing, color theory, imaging and studio photography. Students will create commercial art suited to a business's needs such as: logo and branding identity, business cards, brochures, flyers, posters, product design, etc. This course will also include a unit of Digital Citizenry, which will explore common issues facing the industry such as copyright law, photo distortion and the ethical concerns of social media and its impact in the modern world. This class qualifies for a CTE or art credit.

Biomedical – See PLTW

Digital Media – See Art

Engineering – See PLTW

ENTREPRENEURSHIP

Courses Offered

- Entrepreneurship
- Advanced Entrepreneurship
- Principals of Advertising
- International Marketing Student Store A & B

Entrepreneurship

9, 10, 11, 12 (Semester)

This course introduces the student to entrepreneurial thought and the process for innovation/idea generation. Students begin to develop their own entrepreneurial mindset and the business skills essential to the entrepreneurial experience. Students are challenged to think creatively about forming their own business or designing a product to meet customer needs and/or address unmet needs in the commercial, social and global economy. Through experimental learning, case studies, business writing assignments and creative thinking exercises, students will develop a disciplined thought process for starting and running their own enterprise and begin the development of a business plan. You will also

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have the chance to join **DECA**, a business and marketing club, and compete, plus do other club activities throughout the year. **This course fulfills the Occupational Educational credit.**

Advanced Entrepreneurship

9, 10, 11, 12 (Semester)

Prerequisite: Entrepreneurship

This course continues with the Business Venture and Plan Development started in the Entrepreneurship course. The student will be able to evaluate their business concept and write a business plan for their entrepreneurial venture. In the process of doing so, the student will be able to assess the strengths and weaknesses of their business concept; identify operational requirements; collect and organize market research data into a marketing plan and prepare basic financial projections for their venture. In addition, students will be able to identify and evaluate various resources available for funding the entrepreneurial venture. An opportunity will be provided for students to present their Business Plan at a selected high school division competition. It is required to be in **DECA** to take this class.

Principals of Advertising

9, 10, 11, 12 (Semester)

This is a semester course that will combine Digital Photography and Design in one. You will develop business and marketing skills while using a variety of tools. The marketing phase will include learning the fundamentals of marketing such as selling, product development, promotion, and marketing information management. The projects will be integrated and help you develop your design skills so that you are able to design and present using different tools. The design phase will include a basic introduction to digital photography and creative designing through the use of Adobe Photoshop and Illustrator. You will also have the chance to join **DECA**, a business and marketing club, and compete, plus do other club activities throughout the year. You will earn an Occupational or Art credit for this class.

International Marketing Student Store A & B

11, 12 (Semester)

The purpose of this class is to help prepare students for the retail market by being involved in the student store. Students will work in the student store and take leadership management positions, work with business product vendors and manage individual projects including advertising/promotions, selling, merchandising, human relations, entrepreneurship, and accounting. It is required to be in **DECA** to work in the student store. This also requires Mr. Butler's permission to take this class.

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FAMILY AND CONSUMER SCIENCE

Family & Consumer Science classes are designed to prepare students at all levels to make decisions, solve problems, assume leadership roles, achieve goals, and develop lifelong skills. These courses will allow students to make choices involving foods/nutrition, consumer education, housing, personal relationships, and child development.

Courses Offered

- Careers in Education
- Financial Math
- Food and Wellness
- ProStart Culinary Arts
- ProStart II Culinary Arts

Careers in Education

10, 11, 12 (Year)

Do you want to be a teacher? This is a **year-long** class designed to give students the "total teaching experience." First semester, you will learn about teaching methods, classroom management, lesson planning, observing classrooms and the rigors of the teaching profession. You will also gain valuable work skills, plan lessons, make presentations and learn how to speak to classes with confidence. Second semester, you will have the opportunity to spend time with children in an elementary or middle school classroom applying newly learned concepts. College credit available.

Financial Math

11, 12 (Year)

The Financial Math course features lessons, tools, and resources all designed to engage students in learning about the financial world. Students will learn personal finance basics such as budgeting, taxes, employability, automobile ownership and retirement. In addition, students will explore other topics including modeling a business and exploring the stock market. The course will use the dynamic approach of project-based learning, in which students explore real-world challenges and problems, allowing them to obtain a deeper knowledge of this important subject area. **Can be taken for math or Occupational Education credit.**

Food and Wellness

9, 10, 11, 12, (Semester)

This comprehensive food and nutrition course will enable students to learn the personal advantages of eating healthy and will discover how they can establish good nutritional

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practices that will benefit them throughout their lives. The course will serve to broaden students' understanding of the impact food has on their lives, the creativity, presentation and aesthetics, and the career opportunities in the food and nutrition profession. Topics covered will include kitchen safety/sanitation, food preparation, healthy choices, and consumer education. Students will participate in "hands on" experiences cooking a variety of nutritious and tasty foods and meals. This class satisfies the occupational education requirement and is strongly recommended as the prerequisite to the ProStart Program or Careers in Education

Concentration: Culinary and Hospitality, Food & Nutrition

ProStart® I

10, 11, 12 (Year)

This is a **year-long course** developed by the National Restaurant Education Association for students interested in going into the restaurant or hospitality industry. The course combines culinary and management skills, along with guest speakers and field trips in the industry. Students will develop culinary skills in food preparation, master knife skills, understand the importance of workplace safety and sanitation, plus prepare a variety of foods including desserts, baked goods, meat, poultry and seafood, stocks, soups and sauces. Students will also learn how to build a career in the food service industry and understand the steps to create and run a restaurant. Students will have the opportunity to earn hours toward the 400-hours of mentored work-based learning experience. At the end of the year students can also take the NRAEF Level 1 Exam to earn their ProStart National Certificate of Achievement. **This class fulfills two semesters of Occupational Education.** Fee: \$10 Food Handlers Permit

ProStart II

10, 11, 12 (Year)

This is a **year-long course** developed by the National Restaurant Education Association for students interested in launching a career in the restaurant or hospitality industry. This course prepares students with entry level skills they can use to further their education at a culinary school to become chefs, restaurant managers or other professional in the food industry. Students will prepare a variety of foods including desserts, baked goods, meat, poultry and seafood, breakfast food and sandwiches, salads and garnishing techniques, and explore a variety of global cuisine from around the world. They will also create menus and demonstrate proficiency in knife skills. Students will have the opportunity to earn hours toward the 400-hours of mentored work-based learning experience. At the end of the year students can also take the NRAEF Level 2 exam to earn their ProStart National Certificate of Achievement. **This class fulfills two semesters of Occupational Education.** Fee: \$10 Food Handlers Permit

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Electives

Courses Offered

- ASB
- Dance Team
- Peer Tutor
- Beginning Sports Med
- Advanced Sports Med
- Breakthrough
- Leadership
- Link Crew
- Stagecraft
- Interpersonal Communication/Speech
- Late Arrival/Early Release
- Debate/Speech
- Color Guard
- Yearbook Production

ASB

11, 12 (Year)

Prerequisite: Must be an elected student body officer or complete application process with ASB advisor.

Students are directly responsible for ASB expenditures as well as planning and scheduling major school activities. Students will also serve as appropriate role models and act as communication liaisons between staff, students, administration and community. Students must purchase an ASB card (\$45).

Breakthrough

10, 11, 12 (Semester)

This class will provide students with an opportunity to "break through" personal barriers to learning and success. Through instruction in learning styles, memorization, life skills, and specific academic strategies, students will learn to transfer acquired information from this class to other learning situations with a strong sense of team and family. Recommended for students with an attitude to make life changes.

Late Arrival/Early Dismissal

12 (Semester)

A senior wishing either late arrival or early dismissal must be enrolled in 5 full-time classes.

Dance Team

9, 10, 11, 12 (Year)

Prerequisite: Qualification by tryout or Permission of Instructor

Students will be members of a competitive performance team. They will learn choreographed dance routines, and students will be required to attend practice sessions outside of class time. Performances will include football halftimes, basketball halftimes, school assemblies, special event shows, and competitions. Emphasis is placed on personal fitness and team commitment. Fee: \$200 minimum. Students must complete athletic eligibility paperwork and purchase an ASB card (\$45). Students may choose to have this class fulfill either a Health and Fitness credit or a Fine Arts credit.

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Leadership

9, 10 (Semester)

This course is designed for 9th and 10th grade high school students interested in developing leadership skills. Students will develop and enhance intra and interpersonal skills, as well as learn the foundation and fundamentals of effective leadership. This course will emphasize skills such as goal setting, communication, and organization to be an successful leader and role model in the school and community. Students will also learn to lead groups, facilitate group communication and the process of evaluating and improving group dynamics. This course will be a great opportunity for students interested in future leadership opportunities at Mead such as Link Crew and ASB; to begin building key leadership skills.

Debate

9, 10, 11, 12 (Year; may be taken multiple times for advanced credit)

This course is a communication theory and performance-based class covering all types of speaking situations with emphasis on logic, persuasion, and creativity. Students use evidence and reasoning skills on issues involving laws, policies and values when they debate, and they will utilize communication, persuasion, art and acting skills when they perform in speech events. Second, third, and fourth year students will pursue advanced studies in debate. This course may be used to fulfill one semester of an English elective or one semester of Art. Students must purchase an ASB card (\$45).

Peer Tutor

11, 12 (Semester)

Prerequisite: Permission of Instructor

Juniors and seniors who have good skills in reading and math may choose to work throughout the school including within the Special Education department as a reading or math tutor. Students work with students struggling with basic skills on a daily basis, offering a valuable service to our school. Tutors are trained by the classroom instructor in specific remedial programs and receive elective high school credit for successful completion of the course. The class may be repeated for credit.

Peer tutor opportunities are also available in the Breakthrough class for high school credit only. If you are interested in being a peer tutor please talk with your counselor.

Interpersonal Communication/Speech

9, 10, 11, 12 (2nd Semester, only)

This course is designed to give students the skills necessary to control how they are perceived by others and to understand when similar skill are being used to modify their perceptions. Our focus is on verbal fluency and controlling nonverbal cues to be persuasive. This performance-based class covers communication theory, research, persuasion, discussion, peer evaluation, and interview techniques in a comfortable, small group setting.

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Link Crew Leadership

10-12 (Semester or year)

Students enrolled in this course will plan, implement, and evaluate school activities focused on building community at Mead High School. Course content exposes students to concepts of Servant Leadership, communication, team building, and group process. Students may be expected to attend events outside of the school day (including but not limited to, Freshmen Orientation).

Color Guard

9, 10, 11, 12 (Year)

Prerequisite: Qualification by tryout or permission of instructor

Emphasis will be placed on developing all types of dance skill and technique with the addition of developing skill and technique on equipment (flag, rifle and sabre). The color guard class is a performance based class and the “team” concept is of utmost importance. As such, attendance is required for all events that involve color guard students. Most of these events take place outside the school day. These performances include participation in the fall marching band season attending football games and competitions, two recital performances in each year, winter color guard season and the Lilac Parade. Students must be able to commit to this course for a complete school year. This course fulfills one year of Health and Fitness.

Notes:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.
- This class will contain fees (\$700 and ASB \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Beginning Sports Medicine

9, 10, 11, 12 (Semester)

The Sports Medicine Program at MHS is designed to provide a comprehensive approach to the progressive athletic training profession. Instruction is directed toward developing students' abilities to demonstrate knowledge in human anatomy, physiology, kinesiology, first aid and CPR. The program topics emphasize the prevention, recognition, evaluation, treatment, rehabilitation and emergency care of athletic related health conditions. Occupational credit or science elective credit is earned. This class can be repeated. **Please note: This class does not fulfill a PE requirement but can fulfill a semester of Occupational Education.**

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Advanced Sports Medicine

9, 10, 11, 12 (Semester)

***Prerequisite: Beginning Sports Medicine**

Advanced sports medicine is a semester long continuation of beginning sports medicine. Course objectives include learning about the upper extremities and associated injuries, medical career options, designing a training facility, dietary supplements, therapeutic modalities, rehabilitation techniques, and various taping/wrapping techniques. **Please note: This class does not fulfill a PE requirement but can fulfill a semester of Occupational Education.**

Stagecraft

9, 10, 11, 12 (Semester)

In Stagecraft, Mead's Technical Theatre class, we will focus on the "behind the scenes" elements of the performing arts. You will learn stage lighting design and execution, sound techniques, set design/construction, and production management. In order to be successful in this class, you must be self-disciplined, self-motivated, and be able to work reliably and independently without constant direct supervision. A crucial part of this class is your work outside of school hours running tech for concerts, plays, and other events in the theatre. In this class you will develop a deep appreciation for technical theatre, gain the skills to become a theatre technician, and learn to confidently run an event on your own.

Yearbook Production

11, 12 (Year)

Prerequisite: Permission of Instructor

This class digitally produces the award-winning MHS yearbook. The book will be taking on a new innovative direction in cutting edge design and content opening the way for more student voice. Using InDesign and Photoshop students will learn basic and advanced layout and design, and digital photography. Interview techniques and feature writing are strongly emphasized as well as financial skills. This is an excellent class for those interested in careers management, leadership and design. Time management and a strong work ethic are beneficial as the class is fast paced. Time outside of class may be required throughout the year to meet publication deadlines, but personal schedules can be worked around. Digital Media is suggested but not required. This course may be repeated once. Students must purchase an ASB card.

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English

The study of English allows individuals to acquire the reading, writing, and speaking skills necessary for survival in today's world. Some courses are specifically designed to improve basic skills. Other courses, which emphasize the study of great literature, also encourage critical thinking, classroom discussion, and an appreciation of different viewpoints. The English curriculum provides students with many choices that will prepare them for the future and develop a lifelong pleasure in reading.

Courses Offered - *approved NCAA core course

- *English 9A and 9B
- *Honors English 9A and 9B
- *English 10 A and 10B
- *Honors English 10A and 10B
- *Honors Sophomore Humanities of the World/English
- *English 11/American Literature A & B
- *Advanced Placement (AP) Language A & B
- *Honors Junior Humanities
- *English 12/British Literature A & B
- *Bridge to College English Language Arts
- Mythology and English Composition IV
- Coming of Age and Creative Writing
- *Advanced Placement (AP) Literature A & B

English 9A

9 (Fall Semester)

Students will be expected to expand their writing skills and become more competent in the areas of ideas and content, organization, voice, word choice, sentence fluency, and conventions. In addition, students will also study Greek roots, suffixes and prefixes to expand their vocabularies and improve their word recognition skills. This course covers short story, poetry, non-fiction, and drama through a literature anthology. Specific novels follow a theme-based approach and students will be required to do a variety of writing types. This class satisfies one semester of freshman English.

English 9B

9 (Spring Semester)

This course extends the writing and literature skills introduced in first semester. Greek roots and affixes are also continued through this semester, along with vocabulary words from literature. The genres introduced in first semester are continued along with Shakespeare's Romeo and Juliet. This class satisfies one semester of freshman English.

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Honors English 9A & 9B

9 (Year)

Prerequisite: Written Application Summer Project

This year-long accelerated course includes all of the regular ninth grade curriculum as well as additional reading, writing, and speaking commensurate with an advanced course. Students will work at a faster pace and study the curriculum in greater depth. A written application is due in March. Additionally, students must complete a summer project. Students should demonstrate a strong desire to be in the class and must maintain an 80% to remain in the class for second semester.

English 10A

10 (Fall Semester)

This course is designed to help students acquire the composition skills necessary in writing a multi-paragraph composition. Students *also read portions of an anthology and study several longer literature selections to examine themes, audience/voice, diction, fluency, and conventions*. The vocabulary program includes words from both literature and Latin roots. This class satisfies one semester of sophomore English.

English 10B

10 (Spring Semester)

Prerequisite: English 10A

This course extends the reading and composition skills introduced during the first semester. Students will also be asked to complete thesis papers, and use of MLA format will be practiced. Vocabulary study includes words from both literature and Latin roots. This class satisfies one semester of sophomore English.

Honors English 10A & 10B

10 (Year)

This year-long accelerated course includes all the regular tenth grade curriculum as well as additional reading, writing and speaking commensurate with an advanced course. *Literature is selected to reflect a variety of world perspectives so students may make connections with their social studies course.* Students will work at a faster pace and study the curriculum in greater depth.

Honors Sophomore Humanities of the World/English

10 (Year) Two-hour Block

An introduction to the study of world, cultural, and social development through history, literature, music, art, drama, and philosophy is the focus of this course. This program will use an integrated, team-taught approach to increase historical awareness through understanding of cultural and social development. It will heighten aesthetic sensitivity through exposure to a variety of artistic expressions and stimulate intellectual growth by contact with diverse ideas. Students will be encouraged to think and work creatively as they address the themes and questions that resonate throughout history and the arts. Expectations are high, but all who are willing to work and learn are welcome. Note: Cross-referenced under Social Studies. This course, if taken both semesters, may be used to satisfy the sophomore English and Social Studies requirements.

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English 11/American Literature A

11 (Fall Semester)

This course includes a chronological study of American literature from the Civil War through the Roaring Twenties. Various genres will be studied, including non-fictional essays and letters, poetry, short stories, and *The Adventures of Huckleberry Finn*, *The Red Badge of Courage*, *The Jungle*, and *The Great Gatsby*.

English 11/American Literature B

11 (Spring Semester)

This course is a chronological continuation of American Literature A, from the Great Depression through the 1960's. Literature found in this semester includes essays, poetry, short stories and *The Grapes of Wrath*, *The Crucible*, and *The Night Thoreau Spent in Jail*. American Literature A would be beneficial but is not required. This class may be taken as a continuation of first semester or independently.

Advanced Placement (AP) Language and Composition

11, 12 (Year)

Advanced Placement Language and Composition examines language and rhetorical strategies in various forms of writing: essays, letters, memoirs, editorials, autobiographies and critiques. Occasionally, an extended piece of non-fiction is read. Critical reading is the first area of emphasis, during which students gain practice at identifying rhetorical strategies. Then students evaluate how the rhetorical strategies achieve the author's intended effect or purpose. Throughout the course, students learn how to write expository and persuasive essays to convey the conclusions they draw.

The overarching purpose of AP Language and Composition is to develop students whose reading and writing enhance their awareness of the interactions among a writer's purpose, audience expectations, and subject matter. Students will also gain familiarity with the necessary skills and knowledge required for the Advanced Placement test. Note: Students will have the option of taking the Advanced Placement English Language Test in May and, depending on their score, receive college credit and/or advanced placement at most colleges and universities.

Honors Junior Humanities

11 (Year, Two-period Block)

The American experience - designed to provide students a relational, rigorous, and relevant learning experience, this junior-year humanities course explores questions regarding who and what make up the American experience. This class satisfies the US History requirement as well as an English elective, and will take place in a two-period block. Using the Socratic Method, critical thinking, reading, writing, and research skills, this course will allow students to explore philosophy, literature, art, and music which enhance units organized around themes of American history and identity. The course will use a variety of assessment methods including presentations, papers, and student-directed projects. It is not required that students take sophomore humanities in order to enter this course. We look forward

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to working with a diverse learning community. The requirements for this course include a high-level of participation in daily lessons, as well as a willingness to question, investigate, think creatively, problem-solve, and innovate. The integrated curriculum will challenge students to get outside of their academic comfort zones by getting involved in the humanities both in and out of the classroom setting.

English 12/British Literature A

12 (Fall Semester)

In this college-preparatory course with multiple essays and in-depth discussions, students will explore British literature from the Anglo-Saxon period through the Age of Reason. Students will trace the development of the hero and various roles in society, religion and its impact as they examine and imitate a wide variety of writing, including satires and sonnets created by such diverse authors as Geoffrey Chaucer, William Shakespeare, John Milton, and Jonathan Swift. This course is highly recommended for those students who want historical perspective on the great thinking of the English-speaking world. The course is an excellent forerunner to Advanced Placement courses and Prep for College English.

English 12/British Literature B

12 (Spring Semester)

The chronological study of the great British literary works continues with an examination of the poets, essayists, and novelists of the Romantic Period, the Victorian Period, and the Twentieth Century. Students will research novels seeking commonalities and differences in the attitudes and writing styles of the three distinct time periods. The influence of society, the role of nature, and the power and conflicts of Colonialism are among the themes explored through discussions and essays. This class is an excellent precursor to Advanced Placement courses, Honors English and Prep for College English. This course may be taken independently and need not be a sequel of British

Bridges to College English Language Arts (Course Code: 01069)

12 (Year)

Bridge to College ELA is a yearlong course focusing on the English language arts key readiness standards from WA States K-12 Learning Standards for English. The course is designed to prepare students for entrance into post-secondary credit-bearing courses. The curriculum emphasizes focused reading, writing, speaking & listening and research to develop college and career readiness skills in critical reading, academic writing and research inquiry. Students will engage with rigorous texts and activities to learn skills such as evaluating source information, synthesizing multiple sources of evidence to support claims, and writing quality argument essays that promote the incorporation of evidence balanced with independent thinking. The course will also develop essential habits of mind necessary for success in college and career, including independence, productive persistence and metacognition. **Not NCAA approved for student-athletes.**

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Mythology and Modern Writing

12 (Year)

Mythology will provide an overview of significant myths and stories from world cultures (Sumerian, Greek, Roman, and Celtic), their origins, their psychological roots, and how these stories influence our lives. Special emphasis will be on creative writing, such as the writing of myths and folk stories. Mythology will be paired with Modern Writing.

This senior-level class will focus on critical reading and writing skills expected in most careers. The emphasis will be on professional-quality composition skills: content, organization, and conventions. Students will learn and reinforce critical reading skills through various texts. This course will also prepare students for entrance into the work world by focusing on skills such as independence, work ethic, and productive collaboration.

Coming of Age and Creative Writing

12 (Year)

Coming of Age/Creative Writing is a literature-based class that focuses on the challenges we all face as we mature. Students will read such titles as *The Curious Incident of the Dog in the Night Time*, *The Secret Life of Bees*, and *the Kite Runner*, as well as independent novels, short stories, and poetry which all examine the coming-of-age theme. We will respond to the literature by means of projects, writing, and discussions. Students will experiment with different prose and poetic styles. Students will also explore personal experiences through creative writing, and writing for enjoyment will be encouraged.

This senior-level class will also focus on critical reading and writing skills expected in most careers. The emphasis will be on professional-quality composition skills: content, organization, and conventions. Students will learn and reinforce critical reading skills through various texts. This course will also prepare students for entrance into the work world by focusing on skills such as independence, work ethic, and productive collaboration.

Advanced Placement (AP) Literature

12 (Year)

This course is a freshman college-level English class. Students will learn to appreciate, interpret, and analyze selected classics and modern pieces of literature. By writing an analytical theme on major works read throughout the school year, students will develop a mature, clear, well-organized style of writing. Skills for taking an essay test will be developed, and research skills will be utilized to develop a literary research paper. Students will read works of literature that may include: *King Lear*, *Hamlet*, *Othello*, *Their Eyes Were Watching God*, *Death of a Salesman*, *Heart of Darkness*, *The Poisonwood Bible*, and various book club selections as well as selected short stories and poetry. Note: Students will have the option of taking the Advanced Placement English Literature Test in May and, depending on their score, receive college credit and/or advanced placement at most colleges and universities.

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Health and Fitness

Health and Fitness at Mead High School focuses on lifetime activities as a way to enhance a healthy lifestyle through health and physical fitness. A variety of team and individual activities are offered. Two credits of Health and Fitness are required for graduation. In the 9th grade students are required to take one (1) semester of Health - Fitness and one (1) semester of Health, either PATH (Personal Awareness Through Health) or Nutrition and Fitness. Sophomores are encouraged to take one (1) semester of Health-Fitness in the 10th grade. The remaining .5 credit may be taken during the 10th, 11th or 12th grade. 11th and 12th grade credit must be earned from upper level offerings.

Courses Offered

- PATH (Personal Awareness Through Health) *Health Credit Only
- Nutrition and Fitness *Health or PE Credit
- Intro to Fitness (Online Course)
- Health – Fitness (P.E.)
- Weights
- Yoga/Pilates
- Racquet Sports
- Volleyball

PATH - (Personal Awareness through Health)

9, 10, 11, 12 (Semester)

The curriculum includes the state human sexuality requirement and a wide range of health and personal life skills that will help ninth graders transition to the high school environment. This counts only as a Health credit.

Nutrition and Fitness

9, 10, 11, 12 (Semester)

Students will explore a healthy lifestyle through running and exercise. Running (aerobic conditioning) has many positive physical, mental/emotional and social aspects that help enhance the quality of a person's life (stress reducer, maintaining a healthy body weight and more efficient cardiovascular system). Students will also learn the importance of proper nutrition and the aspects of personal health and wellness through goal setting, journaling, current health trends and events, and the F.I.T.T. Principles in creating a lifetime fitness plan for their future. This class fulfills either one semester of Health or one semester of PE.

Online Fitness (Zero Hour, Only)

10, 11 (S)

This course equivalent will focus on the basics of health-related fitness and creating a personal fitness plan, including the components of health-related fitness, the F.I.T.T. principle, the principles of training, and anatomy. Fitness tests, goal-setting, and activity monitors will be used to introduce,

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review, and apply fitness concepts. The course will integrate higher-level instructional strategies applied through reading, video, and peer/group assignments; self-analysis using current health and fitness data; as well as community investigations and social media across a variety of platforms. The information in this course will provide a foundation for students that will lead to independence in the development and management of their own personal fitness and health plans during high school, college, and throughout life.

P.E. 9-10

9, 10, 11, 12 (Semester)

Six three-week units involve a variety of activities. Students are evaluated on participation, fitness, skill, and knowledge of rules. Activities may include, but are not limited to, softball, aerial football, soccer, lacrosse, field hockey, tennis, badminton, basketball, and team handball.

Weights

9, 10, 11, 12 (Semester)

Weight training is a high intense activity based class emphasizing cardio respiratory fitness, muscular strength and endurance, core strength development, balance, flexibility, and speed / agility enhancement. Classes are co-ed and include free weight exercises, body weight exercises, speed / agility drills, and endurance training.

Yoga/Pilates

10, 11, 12 (Semester)

This course combines the well-established benefits of yoga, Pilates, and weights to build strength, gain flexibility, and increase balance. In yoga, we will focus on the basics of centered breathing, body alignment, and various vinyasas. Pilates adds core strengthening along with toning for the upper and lower body. We will also lift weights and complete fitness circuits using TRX, bikes, sand bells, etc. for a well-rounded workout. Students are evaluated on individual and partner projects, written tests, fitness tests, as well as participation including attitude and effort. This class may be taken more than once for .5 PE credit.

Racquet Sports

9, 10, 11, 12 (Semester)

The practice and study of badminton, pickle ball, tennis, (and other possible racquet sports). Students will be evaluated on skills, tactics, improvement, written tests, fitness, effort/attitude toward learning, attendance/participation.

Volleyball

9, 10, 11, 12 (Semester)

Volleyball is a structured program for skill and game development. Students are evaluated on technique, tactics, knowledge (applied and written) effort, improvement, attitude toward learning, physical fitness and attendance. Class may be taken more than once for advanced credit.

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Math

In order to better place students in appropriate math classes for the 2018-2019 school year, current Algebra I and Geometry teachers will pre-register students for next year's math class. This placement will be based on performance and skill in the current math class. You will automatically be registered for the course. In general, students will be placed in the next level based on a prerequisite grade of 'C' or higher or teacher recommendation. In some cases, teachers may recommend a student repeat a class in order to best build math skills and prepare for state-mandated tests required for graduation.

If students prefer another math class, they should complete the math notification form given by their current teachers and then return it to the Counseling Center. Students will be contacted to talk with their counselor about the reason for choosing a different class.

The Mead High School math curriculum provides several sequences of study, depending on the student's middle school background and future plans. Three credits of math are required for graduation.

Courses Offered - *approved NCAA core course

- *Algebra I A & B
- *Algebra II A & B
- *Geometry A & B
- *Algebra II/Trigonometry A & B
- Bridges to College Math
- *Pre-Calculus A & B
- Calculus A & B
- Financial Math
- *Advanced Placement AB Calculus A & B
- Advanced Placement BC Calculus A & B
- Statistics A & B
- Advanced Placement Statistics A & B

Algebra I A & B

9, 10, 11, 12 (Year)

Students will develop math skills dealing with real numbers, equations & inequalities, relations & functions, powers & roots, polynomials, linear functions, problems in two variables, & rational expressions. **Grade of C or better and competence in working with algebraic functions, linear equations and factoring** is recommended and a passing grade required for advancement.

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Geometry A & B

9, 10, 11, 12 (Year)

Prerequisite: C or better in Algebra I, or teacher recommendation

This course will serve to solidify skills that were acquired in Algebra I as well as introduce new concepts from geometry. Topics include but are not limited to: Basic terms in Geometry, Transformational Geometry in the Coordinate Plane, Reasoning and Proof, the study of Congruent, Similar and Right Triangles including right triangle trigonometry, Quadrilaterals, and working with 2 dimensional and 3 dimensional objects.

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations. It also emphasizes writing proofs to solve (prove) properties of geometric figures. Grade of C or better recommended and a passing grade required for advancement.

Algebra II A & B

11, 12 (Year)

Prerequisite: Geometry/(Algebra), or teacher recommendation

Students will review, maintain and enhance topics covered in Algebra and Geometry. The class is for those who earned a "C" grade or less in Geometry and feel they need a course to build skills before taking Algebra II/Trigonometry A & B or Prep for College Math. Problem solving in algebraic language will be emphasized. Grade of "C" or better recommended for advancement. Students will be assigned to the class based on teacher recommendation.

Algebra II/Trigonometry A & B

9, 10, 11, 12 (Year)

Prerequisite: C or better in Geometry, or teacher recommendation

Students will learn to maintain & enhance the skills learned in Algebra and Geometry. They will develop additional capabilities in dealing with expressions, equations & different types of algebraic, exponential, logarithmic, & trigonometric functions. Problem solving in algebraic language and solving problems using trigonometry will also be emphasized. Grade of C or better for advancement.

Bridges to College Math

12 (Year)

Prerequisite: Algebra II/Trigonometry, or teacher recommendation

The Bridge to College Mathematics course is grounded in the Southern Regional Education Board's Math Ready Course. Intended for Students heading for college pathways not requiring calculus, the curriculum emphasizes modeling with mathematics and the Common Core Standards for Mathematical Practice, and a variety of essential standards from Algebra I, statistics and geometry, plus the Algebra II standards agreed to as essential college-and-career readiness standards for most students. The course emphasizes student

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engagement based heavily on conceptual teaching and learning. The Bridge to College courses are fourth-year (senior-level) courses designed for students scoring a Level 2 on the Smarter Balanced high school assessment (11th grade). Students who earn a “B” or better in the Bridge Course are eligible to enter credit-bearing coursework in any of the State of Washington Community and Technical Colleges. **Not NCAA approved for student-athletes.**

Financial Math – See Family and Consumer Science
Grades 11 and 12

Pre-Calculus A & B

9, 10, 11, 12 (Year)

Prerequisite: C or better in Algebra II/Trigonometry, or teacher recommendation

The Pre-Calculus course work will prepare those students interested in taking AP Calculus as well as those preparing for college entrance. Students will review concepts associated with functions and graphing. Polynomial, rational, exponential and logarithmic functions and their applications will be studied in greater detail. Topics in analytic geometry and trigonometry will be covered completely. Students will study sequences and series, and be introduced to the concept of limits and other calculus ideas.

Advanced Pre-Calculus A & B

10, 11, 12 (Year)

Prerequisite: C or better in Algebra II/Trigonometry, or teacher recommendation

This is a prep for college course designed to prepare students for the rigor of college math and Calculus. First semester and part of second semester we will be studying traditional pre-calculus topics including but not limited to trig, parametric equations, polar equations, and sequences and series. The latter part of second semester we will begin a study of Calculus including but not limited to the derivative, the integral, and applications involving both.

Statistics A & B

11, 12 (Year)

Prerequisite: C or better in an Algebra II course

Statistics is for students with a wide variety of interests and accommodates a wide variety of math proficiencies. This course will introduce students to major concepts and tools for collecting, analyzing, and drawing conclusions from numerical data. Students will analyze data with calculators and computers, conduct classroom experiments, carry out individual and group projects, and perform simulations involving probability. Students will develop the ability to critically evaluate information, developing lifelong benefits for making decisions about important issues such as diet, health care, and investments.

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Advanced Placement AB Calculus A & B

10, 11, 12 (Year)

Prerequisite: Pre-Calculus, or teacher recommendation

Students will apply skills & information acquired in previous math courses. Learning will include techniques of differentiation & integration of algebraic, trigonometric & logarithmic functions. Applications include measuring the position, velocity & acceleration of moving objects; population growth, compound interest & radioactive decay problems; finding volumes of complicated solids using the methods of disks & cylindrical shells. Note: Students will have the option of taking the Advanced Placement Test in May, & depending on their score, receive college credit &/or advanced placement at most colleges & universities. Grade of C or better recommended and a passing grade required for advancement.

Advanced Placement BC Calculus A & B

10, 11, 12 (Year)

Prerequisite: Advanced Pre-Calculus, or teacher recommendation

The topics covered in the AP Calculus BC course include advanced integration techniques; Parametric, polar and Vector functions; Slope Fields; Differential Equations using Euler's method; Sequence and Series Study to include geometric, Taylor and Maclaurin polynomials and extended study of applications of derivative and integral calculus. This course will prepare students to enter the last calculus course offered at most colleges and universities. Students taking this course may take the AP Calculus BC exam given by the College Board in May. Many students passing the Calculus BC exam with a grade of 3 or higher are awarded two semesters of college level calculus credit. NCAA Core.

Advanced Placement Statistics A & B

11, 12 (Year)

AP Statistics is the in depth study of data analysis, statistical inference, probability study and sample spaces. Students will learn to interpret sets of data using histograms, box and whisker plots, tables and bar graphs. Mathematical formula will be developed through the use of the statistics' capability of the TI-84 graphic calculator. Students will learn to create a statistical model of a sample space of their own creation. Much of this course will be the practice of looking at specific data and making inferential judgments on the validity of the data. Students will complete the course by having the opportunity to take several practice AP Statistics exams to prepare them for the AP Statistics exam given each May by the College Board.

Calculus A & B

11, 12 (Year)

Prerequisite: C or better in AP Calculus BC

This class is equivalent to a college level calculus course. This class will go into more depth and detail of topics already studied in Calculus BC as well as developing new topics typically seen in a college setting. New topics include but are not limited to delta-epsilon proofs, evaluating integrals with trig substitutions, volume of revolution by the shell method, higher order differential equations, partial derivatives, and double and triple integrals.

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Performing Arts

The performing arts exult the human spirit! They enhance the quality of life by engaging the imagination and allowing for personal expression. The most successful efforts to improve relations are said to be through cultural exchanges of the arts. The arts have value to offer everyone regardless of age, ability, economic and social status, or race. In addition to serving as one of the best means of relieving the tensions, stresses, and strains of contemporary life, the arts teach us to make good judgments about qualitative relationships; that problems can have more than one solution; and that small differences can have large effects. Most importantly, the arts teach us to be creative, inspiring and to be, simply, more human.

Courses Offered

- Acting
- Advanced Acting
- Concert Choir A & B
- Chamber Choir A & B
- Jazz Choir A & B
- Introduction to Voice
- Wind Ensemble A & B
- Symphonic Band A & B
- Concert Band A & B
- Color Guard
- Instrumental Jazz Ensemble A & B
- Percussion A & B
- String Orchestra A & B
- Chamber Orchestra A & B

Acting

9, 10, 11, 12 (Semester)

Theatre plays an integral role in a student's well-rounded education. In this class you will be exposed to various facets of theatre such as character analysis, scene shaping, improvisation, story theatre, reader's theatre, careers & current events in the entertainment world, theatre history, production and direction, and performance evaluation. As you work together with other actors, you will be pleasantly surprised with your own personal growth over the semester, as well as the strengthening of your performance skills. Whether you are interested in pursuing a career in the arts, plan to be involved in the arts as a hobby, or are interested in being a committed patron of the arts, this class will help you develop a deeper appreciation, understanding and application of theatre. Regardless of where life takes you after high school, you will leave this class with more confidence in yourself and in communicating and listening...skills any employer would desire to have in their employees.

Advanced Acting

9, 10, 11, 12 (Semester)

Prerequisite: Acting

Students must have passed at least one semester of Acting in order to enroll in Acting at the Advanced level. Working alongside beginning students, advanced students will be given additional performance material, as well as more elevated research tasks. Additionally, Advanced students will be expected to guide beginning-level students through several units.

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VOCAL MUSIC

Concert Choir A & B

9, 10, 11, 12 (Year)

Prerequisite: Audition and instructor approval.

Description: Concert Choir is the cornerstone choral ensemble of Mead High School. Repertoire for the select mixed choir is chosen from the entire spectrum of choral music, including new works by local and regional composers as well as music from a variety of cultures. The choir maintains a rigorous rehearsal, performance, recording, and travel schedule, touring regionally, nationally, and internationally. Membership is for the full academic year. All Mead High School students are welcome to audition. Requirements: Current membership in ASB. This course fulfills two semesters of Art. Course fee: \$200-300

Chamber Choir A & B

9, 10, 11, 12 (Year)

Prerequisite: Audition and instructor approval.

Description: Chamber Choir is a select vocal ensemble. The repertoire of the ensemble is selected from a wide range of choral literature from medieval chant to twenty-first century choral works. The goal of the ensemble is to provide artistic, meaningful, and successful choral performances. To achieve this goal, the learning objectives for individual students include attention toward individual vocal development, increased musicianship skill, and the discovery of new means of artistic expression. The ensemble keeps a demanding rehearsal, performance, recording, and touring schedule. Membership is for the full academic year. All Mead High School students are welcome to audition. Requirements: Current membership in ASB. This course fulfills two semesters of Art. Course fee: \$200-300

Jazz Choir A & B

9, 10, 11, 12 (Year)

Prerequisite: Audition and instructor approval.

Description: This is an ensemble of select vocalists and accompanists for the express purpose of singing various styles of ensemble music. May include madrigal, swing, jazz or pop. This group performs frequently at school and public functions. Participants are required to attend retreats, sectionals, extra rehearsals, concerts, recording session, and festivals as scheduled throughout the year. Enrollment is for the full academic year. All Mead High School students are welcome to audition. Zero hour. Requirements: Current membership in ASB. This course fulfills two semesters of Art. Course fee: \$500-600

Introduction to Voice

9, 10, 11, 12 (Semester)

Description: Intro to Voice is an introductory-level class engaging students in music theory, basics of singing anatomy and vocal health, and music vocabulary. This is the class for everybody – Intro to Voice is the perfect fit for those students who like music but aren't

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ready to be part of Concert Choir, Chamber Singers or Jazz Choir because of the time requirements, associated course fees, or just because they haven't yet discovered their unique voice. Students are encouraged to enroll into this class if they have a passion for music or are interested in joining one of the performing ensembles in the future. It's a great class for students who are looking forward to auditioning for upcoming musical theater productions as well. No audition and no course fees. This course fulfills a semester of Art.

INSTRUMENTAL MUSIC

Wind Ensemble A & B

9, 10, 11, 12 (Year)

Prerequisite: Audition with Director

Emphasis will be placed on performance of the best concert band literature available and development of advanced ensemble and individual playing techniques. This is the highest level concert band offered. This is a performance-based class and the "team" concept is of utmost importance. As such, attendance is required for all events that involve Wind Ensemble students. Most of these events take place outside the school day. Students must be able to commit to this course for a complete school year.

Please Note:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.
- This class will contain fees (\$135 plus ASB - \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Symphonic Band

9, 10, 11, 12 (Year)

Prerequisite: Audition with Director

Emphasis will be placed on performance of the suitable concert band literature available and development of advanced ensemble and individual playing techniques. This is the highest level concert band offered. This is a performance based class and the "team" concept is of utmost importance. As such, attendance is required for all events that involve Wind Ensemble students. Most of these events take place outside the school day. Students must be able to commit to this course for a complete school year.

Please Note:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org

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- Students will be required to adhere to a code of conduct.
- This class will contain fees (\$60 plus ASB \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Concert Band

9, 10, 11, 12 (Year)

Prerequisite: Prior experience on an instrument preferred

Emphasis will be placed on performance of the best concert band literature available and development of advanced ensemble and individual playing techniques. This is the highest level concert band offered. This is a performance based class and the “team” concept is of utmost importance. As such, attendance is required for all events that involve Wind Ensemble students. Most of these events take place outside the school day. Students must be able to commit to this course for a complete school year.

Please Note:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.
- This class will contain fees (\$60 plus \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Color Guard

9, 10, 11, 12 (Year)

Prerequisite: Qualification by tryout or permission of instructor

Emphasis will be placed on developing all types of dance skill and technique with the addition of developing skill and technique on equipment (flag, rifle and sabre). The color guard class is a performance based class and the “team” concept is of utmost importance. As such, attendance is required for all events that involve color guard students. Most of these events take place outside the school day. These performances include participation in the fall marching band season attending football games and competitions, two recital performances in each year, winter color guard season and the Lilac Parade. Students must be able to commit to this course for a complete school year.

Notes:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.

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- This class will contain fees (\$700 and ASB \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Percussion

9, 10, 11, 12 (Year)

Prerequisite: Prior experience on an instrument preferred

Emphasis will be placed on the development of technique and skill necessary to the performance of concert percussion ensemble literature, marching percussion literature and concert band. The percussion class is a performance based class and the “team” concept is of utmost importance. As such, attendance is required for all events that involve color guard students. Most of these events take place outside the school day. These performances include participation in the fall marching band season attending football games and competitions, two recital performances in each year, winter color guard season and the Lilac Parade. Students must be able to commit to this course for a complete school year.

Notes:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.
- This class will contain fees (\$155 plus ASB \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

Instrumental Jazz Ensemble

9, 10, 11, 12 (Year)

Prerequisite: Audition with director(s)

Emphasis is placed on the development of technique and skill necessary to the performance of classic and contemporary big band/combo literature. The jazz class is a performance based class and the “team” concept is of utmost importance. As such, attendance is required for all events that involve color guard students. Most of these events take place outside the school day. These performances include participation in the fall marching band season attending football games and competitions, two recital performances in each year, winter color guard season and the Lilac Parade. Students must be able to commit to this course for a complete school year.

Notes:

- For a complete listing of events, class requirements and grading policies, please refer to the Mead High School Band and Color Guard website at meadbands.org
- Students will be required to adhere to a code of conduct.

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- This class will contain fees based upon which level the student qualifies for Jazz I (\$215 - \$315 plus ASB \$45), Jazz II (\$200-300 plus ASB \$45) or Jazz III (\$50-\$100 plus ASB \$45) and will include overnight travel to festivals and performances. **Special Event trip** – There is the possibility of a special event trip in the spring of 2019. This could be in the price range of \$800 to \$1200. More information will be available in the spring of 2018.

String Orchestra A & B

9, 10, 11, 12 (Year)

Prerequisite: Minimum of three credits' prior instruction and/or experience

The String Orchestra is a group of dedicated and talented string players who desire to explore music with the most revered composers in the history of composition to the present. Students are taught the fundamental and advanced performance techniques while developing musicianship, team-work and artistic expression. The orchestra has an active rehearsal, performance and travel schedule with a wide variety of school, community and festival performances both in and out of state. Membership is for the full academic year. Current membership in ASB is required. This course fulfills two semesters of Art. Course fee: \$200-\$300

Chamber Orchestra A & B

10, 11, 12 (Year)

Prerequisite: Audition and Instructor Approval

This auditioned chamber ensemble is made up of students who demonstrate an advanced level of skill, technique and musicianship. Members are exposed to advanced string orchestra literature learning a variety of techniques and styles from the Baroque to twenty-first century periods. Students develop strong independent skills leading to mastery without a conductor. Violin and viola students must be proficient in 1st through 5th position. Cello and bass students must be proficient in 1st through 4th positions and working on proficiency in thumb position. Private lessons are recommended. The schedule is demanding with 0 hour rehearsals, variety of performances and travel. Chamber performs for the school, community and festival performances both in and out of state. **Membership is required for the full academic year due to year-long repertoire projects.** Students are expected to attend all scheduled concerts and performances. Audition dates will be posted in the spring. *NOTE: Ninth graders may participate with instructor approval only.* Current membership in ASB is required. This course fulfills two semesters of Art. Course fee: \$200-300.

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Project Lead the Way

PLTW prepares students to be the most innovative and productive leaders in Science, Technology, Engineering and Mathematics (STEM) and to make meaningful, pioneering contributions to our world.

PLTW partners with high schools to provide a rigorous, relevant STEM education. Through an engaging, hands-on curriculum, PLTW encourages the development of problem-solving skills, critical thinking, creative and innovative reasoning and a love of learning.

Mead High School is proud to offer two courses of study under the Project Lead the Way umbrella: Engineering and Biomedical Science.

Courses Offered

- Project Lead the Way – Engineering Academy
 - Introduction to Engineering Design
 - Principles of Engineering
 - Civil Engineering and Architecture
 - Engineering Design and Development with Aerospace Emphasis
- Project Lead the Way – Biomedical Sciences Academy
 - Principles of Biomedical Science
 - Human Body Systems
 - Medical Interventions
 - Biomedical Innovation

ENGINEERING ACADEMY

Introduction to Engineering Design

9, 10, 11, 12 (Year)

This course is designed to develop a student's problem solving skills with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on application of visualization processes and tools provided by modern, state-of-the-art computer hardware and software. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed and evaluated, using a Computer Aided Design System. This course will be required for entry into the PLTW Engineering Academy. This class fulfills two semesters of the Occupational Education credit, or elective credits, and may qualify for college credit.

Principles of Engineering

10, 11, 12 (Year)

Prerequisite: Must have completed Introduction to Engineering

A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. This course will be the second of four

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classes required for the PLTW Engineering Academy. This class fulfills two semesters of Occupational Education and may qualify for college credit.

Civil Engineering and Architecture

11, 12 (Year)

Prerequisite: Must have completed Principles of Engineering or Instructor's Approval

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: The Roles of Civil Engineers and Architects; Project Planning; Site Planning; Building Design; and Project Documentation and Presentation. Five college credits are offered through Eastern Washington University. **This class fulfills two semesters of Occupational Education or elective credits.** This class qualifies for an Art credit.

Engineering Design and Development with Aerospace Emphasis

12 (Year)

Prerequisite: Must have completed Introduction to Engineering or Instructor's Approval

An engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year. This is the capstone class for PLTW Engineering Academy. Four college credits are offered through Eastern Washington University. **This class fulfills two semesters of Occupational Education or elective credits.**

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BIOMEDICAL SCIENCES ACADEMY

Principles of Biomedical Science

9, 10, 11, 12 (Year)

Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. **This class fulfills two semesters of Occupational Education and may qualify for college credit.** This course fulfills the ninth-grade requirement for Foundations of Innovation and can fulfill the third year of science requirement.

Human Body Systems

10, 11, 12 (Year)

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries. **This class fulfills two semesters of Occupational Education, may qualify for college credit and can fulfill the third year of science requirement.**

Medical Interventions (MI) (Year 3 of Project Lead the Way Biomedical Sciences)

11,12 (Year)

Suggested Prerequisites: Principles of Biomedical Science

Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices,

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and diagnostics. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future. **This class fulfills two semesters of Occupational Education and may qualify for college credit.**

Biomedical Innovation (BI) (Year 4 of Project Lead the Way Biomedical Sciences)

Suggested Prerequisites: Principles of Biomedical Science or Human Body Systems of Medical Interventions

12 (year)

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. **This class fulfills two semesters of Occupational Education and may qualify for college credit.**

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Science

The Mead High School science curriculum provides learning experiences that stress the knowledge and understanding of science concepts and processes. Students will gain skills associated with laboratory investigations and be able to interpret and communicate scientific information. Students will also explore the role and application of science within society.

Courses Offered - *approved NCAA core course

- *Physical Science A & B
- *Biology A & B
- Principles of Biomedical Science A & B
- Human Body Systems A & B
- Chemistry In Our World
- *Chemistry A & B
- *Organic Chemistry (1st semester)
- *Advanced Placement (AP) Biology A & B
- *Bio Chemistry (2nd semester)
- *Physics A & B
- *Advanced Placement Physics A & B
- *Human Anatomy A & B
- *Advanced Placement Environmental Science A & B

Physical Science (IPS) A & B

9 (Year)

The purpose of this course is to give students introductory knowledge of physics, earth science and space science. In the physics area concepts covered will include: motion, force, energy and waves. Space science concepts covered include: the universe, stars, solar system and early Earth. Earth science concepts include weather/climate, natural resources and human impact. Laboratory investigations will emphasize the scientific method and measurement. **Course fulfills a physical science education credit.**

Biology A & B

9* or 10 (Year)

This class integrates concepts of biology into an ecological framework and explores organisms and their interactions. Emphasis is placed on the concepts of cells, reproduction, genetics and evolution. Structural, physiological and behavioral adaptations of organisms in ecosystems are studied. Investigations allow students to form and test hypotheses and use science skills for problem solving. This class satisfies the biology science requirement. **Course fulfills a biological science education credit.**

- Ninth-grade students may register for Biology if they are concurrently enrolled in Geometry.

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Principles of Biomedical Science A & B

9, 10, 11, 12 (Year)

Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. **This class fulfills two semesters of Occupational Education and may qualify for college credit. This course fulfills the ninth-grade requirement for Foundations of Innovation and can fulfill the third year of science requirement.**

Human Body Systems A & B

10, 11, 12 (Year)

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries. **This class fulfills two semesters of Occupational Education, may qualify for college credit and can fulfill the third year of science requirement.**

Chemistry In Our World

11, 12 (Year)

This course is designed for students who do not meet the math requirement for general chemistry or are not interested in attending a 4 year university post high school. The areas of chemistry covered in this course are similar to general chemistry, however the emphasis is more conceptual and does not include problem solving/math skills found in a traditional general chemistry course. Areas covered include: properties of matter, states of matter, atomic structure, periodic table, chemical reactions, moles, chemical equilibrium, and nuclear chemistry as well as a variety of chemistry topics that apply to our world. **Not NCAA approved for student-athletes.**

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Chemistry A & B

10, 11, 12 (Year)

Course fulfills a physical science education credit.

Prerequisite: Algebra I & Geometry (C or better), Physical Science, Biology; continuation in mathematics strongly suggested

10 (Year)

Prerequisite: Must have earned an A or B in Biology as a 9th grade student. Must be concurrently enrolled in Algebra II/Trigonometry

Chemistry is designed primarily for the college-bound student planning further study in the sciences & related technological fields. Areas covered include: concepts of matter and energy, chemical reactions, behavior of gases and kinetic theory, atomic structure, periodicity, and chemical bonding. Lab investigations will encompass observational aspects and problem solving.

Organic Chemistry/Biochemistry

11, 12 (Year)

Course fulfills .5 of a physical science education credit.

Prerequisite: Chemistry

This is an advanced elective science course designed primarily for the college bound student. This course covers the fundamental concepts of carbon based compounds. The amazing number and complexity of these compounds is due to the bonding characteristics unique to carbon. If your interests lie in the medical field, chemical/engineering, food chemistry and environmental chemistry this course should be useful to you. Organic is a branch of chemistry which is conceptual not mathematical in nature.

Topics studied will include: Chemical Bonds, hybridization, resonance, VSEPR, Acid/base, IFA, Naming and drawing alkanes/alkenes/alkynes/functional groups, Mechanism of SN₁, SN₂, E₁, E₂, addition reactions, stereochemistry, instrumentation, Redox and chemical kinetics. First semester labs will emphasize synthesis and purification with second semester labs will feature extraction, chromatography and spectroscopy.

Advanced Placement (AP) Biology A & B

10, 11, 12 (Year)

Course fulfills a biological science education credit.

Prerequisite: Biology and concurrently enrolled in Algebra II/Trigonometry

The major emphasis in the course will be a thorough development of major biological concepts, an involvement in lab activities in which students use investigative techniques, development of laboratory skills, and an examination of contemporary problems in the biological sciences and related fields. These will be taught on a freshman college level. Note: Students will have the option of taking the Advanced Placement Test in May and, depending on their score, receive college credit and/or advanced placement at most colleges and universities.

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Physics A & B

11, 12 (Year)

Course fulfills a physical science education credit.

Prerequisite: Algebra II/Trigonometry, Geometry

Physics extends the physical sciences to more abstract concepts including interactions of matter and energy, velocity, acceleration, forces, energy, momentum, thermodynamics, charge, electricity, magnetism, waves, light, optics, and subatomic physics. The subject is treated both conceptually and mathematically. Concepts are investigated through laboratory experiences and fieldwork designed for students to develop appropriate knowledge and skills in science as inquiry. Topics include motion, forces, gravity, work, energy, power, sound, light and electricity.

Advanced Placement (AP) Physics I A & B

11,12 (Year)

Course fulfills a physical science education credit.

Prerequisite: Algebra II/Trigonometry, Chemistry

Other Info: Students will take the AP exam in the spring.

This course provides a thorough introduction to algebra-based physics, in particular Newtonian mechanics. An emphasis is placed on the use of laboratory experiences to develop and further an understanding of the concepts. The course is equivalent to a first-semester college course in algebra-based physics and is not the usual preparation for more advanced physics and engineering courses. The AP Physics 1 exam covers topics in Newtonian mechanics; work, energy and power; and mechanical waves and sound. The course provides good background knowledge for engineering majors.

Human Anatomy A & B

11, 12 (Students can take this class for either a Semester or a Year)

Course fulfills .5 of a biological science education credit.

Suggested Prerequisites: Biology and IPS or Chemistry

This course is designed for the student considering a career in the health care industry and/or has an interest in the human body and science. A working knowledge of the fundamentals of human body structure and function will be taught. Each semester will focus on different human body systems (skin, skeletal, muscular, nervous, endocrine, cardiovascular, urinary) and will have separate dissections (bones, brain, eye, heart, fetal pig). There *may* be a field trip to a university cadaver lab.

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Advanced Placement (AP) Environmental Science A & B

11, 12 (Year)

Course fulfills a biological science education credit.

Prerequisite: Biology and Chemistry

AP Environmental Science (APES) aims to provide students with the knowledge and skills required to understand the interrelationships of the natural world, to identify and analyze environmental problems, and to examine potential solutions for resolving them. It is designed to be the equivalent of a one semester introductory college course in environmental science, and as such the expectations placed on students are greater than those of introductory high school science courses. APES stresses not only scientific knowledge and skills, but also emphasizes the study of environmental issues from sociological, economic, and political perspectives. Topics covered include ecosystem health, species diversity, consumption of natural resources, pollution issues, alternative energy sources, climate change, and the concept of sustainability. Additional focus is placed on preparing students to pass the AP Environmental Science Exam in May, which provides the opportunity to earn college credit and/or advanced placement at most colleges and universities.

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Social Studies

The Social Studies curriculum is designed to provide an understanding of historical accomplishments and the nature and characteristics of human behavior, language, and family life. Knowledge gained from the required and elective courses will help the student become a contributing citizen and an individual capable of successful social interaction.

Courses Offered - *approved NCAA core course

- *World History A & B
- *AP World History A & B
- *Honors Humanities of the World/Social Studies A & B
- *U. S. History A & B
- *AP U.S. History A & B
- *Honors Junior Humanities
- *Citizenship A & B
- *AP Politics & Government A & B
- *Psychology

World History A & B

10 (Year)

World History A: The first semester of World History briefly examines the ancient and classical civilizations of both the western and eastern worlds, followed by the cultural, political and social revolutions that transformed them. Throughout the semester, students will consider the impact these societies and their beliefs had on the civilizations to follow.

World History B: The second semester of World History emphasizes the emergence of the modern world. Students will determine how nationalism and imperialism fueled the events of the twentieth century and how these ideas have created the current global environment.

These classes, if taken both semesters, satisfy the sophomore social studies requirement.

Advanced Placement (AP) World History A & B

10 (Year)

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study.

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Honors Humanities of the World/Social Studies A & B

10 (Year, Two-period block)

Introduction to the study of world cultural and social development through history, literature, music, art, drama, and philosophy. This program will use an integrated, team-taught approach to increase historical awareness through understanding of cultural and social development. It will heighten aesthetic sensitivity through exposure to a variety of artistic expressions, and stimulate intellectual growth by contact with diverse ideas. Students will be encouraged to think and work creatively as they address the themes and questions that resonate throughout history and the arts. Expectations are high, but all who are willing to work and learn are welcome. Note: Cross-referenced under English. This course, if taken both semesters, will satisfy the sophomore social studies requirement.

U.S. History A & B

11 (Year)

U. S. History A includes the history of American life, including constitutional, political, social, economic, and cultural development from Industrialization through the Great Depression. U.S. History B continues the overview of American life focusing on the time period from World War II to the present.

Advanced Placement (AP) U.S. History A & B

11 (Year)

This course is a freshman, college-level United States History class. Students will study the history and government of the United States from colonization to the present. Emphasis will be on historical research of both primary and secondary natures. The writing of historical thesis essays will also be taught and practiced. Students are encouraged to take the Advanced Placement American History exam in May and, depending on their score, receive college credit and/or advanced placement at most colleges and universities throughout the United States. This class fulfills the junior year U.S. History requirement and also may be taken as a senior elective choice. This class does not satisfy the senior social studies requirement.

Honors Junior Humanities

11 (Year, Two-period block)

Honors Junior Humanities examines the history, literature, philosophy, music, and art that influenced the development of the United States. The themes Nature of Truth, Questions of Justice, Implications of Progress, and Individual/Collective Identity are explored in depth. The requirements for this course include a high level of participation in daily lessons, and the willingness to question, investigate, and think both critically and creatively. Honors Junior Humanities is team-taught during a two period block with an integrated curriculum. This course, if taken both semesters, may be used to satisfy the junior year English and Social Studies requirements.

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Citizenship A & B

12 (Year)

What does it mean to be a citizen of the United States? What is your role as a citizen within your home, school, community, state, country, and in the world? American Citizenship class provides you with the opportunity to explore these questions in your search for answers. Over the course of the school year, you'll learn about the foundations of our country at the **local**, state and federal level, and will be given the opportunity to register to vote and participate in the electoral process. You'll delve into issues like Human Rights, the Environment and Globalization. You will learn where we, as a country, are headed, and how you can be an integral part of that dynamic journey. Beyond the classroom curriculum, you will also work toward completing your Citizenship inventory as you prepare for your Senior Presentation near the end of the year.

AP U.S. Government and Politics A & B

12 (Year)

This class is a college level course that includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. The course will give students familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Note: Students will have the option of taking the Advanced Placement Test in May and, depending on their score, receive college credit and/or advanced placement at most colleges and universities. This course satisfies the senior social studies requirement.

Psychology

10, 11, 12 (Semester)

This course is an introduction to basic psychology and an exploration of human behavior. This is an elective social studies class.

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Special Education

The following courses are available for students who qualify through the Mead School District Special Services Department. These courses help students meet requirements in math, English and vocational areas for graduation.

Courses Offered

- Life Skills
- Resource English
- Resource Math
- Work Based Learning
- Developmental Learning Center (DLC)

Life Skills

9, 10, 11, 12 (Year) Two hours

Prerequisite: Students must qualify through the District Special Services Department

Instructions will be directed toward students acquiring the personal-social, daily living, and occupational skills needed to live healthy and productive lives. Students will be exposed to a variety of activities aimed toward being responsible for ones actions, managing emotions, developing communication skills, making healthy decisions and solving problems.

Resource English

9, 10, 11, 12 (Year)

Prerequisite: Students must qualify through the District's Special Services Department

Instruction will emphasize reading and/or written language appropriate to each individual student's level. Instruction is provided in a smaller learning environment and on an individual basis. Teaching will address individual learning needs with concepts taught through multiple intelligences to develop study skill techniques and remediate reading and/or writing deficits.

Resource Math

9, 10, 11, 12 (Year)

Prerequisite: Students must qualify through the District's Special Services Department

This class provides an individualized math program to remediate and maintain student's abilities in math-computation and reasoning skills. Students will be instructed in basic math skills through introductory algebra for independent living and occupational success.

Work Based Learning

11, 12 (Semester)

Prerequisite: Students must qualify through the District's Special Services Department, Permission of Instructor

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Qualified students will have an opportunity to gain a better understanding of, and experience the real world of work. These experiences range from a student's first opportunity to experience on-the-job training in the district and/or out in the community. An emphasis is placed on developing personal-social skills and attitudes for success in the work place. Students work for credit/grade. Whenever possible, transportation is provided.

Developmental Learning Center (DLC)

Prerequisite: Students must qualify through the District's Special Services Department for placement in the program.

Freshman through age 21 (Year) 5 hours

The Developmental Learning Centers, or DLC's, are District wide programs for students who qualify for special education services and have an Individualized Educational Program (IEP). The curriculum is highly individualized and based on each student's IEP. All of the programs in the DLC are non-graded. Students enrolled in Mead High School's Developmental Learning Center programs are provided with a continuum of services to meet their individual needs.

Students in 9th and 10th grade focus on functional academics, communication skills, and development of social and adaptive skills. Students also participate in monthly community outings in order to learn and practice appropriate social behavior in the community. Students receive training provided by the Spokane Transit Authority (STA) on how to ride and use the bus services. Students focus on skills needed in the community in order to support their individual goals of independence and self-advocacy.

As students' progress into 11th and 12th grade, they continue to work on academic skills, functional academics, adaptive social skills, and communication skills based on their individual needs. Students participate in a work based learning program within our building and in the community. Students are provided the opportunity to work on prevocational skills in order to best support their post-secondary goals and to prepare them for the transition program. Instruction in community- based learning is provided and access to the community occurs on a weekly basis. Students focus on skills needed in the community in order to support their individual goals of independence and self-advocacy.

Once the students reach the 12th grade and beyond, they become eligible to be a part of Project DISCOVER, Mead High School's DLC Transition Program. Students enrolled in Project DISCOVER have typically completed 4 years of high school, passed state tests, and have walked in their Graduation Ceremonies. During their 3 years in Transition, students will learn to work from 9-15 hours per week at Internships with local businesses. This program also includes instruction in self-awareness, independent living skills and self-advocacy skills. Students also begin building connections with community agencies who can provide support for them as they age out of high school and become independent members of the community. Upon completion of this program, students will have

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completed a Transition Portfolio which includes a cover letter, resume, list of references, a skills and accommodations document and worksite photos.

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World Languages

Communication and cultural understanding become essential as we enter the 21st century. Because of technology, transportation and trade, language learning and proficiency are important tools in both our careers and daily lives. Due to the colleges' and real world's emphasis on language proficiency—actually using the language to communicate—the Mead High School World Language Department highly recommends a minimum of three credits, and preferably four, same-language study. Colleges often test language proficiency at entrance.

*Eastern Washington University Partnership (Levels III & IV) - Students may choose to take level III and level IV courses for 5 quarter credits through Eastern Washington University in addition to receiving Mead High School credit. All courses are taught at Mead High School using EWU's curriculum. Students must register for 6 classes to be eligible for the college credit. Students purchase their own textbooks if the course is taken for college credit.

Courses Offered - *approved NCAA core course

- *French I A & B
- *French II A & B
- *French III A & B
- *French IV A & B
- *German I A & B
- *German II A & B
- *German III A & B
- *German IV A & B
- *Spanish I A & B
- *Spanish II A & B
- *Spanish III A & B
- *Spanish IV A & B

French I A & B

9, 10, 11, 12 (Year)

This class provides students with a basic knowledge of French and the culture of prominent French speaking countries. It focuses on the acquisition of practical communicative skills. Basic grammar and essential vocabulary are taught through gestures, games, stories, and songs. Students learn to communicate effectively and with confidence in French on a limited range of topics relating to everyday situations.

French II A and B

10,11, 12 (Year)

Prerequisite: Proficiency in French I

The aim of French II is to continue the adventure of French I. This class continues to focus on the acquisition of practical communicative skills, expanding on vocab themes and introducing more complex grammatical structures. Students will be speaking and writing

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in the past as well as the present and immediate future. Culture and theme units include fashion and shopping, travel, leisure time, seasonal activities, and daily routine at home and abroad. The students will be introduced to French literature as we begin to read short stories. We will continue to strengthen our conversational skills through role play and games.

French III A and B

11,12 (Year)

Prerequisite: Proficiency in French II

This class is a continuation of French I and II, and provides an increased emphasis on French literature and conversation. Reading selections and novels are used as a basis for further oral, written and cultural study. French III and French IV will work together in a combined class using an alternating curriculum. Students will focus on increasing proficiency in reading, writing, speaking and listening. We will continue to examine French culture and increase our listening comprehension through a selection of French films and music.

French IV A and B

12 (Year)

Prerequisite: Proficiency in French III

This class continues the emphasis on fluency and comprehension of major French literary works. French III and French IV will work together in a combined class using an alternating curriculum. Students will continue to focus on fluency and proficiency in reading, writing, speaking, and listening. This class will continue to challenge students to expand on their cultural understanding of prominent French speaking countries through literature, conversation, film, music, and role play.

German I A & B

9, 10, 11, 12 (Year)

Students will be introduced to the language and culture of the German speaking countries of the world. This course will develop the four essential language skills of oral comprehension, speaking, reading, and writing. Focus will be on topics surrounding the student including: family, school, clothing, hobbies, sports, house and home.

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German II A & B

10, 11, 12 (Year)

Prerequisite: Proficiency in German I

Students will expand their knowledge of the language and culture of the German speaking countries of the world. This course will further develop the four essential language skills developed in the first year. Emphasis will be on oral and written work. Students will embark on a fictitious trip to Germany communicating in real-life scenarios including: checking in at an airport, train station, and hotel, purchasing tickets to a concert, film, and performance, ordering from a restaurant and shopping in a grocery store.

German III A & B

11, 12 (Year)

Prerequisite: Proficiency in German II

Students will further expand their knowledge of the language and culture of the German speaking countries of the world. This course will allow students to review and integrate the four essential language skills. Students will be expected to refine their skills and work toward greater proficiency. Students will be working in a combination 3rd & 4th year program using alternating curriculum. Odd year starts will be focused on the culture, music and history of Germany. Even year starts will be focused on the language, literature and film of Germany.

German IV A & B

11, 12 (Year)

Prerequisite: Proficiency in German III

Students will further expand their knowledge of the language and culture of the German speaking countries of the world. This course will allow students to review and integrate the four essential language skills. Students will be expected to refine their skills and work toward greater proficiency. Students will be working in a combination 3rd & 4th year program. Odd year starts will be focused on the culture and history of Germany. Even year starts will be focused on language, literature and film of Germany.

Spanish I A & B

9, 10, 11 (Year)

Students will be introduced to the language and culture of Spanish-speaking countries through listening, speaking, reading, and writing in the present tense. Various interactive learning methods will be used in this foundation course in order to create and enhance student comprehension of the language. Topics of study will include school, weather, clothing, food, family, and home. It is recommended that students pass Spanish I with at least a "C" in order to advance to Spanish II.

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Spanish II A & B

9, 10, 11, 12 (Year)

Prerequisite: Proficiency in Spanish I

This course advances student understanding of the vocabulary, grammar, and cultural studies of Spanish I through the use of various interactive learning methods. Students will deepen their proficiency levels as they focus on listening, speaking, reading, and writing the target language in both the present and the past tenses. Topics of study will include technology, sports, body, travel, and outdoor activities. It is recommended that students pass Spanish II with at least a “C” in order to advance to Spanish III.

Spanish III A & B – Spanish 103 (EWU)

10, 11, 12 (Year)

Prerequisite: Proficiency in Spanish II

This course focuses on increasing knowledge of vocabulary and grammatical concepts, as well as improving comprehension and speaking skills. Students will engage in situations and role-play to bring the vocabulary and grammar to life. Themes in short readings include customs, history and the environment of the Spanish speaking countries around the world. Online resources, tools and telenovelas complement learning and a Supersite access key is required for purchase.

*This course is accredited through Eastern Washington University and 5 EWU credits are available at a discounted student rate for purchase. These credits are transferable college credits.

Spanish IV A & B – Spanish 113 (EWU)

11, 12 (Year)

Prerequisite: Proficiency in Spanish III

Students will engage in intensive oral work to develop towards fluency. Short stories and poetry will enrich students’ cultural awareness of poverty, immigration, social justice and war. All previous grammar will be reviewed through the context of our readings, movies and documentaries. This class will be conducted primarily in Spanish. Authentic Spanish media such as news, film and music will enhance cultural appreciation.

*This course is accredited through Eastern Washington University and 5 EWU credits are available at a discounted student rate for purchase. These credits are transferable college credits.

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Course Selections – 2018/2019

Art

Beginning Art (S, 9-12)
Advanced Art (S, 9-12)
Jewelry (S, 9-12)
Ceramics (S, 9-12)
Digital Media (S, 10-12)
Advanced Digital Photography (S, 10-12)
Italicized courses may be taken multiple times.

Math

Algebra I A & B (Y, 9-12)
Geometry A & B (Y, 9-12)
Alg.II/Trigonometry A & B (Y, 9-12)
Algebra II (Y, 11-12)
Bridges to College Math (Y, 12)
Financial Math (Y, 11, 12)
Pre-Calculus A & B (Y, 9-12)
Calculus A & B (Y, 11, 12)
Statistics A & B (Y, 11, 12)
Advanced Pre-Calculus A & B (Y, 10-12)
AP Calculus AB (Y, 10-12)
AP Calculus BC (Y, 10-12)
AP Statistics (Y, 11-12)
Resource Math A & B (Y, 9-12)

Performing Arts

Acting (S, 9-12)
Advanced Acting (S, 9-12)
Concert Band (Y, 9-12)
Symphonic Band (Y, 9-12)
Color Guard (Y, 9-12)
Wind Ensemble (Y, 9-12)
Instrumental Jazz Ensemble (Y, 9-12)
Percussion (Y, 9-12)
Concert Choir (Y, 9-12)
Chamber Choir (Y, 9-12)
Jazz Choir (Y, 9-12)
Introduction to Voice (S, 9-12)
String Orchestra (Y, 9-12)
Chamber Orchestra (Y, 10-12)
Italicized courses may be taken multiple times.
All music courses fulfill an art credit.

English

English 9 (Y)
Honors English 9 (Y)
English 10 (Y)
Hon. Soph Humanities (Y)
Honors English 10 (Y)
Honors Junior Humanities (Y)
English 11/American Literature A & B (Y, 11)
Advanced Placement (AP) Literature (Y, 12)
Advanced Placement (AP) Language (Y, 11, 12)
English 12/British Literature A & B (Y, 12)
Mythology and English Comp IV (Y, 12)
Coming of Age and Creative Writing (Y, 12)
Bridge to College English Language Arts (Y, 12)

Career Technical Education (CTE)

Entrepreneurship (S, 9-12)
Advanced Entrepreneurship (S, 9-12)**
AP Computer Science (Y, 10-12)
AP Computer Science Principles (Y, 10-12)
Graphic Design (S, 11, 12)
Intro to Programming (S, 9-12)
Principals of Advertising (S, 9-12)
Int'l Marketing Student Store (S, 11, 12)
Food and Wellness (S, 9-12)
ProStart Level I
ProStart Level II
Careers in Education (Y, 10-12)
Financial Math (Y, 11, 12)

Social Studies

World History A & B (Y, 10)
AP World History A & B (Y, 10-12)
Honors Humanities History (Y, 10)
Honors Junior Humanities (Y, 11)
U.S. History A & B (Y, 11)
AP U. S. History A & B (Y, 11-12)
Citizenship A & B (Y, 12)
AP Government & Politics A & B (Y, 12)
Psychology (S, 10-12)

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Health and Fitness

P.E. 9-10 (S, 9-12)
Weights (S, 9-12)
PATH* Health, Only (S, 9-12)
Nutrition & Fitness (S, 9-12)*Health or PE
Racquet Sports (S, 9-12)
Yoga/Pilates (S, 10-12)
Volleyball (S, 9-12)
Online Fitness (S, 10, 11)

Science

Physical Science (IPS) A & B (Y, 9-12)
Biology A & B (Y, 9-12)
Principles of Biomedical Science
Human Body Systems
Chemistry A & B (Y, 11-12)
Chemistry In Our World (Y, 11, 12)
Organic Chemistry/Biochemistry (Y, 12)
Physics (Y, 11-12)
AP Physics (Y, 11-12)
AP Environmental Science (Y, 11-12)
AP Biology (Y, 10-12)
Human Anatomy (S, 12)

Project Lead the Way

1. Intro. to Engineering Design (Y, 9-12)
 2. Principles of Engineering (Y, 10-12)
 3. Civil Engineering & Architecture (Y, 11-12)
 4. Engineering & Design Devel. (Y, 12)
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1. Principles of Biomedical Science (Y, 9-12)
 2. Human Body Systems (Y, 10-12)
 3. Medical Interventions (Y, 11)
 4. Biomedical Innovation (Y, 12)

World Languages

Spanish I A & B (Y, 9-12)
French I A & B (Y, 9-12)
German I A & B (Y, 9-12)
Spanish II A & B (Y, 9-12)
French II A & B (Y, 9-12)
German II A & B (Y, 9-12)
Spanish III A & B (Y, 9-12)
French III A & B (Y, 9-12)
German III A & B (Y, 9-12)
Spanish IV A & B (Y, 11, 12)
French IV A & B (Y, 11, 12)
German IV A & B (Y, 11, 12)

Electives

Breakthrough (S, 10-12)
Beginning Sports Medicine (S, 9-12)
Advanced Sports Medicine (S, 9-12)
Debate/Speech (Y, 9-12)
Interpersonal Communication/Speech (S, 9-12)
Peer Tutor (S, 11, 12)
Link Crew Leadership (S, Y, 11, 12)
Color Guard (S, 9-12) (Audition Req.)
Dance Team (Y, 9-12) (Audition Req.)
Leadership (S, 9, 10)
Late Arrival or Senior Release (S, 12)
Stagecraft (S, 9-12)
Yearbook Production (Y, 11, 12)

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| CLASSES | REQUIRED CREDITS | |
|--|------------------|---|
| | Classes of 2019 | Class of 2020 and Beyond |
| English | 4 | 4 |
| Mathematics | 3 | 3 |
| Science | 2 | 3 |
| Social Studies** | 3 | 3 |
| Arts | 1 | 2 |
| Health - Fitness | 2 | 2 |
| Career and Technical Education | 1 | 1 |
| Electives | 6 | 4 |
| World Language or Personalized Pathway Requirement | 0 | 2 |
| Total Required Credits | 22 | 24 <i>(Up to 2 credits can be waived locally based on a student's unusual circumstances.)</i> |

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CTE Statewide Course Equivalencies

Mathematics Equivalencies

| CTE Course/Framework | Equivalency |
|---|--------------------------|
| Engineering Design 1 | Algebra 1 * |
| Consumer and Family Resources | |
| Applied Algebra 1 | |
| Financial Math | |
| Animation Technology Video Graphics | Geometry * |
| Video Game Design/ Digital Computer Animation | |
| Residential Carpentry | |
| Applied Algebra 2 | Algebra 2 * |
| Computer Programming | 1 credit beyond Geometry |
| Business Statistics | Statistics |

Science Equivalencies

| CTE Course/Framework | Equivalency |
|--|-------------------------|
| Animal Science | Biology or lab science* |
| Plant Science | |
| Natural Resources | |
| Natural Resources Management & Policy | |
| Food Science, Dietetics, and Nutrition | Lab science |
| Biomedical Sciences | |
| Biomedical-Body Systems | |
| Veterinarian Assistant | |
| Nursing Assistant | |
| Principles of Technology Applied | Physics or lab science |
| Computer Programming | Science |

*Required courses

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State Assessments

Over the past few years the state of Washington assessment requirements and methods have been transitioning. The High School Proficiency Exam (HSPE), has been replaced with an online test aligned to the Washington State Learning Standards in English Language Arts (ELA) and Math. These new tests are called Smarter Balanced Assessment or SBA. SBA tests measure critical state standards in language arts and math, and will also replace the end of course assessment (EOC) testing in math entirely, by 2019. Until then students must pass the state standard in math with either the EOC or the SBA. Washington State continues to require students to pass the biology EOC to graduate from high school.

Class of 2019 and beyond need:

- ***SBA ELA***
- ***SBA Math***
- ***Biology EOC***

The EOC and SBA will each be administered twice a year. Both will be administered school-wide in the spring. If students are unsuccessful in their initial attempt they will be able to take the SBA exam again in November of the following year and the EOC in January of the following year. This pattern will continue until the student is successful in meeting standard.

Additionally, there are other options that we employ to assure that all students meet state requirements. These methods fall under the CAA and CIA, and can be found on the OSPI website.

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Four-Year Planning Document

Taking the time to craft a four-year course of study is highly recommended for all students at Mead High School. Listed below is a sample four-year plan for a student hoping to gain acceptance to a four-year college upon graduation.

Ninth-Grade Year

| Semester One | Semester Two |
|---------------------|---------------------|
| English | English |
| Science | Science |
| Math | Math |
| Art | PATH |
| Health - Fitness | Health - Fitness |
| Elective | Elective |

Tenth-Grade Year

| Semester One | Semester Two |
|-----------------------------------|-----------------------------------|
| English | English |
| World History or AP World History | World History or AP World History |
| Math | Math |
| Science | Science |
| World Language | World Language |
| CTE | CTE |

Eleventh-Grade Year

| Semester One | Semester Two |
|---------------------------------|--------------------------------|
| English – Choose from Core Four | English– Choose from Core Four |
| US History or AP US History | US History or AP US History |
| Math | Math |
| Science | Science |
| World Language | World Language |
| Art | Elective |

Twelfth-Grade Year

| Semester One | Semester Two |
|---------------------------------|---------------------------------|
| English | English |
| Citizenship or AP US Government | Citizenship or AP US Government |
| Math | Math |
| Science | Science |
| Art | Art |
| Elective | Elective |

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