

UPPER SCHOOL COURSE BOOK

2019-2020

Marshall School

**Marshall School
2019-2020 Course Descriptions**

MARSHALL SCHOOL MISSION STATEMENT

The mission of Marshall School is to educate students to become global citizens who demonstrate strong academic habits, respect, compassion, integrity, self-discipline, and intellectual curiosity.

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2019-2020 Course Descriptions

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UPPER SCHOOL COURSE REQUIREMENTS

9th Grade

English 9 (or Honors).....	1 credit
Mathematics *	1 credit
Biology (or Honors).....	1 credit
World Religions.....	½ credit
American Government.....	½ credit
Health and Physical Education (A) and (B)	1 credit (may be taken in 10 th grade)

10th Grade

American Literature (or Honors).....	1 credit
Mathematics *	1 credit
Chemistry (or Honors)	1 credit
U.S. History 10 (or Hon U.S. History 10)	1 credit
Ethics	½ credit
Health and Physical Education (A) and (B)	1 credit (if not taken in 9 th grade)

11th Grade

English 11 (or Honors British Literature).....	1 credit
Mathematics *	1 credit
Science *.....	1 credit
European History (or Hon European History)	1 credit

12th Grade

English 12 (or AP English)	1 credit
Mathematics *	1 credit
Science *.....	1 credit
U.S. History 12 (or Hon U.S. History 12)	1 credit

To Be Completed Before Graduation

World Language	2 credits (must be 2 credits of same language in upper school)
Fine Arts.....	1 credit (including ½ credit visual arts)
Computer Science.....	½ credit
Marshall Community Service Hours	10 hours/year

*Level determined by department

All students must successfully complete 5.5 credits yearly, a total of 22 credits in grades 9-12, in order to graduate. Classes that are not scheduled as part of a regular class period may not be counted as part of the 5.5 credits. Ordinarily, students may not retake prior courses for part of the 5.5 yearly credits. Please review the course offerings for specific departmental requirements.

Students enrolled in AP courses are expected to take the AP exam for that course in May. There is a nominal fee associated with taking each AP exam, usually around \$55 per exam. Exact fees are determined each spring, are the responsibility of the student's family, and are automatically added to the student's billing account.

All course offerings and sections are based on likely enrollment. Sections may be canceled or added based on enrollment. The School reserves the right to change student schedules when section enrollment or staffing needs warrant such.

Requirements for Graduation

English	4 credits
World Language.....	2 credits (must be 2 credits of same language in upper school)
Mathematics (including Geometry and Algebra 2).....	3 credits
Social, Religious, & Ethical Studies	4½ credits
Science.....	3 credits
Fine Arts.....	1 credit (including ½ credit in visual arts)
Health and Physical Education	1 credit
Computer Science	½ credit (or pass technology portfolio)
Electives.....	3 credits
Community Service.....	10 hours/year

Community Service Requirement

The Community Service Requirement is an extra-curricular service requirement for all Upper School students. Its purpose is to provide experiences that will enable students to learn the inherent value of our society's highest ideals: serving others and the community. This concept is put into practice through organizational participation or individual initiative. Service must be pre-approved by the student's Class Dean or take place at a Marshall pre-approved location. Employment for pay and helping family members or relatives are not included, nor is any service that is part of an organized course, extracurricular activity, or club. Students are required to complete a Community Service Verification Form, with a supervisor's signature, for each service project they complete.

- Students must complete at least 10 hours of service for each year of attendance at Marshall School. Candidates for the National Honor Society (NHS) are required to submit 25 hours total in the year of induction. Please see the NHS advisor for more information.
- Student service projects must engage students in activities that meet the needs of others in some discernible way.
- The student is personally responsible for keeping track of and reporting the completion of required hours to his/her class dean by published and announced due dates. The official service hour verification form must be filled out completely by the student (including signatures) for hours to be credited.
- A maximum of half of a student's hours may come from service done directly with the school. The other half must come from off-campus opportunities at pre-approved non-profit organizations.
- Students completing more than 100 hours of service in one school year (including the summer before) qualify for the Centurion Award. This prestigious award recognizes students who complete a significant amount of service within a single school year. Service hours to be applied to the Centurion Award must be verified by the student's class dean by the last Thursday in April each year.

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FINE ARTS

Mission and Vision: The Fine Arts Program at Marshall School provides a creative environment with opportunities for students through music, visual art, and theater. The curriculum instills life-long appreciation for the fine arts, cultivates discipline, fosters enduring character traits, and equips students with skills of creativity, critical thinking, communication, and collaboration.

Philosophy: The Fine Arts Program at Marshall School provides a creative environment with hands-on opportunities for students through music, visual art, and theater. The curriculum is designed to develop fundamental skills within the fine arts, fostering creativity and curiosity through problem solving, critical thinking, and creative responses to complex themes. Fine Arts faculty maintain active artistic lives and bring real-world experience into the classroom. They also strive to provide opportunities through enriched fine arts experiences with local and international artists. Students are guided to become independent learners, lifelong participants, and appreciative patrons of the fine arts.

VISUAL ARTS

All studio art courses emphasize hands-on art making activities but also include slide presentation and discussion of cultural or historical art as context. Aesthetics and art criticism are studied and practiced as part of each art course. Certain art courses will integrate technology using a variety of computer software programs enhancing visual literacy and building technological fluency.

Visual Arts Requirements

One credit of Fine Arts, ½ of which must be in visual arts, is required for graduation.

Drawing and Painting I/II

Course number: 152/153

Credit: ½ credit

Grade level: 9-12 Elective

Students engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and art production leading to the creation of a portfolio of quality artworks. Students create drawings and paintings from real objects using observational techniques with the intention of creating realism. Level I utilizes processes such as sketching, rendering, contour, gesture, and perspective drawing. Media used includes, but are not limited to pencils, charcoal, colored pencils, watercolor/guache and acrylic paint and canvas. Students in level II begin to develop a personal voice in their work. Media used include, but are not limited to, oils, acrylics, watercolor, pastels, and collage.

Honors Drawing and Painting III/IV

Course number: 165/175

Credit: ½ credit

Grade level: 10-12 Elective

Prerequisite: Drawing and Painting II and recommendation

Students in Honors Drawing and Painting III will select a medium as their primary focus for the term. Students will build a portfolio encompassing a large body of work

demonstrating mastery in the media of their choice: drawing: ink, charcoal, pencil, marker, etc., painting: acrylics, ink, oil, watercolor, etc. An AP Portfolio can be created through the duration of this course.

Ceramics I /II

Course number: 154/164

Credit: ½ credit

Grade level: 9-12 Elective

Students in Ceramics I engage in sequential learning experiences that encompass art history, criticism, design, and aesthetics through the medium of clay. Ceramics I focuses on various hand-building techniques, while Ceramics II fuses alternative methods of firing, hand building sculptural forms, and throwing on the wheel.

Honors Ceramics III/IV

Course number: 185/186

Credit: ½ credit

Grade level: 9-12 Elective

Prerequisite: Ceramics II and recommendation

Students in Ceramics III continue their engagement with clay through sequential learning that further explores art history, criticism, design, and aesthetics of clay. This course fuses alternative methods of firing, hand building sculptural forms, and throwing on the wheel. Students will investigate texture and form through various types of clay including stoneware, stoneware with ochre and porcelain.

Videography I/II

Course number: 180/181

Credit: ½ credit

Grade level: 9-12 Elective

Students in Videography learn to use elements and tools of current and emerging technologies (iMovie, Photoshop, Final Cut Pro, etc.) to create works that express their ideas. They engage in sequential learning experiences that encompass film history, film & art criticism, and short film production leading to the creation of a portfolio of quality works. Students are challenged to appreciate, analyze and create works through the moving image, stop-motion animation, sound, photography, digital arts and interactive media. This includes making digital art for websites, blogs, newsletters, and events. Students will learn to use digital video cameras, lighting, equipment, staging techniques and software applications. Media used will include but not be limited to: animation, GIF, title sequencing, short film, advertisements and media arts.

Honors Videography III/IV

Course number: 182/183

Credit: 1/2 credit

Grade level: 9-12 Elective

Prerequisite: Videography II and recommendation

Students in Honors Videography III will select a film style/ medium as their primary focus for the term. Students will build a portfolio encompassing a large body of work demonstrating mastery in the media of their choice i.e. documentary film, animation, advertisement, short film.

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Photography I/II

Course number: 159/168

Credit: ½ credit

Grade level: 9-12 Elective

Students in Photography I create photographs using a variety of tools and processes. Students will explore basic photography, including 35mm camera and computer techniques, composition, history, and ways of interpreting a variety of subject matter. NOTE: Students will be expected to purchase supplies for this course. Specific information concerning camera requirement is available from the instructor.

Honors Photography III/IV

Course number: 169/170

Credit: ½ credit

Grade level: 9-12 Elective

Prerequisite: Photography II and recommendation

Students in Honors Photography III create photos, films, and videos using a variety of photographic techniques. Emphasis on digital photography and technical work as well as alternative processes and image manipulation will be the focus. NOTE: Students will be expected to purchase supplies for this course. Specific information concerning camera requirement is available from the instructor. An AP Portfolio can be created through the duration of this course.

Graphic Design I/II

Course number: 176/177

Credit: ½ credit

Grade level: 9-12 Elective

Students in Graphic Design engage in understanding visual literacy, art history, contemporary design and aesthetics. Students explore typography, logo design, illustration, video, and photography to create innovative ways to communicate through art and graphic design. Class includes hand building projects and utilizing computer software such as Photoshop, Illustrator, Bridge, iMovie, etc.

Honors Graphic Design III/IV

Course number: 178/179

Credit: ½ credit

Grade level: 10-12 Elective

Prerequisite: Graphic Design II and recommendation

Students in Graphic Design engage in sequential learning experiences that encompass art history, criticism, design, and aesthetics. Students continue to learn skills of commercial design including 2-dimensional and 3-dimensional design practices. An AP Portfolio can be created through the duration of this course.

AP Studio Art

Course number: 100

Credit: 1 credit (requires full year commitment)

Grade level: 11-12 Elective

Prior to recommendation for enrollment, student must have taken at least one honors art class, 3 art classes, and /or demonstrate, the spring prior, a comprehensive portfolio. Student must be knowledgeable in visual processes and principles and be able to work independently to build a portfolio for submission to the Advanced Placement board.

MUSIC

The music program at Marshall includes band, choir, orchestra, jazz band, chamber singers, and chamber strings. The overall focus is to promote musicianship and foster a deeper understanding and appreciation of music. Students are encouraged to develop strong independent practice habits, respect each other's varied talents and abilities, and learn the value of music in culture and daily life.

Concert Choir

Course number: 106

Credit: 1 credit

Grade level: 9-12 Elective

Concert Choir is open to students who enjoy singing and have an appreciation for learning choral music literature of various styles, cultures, and languages. Expectations include concert attendance, daily participation, continued progress in vocal technique and development through voice lessons, and attendance at outside arts events. Students participate by singing in a large group ensemble. Singers develop correct vocal techniques by incorporating vocal warm-ups, physical stretches, solfege, sight singing, and music theory into daily rehearsals. The repertoire includes choral literature that teaches the mechanics of vocal production, builds musicianship, and develops an ability to blend and sing in harmony, which demonstrates the aesthetics of music. The choir participates in three major concerts throughout the year, school chapel services, community events, and the MSHSL Large Group Music Contest.

Honors Concert Choir

Course number: 105

Credit: 1 credit

Grade level: 10-12 Elective

Prerequisite: Director's recommendation

Honors Choir students are members of the Concert Choir. These advanced singers have reached an outstanding level of musicianship and serve in leadership roles. These students study individually using advanced solo literature to be performed at the MSHSL music contest.

Chamber Singers

Course number: 147

Credit: ½ credit per year

Grade level: 10-12

Prerequisite: Concert choir member; audition

Chamber Singers are a small balanced group of vocal singers selected by audition, usually selected from the Concert Choir. Rehearsal times occur during the school day during lunch and CT but special practices may be called outside of the school day if needed, so a high degree of commitment is expected. The Chamber Singers perform for school events, chapels, concerts, community events, sporting events, and the MSHSL Music Contest.

Concert Orchestra

Course number: 117

Credit: 1 credit

Grade level: 9-12 Elective

This course has students perform daily in large group and small ensembles. Students work on improving their musical

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skills for string instruments by playing a variety of musical styles, improvising, composing, music listening, and incorporating music theory and music history. The orchestra participates in three major concerts throughout the year, school events, community events and the MSHSL Large Group music contest. Advanced students in orchestra have the opportunity to also participate in Chamber Strings.

Honors Concert Orchestra

Course number: 118

Credit: 1 credit

Grade level: 10-12 Elective

Prerequisite: Recommendation of director

Honors Orchestra students are members of the Concert Orchestra. They are selected by audition. These advanced strings students have reached an outstanding level of musicianship and serve in leadership roles in their respective sections. These students fulfill all the requirements of Concert Orchestra and also participate in Chamber Strings as part of the requirement of this honors course. These students study privately and are also required to perform a solo at the MSHSL music contest.

Concert Band

Course number: 126

Credit: 1 credit

Grade level: 9-12 Elective

Concert Band's focus is the continued development of each student's musicianship and musical knowledge. All Concert Band students are exposed to the study of serious concert music and lighter popular arrangements as well as elements of pep band, marching band, and solo/ensemble contest. They are also offered the opportunity to participate in the Minnesota Music Listening Contest and Jazz Band. The band performs regularly at concerts, athletic events, assemblies, parades, ceremonies, and chapel services.

Honors Concert Band

Course number: 127

Credit: 1 credit

Grade level: 10-12 Elective

Prerequisite: Recommendation of director

In addition to the requirements of Concert Band, students enrolled in Honors Concert Band must maintain a very high level of musicianship, engage in additional practice hours, and perform a solo at the solo/ensemble contest. They must also take a leadership role in the band and design at least one major project under the supervision of the director.

Jazz Band

Course number: 136

Credit: ½ credit per year

Grade level: 9-12 Elective

Prerequisite: Audition or approval of director (open to saxes, trombones, trumpets, piano, guitar, bass, and percussion)

Jazz Band meets on an arranged schedule both inside and outside of the school day. Music is selected and performed with variety of style and improvisation in mind. The Jazz Band performs at each of the three concerts during the year as well as for solo/ensemble contest and various other events.

COMPUTER SCIENCE

Students may satisfy the Computer Science graduation requirement either by passing a Computer Science course or by successfully completing the Technology Proficiency Portfolio. If a student does not demonstrate technology proficiency prior to fall semester of the senior year, the student will be required to enroll in a Computer Science class.

Technology Proficiency Portfolio

Course Number: 224

Credit: No credit awarded

Grade level: 9-11

Students may demonstrate their technology proficiency through a portfolio-based system using a modified version of the [ISTE-NETS](#). With the help of an advisor, students complete a narrative linking current and past course work to the technology standards in the areas of creativity, communication, critical thinking and problem solving, innovation, research literacy, digital citizenship, and technology troubleshooting.

Introduction to Computer Science

Course number: 217

Credits: ½ credit

Grade level: 9-12 Elective

Prerequisite: Algebra 2 (concurrent or completed)

This course is designed to offer a hands-on introduction to computer science and how it impacts our everyday lives. Students learn fundamental concepts of how software works and how to apply those concepts to solve real problems. The course will cover topics like creating computer programs, building games, and discussing technology's influence in today's world.

AP Computer Science Principles

Course number: 220

Credits: 1 credit

Grade level: 10-12 Elective

Prerequisite: Algebra 1 (10th grade students require instructor approval)

AP Computer Science Principles is a rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. The curriculum assumes no prior knowledge of computing, is written to support students who are new to the discipline, and is accessible to all students, especially those in groups typically underrepresented in computing.

ENGLISH

The English Department strives to challenge its students to solve problems; to think critically and creatively; to write comprehensively, accurately, and succinctly; to listen carefully; to speak passionately and persuasively; to read widely, broadly, and deeply; and to examine themselves and their place in the world.

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English Requirements

Four credits are required for graduation, including the following courses:

- English 9 or Honors English 9
- American Literature or Honors American Literature,
- English 11 or Honors British Literature, and
- English 12 or AP English.

English 9/Honors English 9

Course number: 331/332 (Honors)

Credit: 1 credit

Grade level: 9 Required

Students will explore *identity* by reading and discussing short-stories, poetry, a memoir, an autobiography, fiction, and a play. Longer works may include *First Sightings: Contemporary Stories of American Youth* (Loughery), *Night* (Wiesel), *Black Boy* (Wright), *The Absolute True Diary of a Part-time Indian* (Alexie), and *Macbeth* (Shakespeare). Students will hone critical-thinking and communication skills by engaging in student-led discussions. They connect ideas in literature to the world at large and their own experiences. They will think critically, and write and speak persuasively. Students will pursue topics of personal interest through multiple projects. By the end of the year, students will have a firm grasp of core literary terms, literary conventions, discussion tactics, writing techniques, research skills, presentation skills, and peer collaboration. Students seeking honors credit will complete additional advanced coursework.

American Literature

Course number: 341

Credit: 1 credit

Grade level: 10 Required (if not taking Hon. Am. Lit.)

Prerequisite: English 9

The primary focus of this course is American Literature through literary analysis, close reading, collaboration, and critical thinking. Students explore the various facets of writing, of analysis, of creativity, and frequently work together to create unique and insightful projects, which may include a Horror Story Audio Drama, a website, videos, infographics, and traditional literary analysis essays. Students frequently pursue topics of individual interest and are encouraged to strike out on their own on nearly every project. This is also a language arts class, so students will work on their writing mechanics, improve their logic, practice their research and citing skills, and hone their media literacy skills. Students read a variety of works, which may include *Slaughterhouse Five* (Vonnegut), *Of Mice and Men* (Steinbeck), *The Road* (McCarthy), *A Raisin in the Sun* (Hansberry), *The Color Purple* (Walker), and *Catcher in the Rye* (Salinger); short stories, with selections by Flannery O'Connor, Zora Neale Hurston, Stephen Crane, Ernest Hemingway, Joyce Carol Oates, William Faulkner, and others; and non-fiction, plays, poems, and essays.

Honors American Literature

Course number: 364

Credit: 1 credit

Grade level: 10 Required (if not taking Am. Lit.)

Prerequisite: English 9, department recommendation, and summer assignment.

The primary focus of this course is American Literature through literary analysis, close reading, collaboration, and

critical thinking. Students explore the various facets of writing, of analysis, of creativity, and frequently work together to create unique and insightful projects, which may include a Horror Story Audio Drama, a Poetry Out Loud unit, an "American Masters" Website, videos, infographics, and traditional literary analysis essays. Students frequently pursue topics of individual interest and are encouraged to strike out on their own on nearly every project. Students will read a variety of works, which may include *Of Mice and Men* (Steinbeck), *The Old Man and the Sea* (Hemingway), *Slaughterhouse Five* (Vonnegut), *The Color Purple* (Walker), *The Road* (McCarthy), and *A Raisin in the Sun* (Hansberry); short stories, with selections by Flannery O'Connor, Zora Neale Hurston, James Baldwin, Stephen Crane, Ernest Hemingway, Joyce Carol Oates, William Faulkner, and others; and non-fiction, plays, poems, and essays.

English 11

Course number: 357

Credit: 1 credit

Grade Level: 11 Required (if not taking Honors Brit Lit)

Prerequisite: English 9, American Literature

English 11 is designed to build basic skills in writing, research, and public speaking. In this class, students write frequently, participate in discussions, and give oral presentations (including memorizing and reciting a poem for Poetry Out Loud). Special emphasis is placed on the metacognitive skills of revision and reflection. Both semesters are organized around a literature unit that offers students the opportunity to practice writing and speaking about themselves and also to improve their ability to analyze literature and engage in academic research. Shorter, individual assignments lead to longer, collaborative projects; students should expect to extend their abilities to work in groups and be self-directed. Late in the spring, students draft their College Application Essay. Texts may include *Rita Hayworth and Shawshank Redemption* (King), *A River Runs Through It* (Maclean), *Lord of the Flies* (Golding), *Things Fall Apart* (Achebe), *The Curious Incident of the Dog in the Night-time* (Haddon), and *They Say/I Say* (Graff & Birkenstein).

Honors British Literature

Course number: 373

Credit: 1 credit

Grade level: 11 Elective (satisfies required coursework)

Prerequisite: American Literature (or Honors), department recommendation, and summer assignment

This course focuses on honing critical thinking and close reading skills and developing sophisticated reading and writing habits while exploring British literature. Students read many major English writers, such as William Shakespeare, Jane Austen, Virginia Woolf, George Orwell, and others. In addition to practicing and improving their critical thinking and interpretive skills, students will also learn about literary periods, about the politics and cultures of those periods, and about the authors themselves. Students will also continue their study of grammar, punctuation, writing mechanics, research, public speaking, and vocabulary skills and knowledge. There will also be numerous opportunities for students to be creative, self-guided, and collaborative.

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English 12

Course number: 358

Credit: 1 credit

Grade Level: 12 Required (if not taking AP English)

Prerequisite: English 11 or Honors British Literature

Students read a wide variety of classic and contemporary literature and focus on responding critically to that literature through student-led discussions and written analysis, including research-based writing and creative projects. Students should expect to extend their abilities to work in groups and be self-directed. Students also take ownership of a blog in which they showcase independent work. Major units focus on experiments in narrative perspective, issues of identity, and variations on the archetypal "Hero's Journey." Students also memorize and recite a poem for Poetry Out Loud. Major texts include, but are not limited to, *Flight* (Alexie), *The Things They Carried* (O'Brien), *The Lovely Bones* (Sebold), *A Doll's House* (Ibsen), *Twelfth Night* (Shakespeare), selected contemporary poetry, and *They Say/I Say* (Graff & Birkenstein).

AP English Literature and Composition

Course number: 377

Credit: 1 credit

Grade level: 12 Elective (satisfies required coursework)

Prerequisite: Honors British Literature, department recommendation, and summer assignment

The goal of this course is to develop critical reading and writing skills, in preparation for the Advanced Placement Examination in Literature and Composition and for college English courses, by offering qualified seniors the opportunity to do college-level coursework. Students admitted to this advanced course are expected to demonstrate a special interest in literature, to work hard and consistently to develop independence of thought and mature habits of critical thinking. Classroom discussion and active participation, as well as frequent writing assignments (including in-class essays), are crucial means to this end. Students write formal and informal papers, make presentations (including memorizing and reciting a poem for Poetry Out Loud), do a creative project each semester, and take ownership of a blog in which they showcase independent work. Major texts include *Frankenstein* (Shelley), *Jane Eyre* (Brontë), *Wide Sargasso Sea* (Rhys), *Othello* (Shakespeare), *A Doll's House* (Ibsen), World War I poetry, *The Things They Carried* (O'Brien), and *They Say/I Say* (Graff & Birkenstein).

College Prep English 1/College Prep English 2

Course number: 399/398

Credit: 1 credit

Grade level: 9-12

This college preparatory English course is a blended course designed for international students for whom English is a foreign language. Students often experience a discrepancy between their content knowledge and the academic language they need to express this content. This is why students, depending on their English proficiency, can enter into CPE 1 or CPE 2. In addition to providing additional time and instruction for work in other classes, students work to improve reading, writing, listening and speaking skills, as well as vocabulary building with the support of Middlebury Interactive, a learning program specifically designed to

support English Language Learners with project-based learning. Differentiation allows for students to continue working on their English language skills for up to three years.

Advanced College Prep English

Course number: 397

Credit: 1 credit

Grade level: 9-12

This course is designed for international students at Marshall School for whom English is not their native language. After one or two years of immersion, English language learners' conversational English typically improves whereas their ability to write and think critically, and with accuracy, often still requires further focus. In this course, students work on understanding the conventions of writing and grammar and how it specifically applies to the revision process. They learn how to state a thesis, support it with research, and to correctly cite their sources. They investigate the research process itself by developing strategies on how to consume information and apply critical thinking in the research process. Some of these strategies include learning note-taking skills to avoid plagiarism, with specific attention to processing information and linking information to a source with the use of NoodleTools and other methods. Students prepare for college by writing academic essays such as a personal narrative, a research paper, an argumentative essay, and so on. Students also learn how Latin roots help them decode a vast academic vocabulary, and they prepare for proficiency exams such as the TOEFL, ACT, and SAT.

WORLD LANGUAGES

The main goal of the Marshall School World Languages Department is to ensure that each student becomes proficient in at least one world language. World Languages Department courses endeavor to increase students' cultural awareness and mastery of grammar while developing all four language skills: listening, speaking, reading, and writing. Communicative proficiency is emphasized at all levels.

World Languages Requirements

The minimum graduation requirement is the completion of two years in one language taken in grades 9-12. Students are encouraged to pursue their language studies throughout their career at the school and to explore the possibility of studying a second non-English language while still in high school. Students must earn a teacher recommendation in order to continue in the Upper School language courses at Level III and above.

German I

Course number: 431

Grade level 9-12

Credit: 1 credit Elective

This course is an introduction to the language and cultures of German-speaking countries. Students will learn to have simple, meaningful conversations with speakers of German. They will study European news and explore geography, history and culture. They will play German games and cook and eat German food. Students will learn pronouns, conjugating verbs, genders, possessive adjectives, the accusative case, stem-changing verbs, separable-prefix verbs, modals, command forms, conjunctions, and the

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conversational past tense. They will complete a geographical project in a medium of their choice, such as an essay, power point presentation, collage, or movie. In the second semester, they will read and enact a German fairy tale. Text: Deutsch Aktuell I by Wolfgang Kraft

German II

Course number: 432

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: German I and department recommendation.

In German II, students build their vocabulary and become more proficient at communicating with speakers of German. Students learn how to work with authentic materials to decode vocabulary and understand their meaning. Materials include prose, poetry, articles, video clips, original feature movies, songs, games, visuals and podcasts. Students complete an autobiographical project and read a chapter book. They learn new grammatical structures such as adjective endings, the genitive case, and reflexive verbs.

German III/Honors German III

Course number: 433/476 (Honors)

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: German II and department recommendation.

German III/Honors German III is an inspiring course for intermediate speakers of German. Students will integrate their interpersonal, interpretive and presentational communication skills and deepen their understanding of cultures in German-speaking countries. Students work with authentic materials including prose or poetry from selected authors, articles from online news magazines such as Deutsche Welle and Spiegel-TV, video clips, feature movies, songs, and podcasts. Students will learn reading strategies to help them identify and decode key vocabulary and comprehend the context. They learn the grammatical structures subjunctive II, past perfect, future perfect, passive voice, infinitive and relative clauses. Students will complete a history project in a medium of their choice, study the classical German author Johann Wolfgang von Goethe, and re-enact one of his works.

Honors German IV and AP German Language

Course number: 477/479

Credit: 1 credit each

Grade level: 9-12 Elective

Prerequisite: Department recommendation.

Honors German IV and AP German Language are taught concurrently over a two-year cycle. These challenging courses are for students who are transitioning to being advanced speakers of German. Students work with authentic materials and learn advanced grammatical structures, including indirect speech, masculine-n nouns, and pragmatic expressions. Student will complete a literature project in a medium of their choice and study the Nibelungenlied or in alternate years the works of Franz Kafka. Students design projects that reflect their personal interests in music, theater, creating an online content, and writing and publishing a children's book. They study business German and write a cover letter and resume as well as conduct mock interviews. Students become thoroughly familiar with the AP

German Language and Culture Exam to be well prepared when they take it in May of their second year.

French II

Course number: 412

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: French I and department recommendation.

French II is a continuation of the French I curriculum and emphasizes communication skills. In order to communicate in the language, students continue to develop four skills: listening, speaking, reading and writing. A greater emphasis is also placed on grammar. The teacher uses primarily French in class to promote oral and listening proficiency. English is used for in-depth explanations when needed. Topics studied emphasize the everyday life of adolescents in French-speaking cultures to promote students' cultural understanding and appreciation as well as language development. French II students use the most current materials to learn to communicate confidently in the modern francophone world. The program includes a multimedia eBook, a workbook, readings, eVisuals, digital flash cards, games and more that allow learners to experience the French language and francophone culture and treats them as social actors with digital resources.

French III/Honors French III

Course number: 413/472 (Honors)

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: French II and department recommendation.

College Preparatory French III is an engaging course for intermediate learners of French, while Honors French III is a fast-paced and challenging course for intermediate learners of French who intend to continue with French throughout their time in the Upper School. Students continue to communicate using a variety of new verb tenses: imperfect, future, conditional, etc. They engage with and explore other Francophone cultures through authentic materials including literature, films, online news programs, magazines and newspapers, and podcasts. French III students continue to hone their reading skills by reading *Le Voyage Perdu* during the second semester travel unit which is designed to help students "get by" while traveling in a French-speaking country. Honors III students begin their exploration of French literature by reading and discussing *Le Petit Prince*. Students in Honors III take the National French Exam in March, while students in French III have an option to take the test.

Honors French IV and AP French Language

Course number: 474/478

Credit: 1 credit each

Grade level: 11-12 Elective

Prerequisite: Department recommendation.

Honors French IV and AP French Language are taught concurrently over a two-year cycle. These challenging courses are for students who are transitioning to being advanced speakers of French. These thought-provoking courses emphasize the use of language for active communication and are centered on the following AP themes: Public & Personal Identities, Science & Technology, Global Challenges, Contemporary Life, Families & Communities, and Beauty & Aesthetics. Students work with authentic written and audio

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sources and demonstrate their understanding through lively discussions, persuasive essays, and by completing projects and presentations. Students review the essential skills required for the AP Exam, and they continue actively communicating with their peers and members of the Francophone community. Students take the National French Exam in March, and AP French students take the AP French Exam in May.

Spanish I

Course number: 401

Grade level: 9-11

Credit: 1 credit Elective

The Spanish I course is an introduction to the basic structure, vocabulary, and practical use of the language. Listening and speaking skills are practiced daily with question-and-answer work, directed-pairs work and role playing. Authentic reading and writing practice revolves around thematic vocabulary units or topics related to the cultures, traditions, and geography of the Spanish-speaking world. Students study structures that allow them to communicate about present, past, and future events.

Spanish II

Course number: 402

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: Spanish I and department recommendation.

In Spanish II, students further their proficiency in reading, writing, speaking and understanding spoken Spanish as well as increasing their knowledge of cultures of the Spanish-speaking world. Reading and writing revolves around thematic vocabulary groups and cultural topics relatable to students' lives. Listening and speaking skills are emphasized through daily oral participation in class, interaction with the teacher and peers in Spanish, regular oral assessments, and listening comprehension work with authentic audio and video materials. Materials include prose, poetry, articles, video clips, original feature movies, songs, games, visuals and other online resources.

Spanish III/Honors Spanish III

Course number: 404/471 (Honors)

Credit: 1 credit

Grade level: 9-12 Elective

Prerequisite: Spanish II and department recommendation.

In Honors Spanish III, students continue to develop proficiency in reading, writing, speaking, and understanding spoken Spanish. Listening and speaking skills are emphasized through daily oral participation in class, interaction with the teacher and peers in Spanish, regular oral assessments, and listening comprehension work with authentic audio and video materials. In addition to studying language and its structures, students further their study of the cultures of the Spanish-speaking world. Short stories and articles are used to introduce cultural concepts less familiar to students. Students practice their informal writing skills needed for composing emails and letters and begin to develop more formal styles of writing when making cultural comparisons. More advanced grammar and vocabulary are introduced through authentic sources such as poetry, articles, video clips, songs, and other online resources. Students review past grammar topics and learn correct usage of the preterit and imperfect, future,

conditional, present perfect, and pluperfect tenses as well as the distinction between *por* vs. *para*.

Honors Spanish IV and AP Spanish Language

Course number: 473/484

Credit: 1 credit each

Grade level: 11-12 Elective

Prerequisite: Department recommendation.

Honors Spanish IV and AP Spanish language are taught concurrently over a two-year cycle. These courses focus on the study of history, cultures, contemporary issues, and literature of the Spanish-speaking world. Regular class discussions require students to work towards greater oral spontaneity and fluency while discussing, analyzing, and integrating information from authentic stories, articles, news clips, podcasts, short documentaries, and poetry. Written work includes extensive practice developing formal persuasive essays, as well as formal and informal written communications a native speaker would be required to write in a wide variety of everyday situations. Students also read and discuss one novel, during the third or fourth quarter. Grammar is taught and reviewed based on the needs of individuals and the class as a whole. All students enrolled in this course will take the AP Spanish Language and Culture Exam in May. This course is taught entirely in Spanish.

MATHEMATICS

In following the Marshall School mission statement, it is the belief of the math department that a solid education in mathematics is key to a student's success in life. It is the philosophy of the mathematics department at Marshall School that all students are capable of experiencing success in middle and upper school mathematics given that the student has a thorough knowledge and understanding of basic mathematical concepts. The math department strives to challenge students to become independent life-long learners and analytical thinkers. Students should be able to communicate effectively about and through mathematics, orally and in writing, understanding and explaining the processes rather than simply being able to find answers.

Providing a good math education means providing opportunities for hands-on exploration of mathematical concepts wherever it is possible. It is very important that students are accepted at whatever stage they may be at in their mathematical career. This acceptance must come from instructors, peers and parents alike. Students are encouraged to get extra help when they have fallen behind or are preparing for an upcoming test, and they are more likely to do so when they feel this acceptance.

Mathematics Requirements

Students are required to pass Algebra, Algebra II, and Geometry for graduation. In each of these classes there are honors and non-honors options and each student is encouraged to take the path that fits best. A graphing calculator is required for all math classes above Algebra 1.

Algebra I

Course number: 533

Credit: 1 credit

Grades: 9 Required

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Prerequisite: Math 8 or department recommendation.
Students reinforce their basic algebraic knowledge of the number system equations, and inequalities. Students then work with exponents and roots, polynomials, factoring, quadratics, and rational expressions. Special emphasis is placed on problem solving and using math in a real world setting, and students use technology to help them efficiently evaluate solutions.

Geometry

Course number: 541

Credit: 1 credit

Grade level: 10-12 Required

Prerequisite: Algebra I or Honors Algebra I

Geometry deals with the study of shapes. In this class we will work together to develop and apply a variety of formulas which are used to measure lengths, areas and volumes of geometric figures. The study of geometry is rooted in logic and we will spend time working on proving theorems in a two-column format and in paragraph proof form. The use of straight edges and compasses will be used in construction proofs.

Honors Geometry

Course number: 572

Credit: 1 credit

Grade level: 10-12 Required (if not taking Geometry)

Prerequisite: Honors Algebra I and department recommendation.

Honors Geometry will cover topics similar to the geometry course, but at a faster pace and in greater depth. Students will spend much of the first semester mastering two-column proofs and learning definitions of a wide variety of geometric terms. The second semester is primarily involved with developing and applying formulas to calculate lengths, areas and volumes of geometric figures. Group work is a big part of this course and students are encouraged to learn geometric truths through cooperative learning and discovery methods.

Algebra II (offered next in 2020-21)

Course number: 552

Credit: 1 credit

Grade level: 9-11 Required

Prerequisite: Algebra I and Geometry

Algebra II topics covered include: linear functions, matrices, polynomial functions with an emphasis on quadratic functions, algebraic manipulation and simplification, exponential and logarithmic equations, solving equations, counting and probability, and sequences and series. If time allows, the instructor will select additional topics to supplement the course. A very high level of competence in the material covered in this course is required for departmental approval for Honors Geometry.

Honors Algebra II (offered next in 2020-21)

Course number: 573

Credit: 1 credit

Grade level: 9-11 Required (if not taking Algebra II)

Prerequisite: Honors Algebra I and Honors Geometry; department recommendation.

Algebra I skills are built upon and new Algebra II topics are explored in greater scope and depth. Technology is used in

the form of both graphing calculators and computers. A high level of competence in the material covered in this course is required for departmental approval for Honors Geometry. Topics covered include: linear functions, quadratic functions, rational functions, polynomial functions and their graphs, systems of equations, complex numbers, rational expressions, exponential and logarithmic equations, sequences and series, and probability.

Finite Math

Course number: 555

Credit: 1/2 credit

Grade level: 11-12 Elective

Prerequisite: Algebra II and Geometry

Finite Math is a course designed to better prepare a student for Precalculus or provide additional work on Algebra skills before entering college. Finite math reviews many algebra concepts and utilizes technology to bolster understanding. Topics covered will include, but are not limited to, graphing of polynomials, trigonometry, matrix operations, functions, conics, and statistics. Class size for this course is usually small, so the course will in part be designed around the students' areas of need.

Discrete Math with Applications

Course Number: 556

Credit: ½ credit

Grade level: 11-12 Elective

Prerequisite: Algebra II and Geometry

This course will use sophisticated mathematics to enable our students to better understand basic economic concepts and how to apply them to their personal finances. We will be using algebra, probability, statistics and geometry to solve financial problems that occur in everyday life. The real world problems we will face in this course include investing, credit, banking, auto insurance, mortgages, income taxes, budgets and retirement planning. We will be working hands-on with technology and real-world mathematical modeling to further our understanding of how money works.

Pre-Calculus

Course number: 554

Credit: 1 credit

Grade level: 11-12 Elective

Prerequisite: Finite Math or Algebra II and Geometry; department recommendation.

This course will prepare students for Calculus and will study in-depth the following topics: functions, trigonometry, probability, sequences and series, exponents and logarithms, and matrices. Students planning on taking AP Calculus should enroll in the Honors Pre-Calculus course.

Honors Pre-Calculus

Course number: 577

Credit: 1 credit

Grade level: 10-12 Elective

Prerequisite: Honors Algebra II and Honors Geometry or Finite Math and department recommendation.

Topics covered include functions, probability, algebraic simplification, polynomials, rational functions, conics, limits, vectors, matrices and trigonometry. The study of trigonometry is extensive and will constitute a large part of the curriculum. If time permits additional topics will include

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polar coordinates, sequences and series. Unit tests in this course are given in two parts - one with calculators and one without. Students are expected to use technology to help with their understanding, but not rely on it solely.

Calculus

Course number: 582

Credit: 1 credit

Grade level: 12 Elective

Prerequisite: Finite Math or Honors Pre-Calculus and department recommendation.

Calculus is designed as a beginning calculus course for students planning on studying business, management, economics or social and life sciences. The objective is to provide a mastery of basic calculus topics. Group work will constitute a large part of class time and students are expected to be active participants. Topics covered include a brief Precalculus review, limits, continuity, derivatives and rules for differentiation, integration and numerous techniques for taking integrals.

AP Calculus AB

Course number: 574

Credit: 1 credit

Grade level: 10-12 Elective

Prerequisite: Honors Pre-Calculus and department recommendation.

It is assumed that the students entering this course have a near mastery of topics covered in Honors Precalculus, as there is no review at the beginning of the year. Calculus is a mathematical tool for studying problems that involve motion and changing rates. It is widely used in many different fields of study including mathematics, engineering, physics, biology, chemistry and economics. In this course, students study limits, derivatives, applications of derivatives, differentials, integrals, analytic geometry and applications of integrals.

AP Calculus BC

Course number: 580

Credit: 1 credit

Grade level: 11-12 Elective

Prerequisite: High A in Honors Pre-Calculus or AP Calculus AB and department recommendation.

It is assumed that the students entering this course have a near mastery of topics covered in Honors Precalculus, as there is no review at the beginning of the year. This course moves twice as fast as other math classes. It covers everything in AP Calculus AB in semester one and then moves into topics of a college level Calculus II course in semester two. In this course, students study limits, derivatives, applications of derivatives, differentials, integrals, analytic geometry, applications of integrals, infinite series, parametric equations, polar coordinates, and vectors.

AP Statistics

Course number: 575

Credit: 1 credit

Grade level: 11-12 Elective

Prerequisite: Pre-Calculus and department recommendation.

This course is designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four main themes of the course are exploring data, sampling and experimentation, anticipating patterns and statistical inference. During the course, students will plan and execute a statistical study of their own. Students taking this course are expected to take the AP Statistics exam in the spring.

PHYSICAL EDUCATION/HEALTH

The Marshall School Physical Education and Health Department is committed to providing students with the knowledge and skills necessary to link Health and Physical Education to the foundation of a healthy, productive, and fulfilling life.

Physical Education/Health Requirements

One credit of Physical Education and Health is required.

Health and Physical Education A/B

Course number: 609/621

Credit: ½ credit each

Grade level: 9-10 Required

A variety of health topics are taught to enable students to improve their knowledge of healthy lifestyles, health habits and stronger decision-making skills. These skills will allow students to make better long and short-term decisions regarding health issues in their lives and the lives of friends and family. Topics include diseases (communicable and non-communicable), alcohol and driving, social health, relationships, digital citizenship, CPR, mental health, and sexually transmitted infections/sexual health. This PE course is designed to enhance and develop a person's individual interests and talents in team and individual sports and activities. Units include large group games, badminton, team sports, tennis, basketball, and volleyball.

Fitness for Life

Course number: 650

Credit: ½ credit

Grade level: 10-12 Elective (may be taken twice)

In this course, students will be challenging their bodies and minds to develop an understanding of fitness through a cardio emphasis. The class atmosphere encourages a favorable attitude toward physical fitness and life sports. Topics covered include suspension training, kettlebells, fitness ball routines, cardio routines, pilates, and kickboxing. Yoga and P90X training may also be incorporated into our time together. Life sports of tennis, badminton, pickleball will be included.

Weight Training PLUS

Course number: 653

Credit: ½ credit

Grade level: 10-12 Elective (may be taken twice)

Weight Training PLUS is an elective course for students interested in increasing athletic ability through a personalized program. The semester will include an introduction to kinesiology through shorter units of study in areas like beginner kettlebells, boot camps, and yoga. Students will receive instruction on the use of fixed and free

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weights and the benefits of consistent, programmed routines. Proper technique and safety are stressed.

SCIENCE

The Marshall School Science Department strives to inspire creativity and wonder; promote critical thinking and analysis; encourage thoughtful interaction and communication; and engage students in an active learning environment. The Department utilizes the outdoor classroom, cutting-edge teaching techniques, and hands-on experiences to encourage scientific inquiry and discovery and to instill life-long ideals which promote a student's scientific curiosity and knowledge.

Science Requirements

Students must complete three credits of science for graduation, including courses in Biology and Chemistry. Students may choose from elective courses to complete their three credits.

Biology/Honors Biology (offered yearly)

Course number: 840/841

Credit: 1 credit

Grade level: 9 or 10 **Required**

This course is designed to provide a strong background in the discipline of biology with a focus on the core themes of cells, genetics, evolution, and ecology. Specific topics to be covered include: biochemistry, cell structure and function, respiration and photosynthesis, inheritance patterns, bacteria and viruses, populations, and the environment. The use of scientific methods, current research, and critical thinking skills are integrated throughout the year. Course coverage includes independent research, collaborative projects and presentations, case study discussions and innovative approaches to scientific topics. Biology and Honors Biology will be taught concurrently. Students seeking honors credit will be required to complete additional independent course work.

Human Anatomy & Physiology (offered next in 2020-21)

Course number: 853

Credit: 1 credit

Grade level: 11-12 **Elective**

Prerequisite: Biology

This yearlong course covers the names and functions of the body systems and their associated organs. The course will enable students to expand and explore their knowledge of the human body while applying that understanding to their own health and the issue of health in our society. This course is for students interested in a career in health related fields, as well as those curious about their own bodies work. This course will involve memorization of organs, body parts, and some basic medical terminology; it will also include the dissection of a fetal pig.

Environmental Science (offered next in 2019-20)

Course number: 850

Credit: 1 credit

Grade level: 11-12

Prerequisite: Biology **Elective**

This course covers current events, trends, and controversies involving human interaction with the environment. Topics

discussed will include ethical decision making based in all scientific backgrounds: geology, biology, ecology, chemistry, & environmental studies. There is a focus on class discussion and learning the steps to making your own informed decisions about the events around you.

AP Biology (offered next in 2019-20)

Course number: 874

Credit: 1 credit

Grade level: 11-12 **Elective**

Prerequisite: Honors Biology, summer coursework.

AP Biology is structured around four big ideas (Evolution, Energy Processes, Information, and Interactions) which encompass the core scientific principles, theories, and processes governing living organisms and biological systems. Students will experience science as a process with an emphasis on labs and application of core concepts. Students will become knowledgeable and responsible citizens in understanding biological issues that could potentially impact their lives. Upon completion of this course, all students are required to take the AP Biology Exam.

Chemistry (offered yearly)

Course number: 856

Credit: 1 credit

Grade level: 10-11 **Required (if not taking Hon Chem)**

Prerequisite: Algebra I

This course is designed to provide strong background knowledge in the discipline of chemistry with an emphasis on the core themes of matter, energy, atomic theory, chemical reactions and bonding, solution stoichiometry, gas laws, and acid-base concepts. This course will focus on utilization of the laboratory for experimentation and investigation, developing critical thinking, analyzing and compiling data, and collaborative projects and presentations. Students can expect 30 minutes of homework per class period.

Honors Chemistry (offered yearly)

Course number: 872

Credit: 1 credit

Grade level: 10-11 **Required (if not taking Chemistry)**

Prerequisite: Algebra II (completed or concurrent), department recommendation, summer coursework.

This laboratory science course is designed to investigate a variety of topics, including the properties of matter, energy, atomic theory, chemical reaction types, chemical bonding, solution stoichiometry, thermochemistry, gas laws, acid-base concepts, and chemical equilibrium. Emphasis is on concept development and the utilization of the laboratory for experimentation, knowledge acquisition, and development of critical thinking skills. Students should have strong math skills including a working knowledge of dimensional analysis, graphing, and algebra. Due to the rigorous pace and depth of the material covered in this course, students are expected to be highly motivated and come to class prepared for discussion and laboratory. This course is designed to provide a strong introduction to chemistry and builds a foundation for advanced studies in chemistry.

AP Chemistry (offered next in 2020-21)

Course number: 882

Credit: 1 credit

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Grade level: 11-12 Elective

Prerequisite: Honors Chemistry, department recommendation, and summer coursework.

Equivalent to one year of college chemistry, this course expands on concepts learned in honors chemistry with an in-depth study of topics such as atomic structure, chemical bonding, molecular geometry, states of matter, kinetics, equilibrium thermodynamics, electrochemistry, nuclear chemistry, and organic chemistry. Students will further apply the scientific method to chemical problems, analyze and interpret data logically and effectively, and physically manipulate laboratory equipment and apparatus in order to observe and record data. Students can expect 60 minutes of homework per class period.

Engineering Design (offered next in 2019-20)

Course number: 867

Credit: 1 credit

Grade level: 11-12 Elective

Engineering Design is a year-long course designed for juniors and seniors with an interest in designing solutions to needs and problems. Students learn about practices, concepts, and core ideas by working towards understanding and solving current and historical problems in engineering. Students develop need-based 'Innovation Projects' throughout the year and present their projects to key stakeholders including students, mentors, and professionals. Students will learn skills in Computer Aided Design (CAD), rapid prototyping, and simulation while being introduced to manufacturing, civil, and mechanical engineering fields.

Physics (offered yearly)

Course number: 866

Credit: 1 credit

Grade level: 11-12 Elective

Prerequisites: Algebra II (completed or concurrent)

Physics is a natural science in which students learn about laws that govern motion, gravity, forces, energy, waves, sound, light, and electronics. Students learn physics through a combination of mathematical, graphical, and laboratory problem-solving techniques.

AP Physics C: Mechanics (offered yearly)

Course number: 883

Credit: 1 credit

Grade level: 11-12 Elective

Prerequisite: AP Calculus (completed or concurrent), department recommendation, and summer coursework.

AP Physics is a rigorous and fast-paced calculus-based physics course that is the equivalent of a college semester course in mechanics. Topics covered include kinematics, Newton's laws of motion, work, energy, power, linear momentum, circular motion, rotation, oscillations, and gravitation. This course is intended for students who are interested in science majors in college. Students must independently learn calculus over the summer, and successful completion of summer homework and assessment of calculus knowledge at the beginning of the course are required for continued enrollment. Students can expect about 45 to 60 minutes of homework per class period.

Independent Research (offered yearly)

Course number: 899

Credit: 0.25 per semester

Grade level: 11-12 Elective

Prerequisite: Teacher Recommendation/Approval

Students will investigate a scientific topic and report their findings using several media formats. The course is intended to expose the participant to all phases of independent research through an apprenticeship with a teacher-mentor. This is an advanced class meant to prepare students for future scientific training at an industrial or university level. A mutually agreed upon topic will be investigated throughout the course and is limited only by the resources available and the expertise of the teacher-mentor. Additionally, students will teach a topic related to their field to an appropriate audience (i.e., a class at Marshall). The course is open to students who have demonstrated an intense interest in a field of study.

SOCIAL STUDIES & RELIGIOUS AND ETHICAL STUDIES

The vision of the Social, Religious and Ethical Studies Department at Marshall rests in providing an understanding of the subject matter so students may see the interconnectedness of human existence and developing the skills to do so. The mission of the department is to provide students with authentic experiences that attempt to replicate how historians, geographers, ethicists, and scholars of religion work. To achieve this, students will learn to do the following:

- understand the present by studying its causal relationship to the past;
- discover how human beings relate to each other socially, spatially and chronologically;
- explore the impact of religion upon the pursuit of meaning;
- frame moral decisions by a sound understanding of moral theory; and
- use skills of analysis and synthesis to interpret primary and secondary sources.

SOCIAL STUDIES

Social Studies Requirements

3½ credits of Social Studies coursework must be completed before graduation.

American Government

Course number: 930

Credit: ½ credit

Grade level: 9 Required

This course provides students with an introduction to the workings of American government and politics. The main objective is to gain insight into the guiding principles of the U.S. Constitution and the system of government it created and has sustained for over two hundred years. Textbook reading will be supplemented with discussion, lecture, cooperative learning projects, PowerPoint presentations, and use of technology for research and analysis. Further topics of study may include brief examinations of current political events.

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European History

Course number: 955

Credit: 1 credit

Grade level: 11 Required

From the classical foundations of civilization to the twentieth century, this course takes students through significant developments, events, and recurring themes in European history that impact the formation of modern Europe.

Textbook reading is supplemented with excerpts from primary source material, lecture, documentary coverage, and research activities. Technology is actively used for historical research and student learning activities.

Honors European History

Course number: 954

Credit: 1 credit

Grade level: 11 Required (if not taking European History)

This course is a survey of European history from the late 1300s to the present. In this course students will be learning factual knowledge and develop the necessary analytical skills to think critically about history and produce writing for history. Textbook reading is supplemented with primary and secondary source material. The course moves at a fast pace, and student responsibility for learning is emphasized.

Students will be required to create a History Day project, which will support authentic student learning of history skills, and participate in a school showcase. History Day is a national competition sponsored in Minnesota by the Minnesota Historical Society. Students research a topic centered on an assigned annual theme and create a research project that represents one of five categories: research paper, website, performance, exhibit, or documentary. For more information please see the National History Day MN website at: <http://education.mnhs.org/historyday/>

U.S. History 10/U.S. History 12

Course number: 943 (10th grade)/979 (12th grade)

Credit: 1 credit

Grade level: 10 or 12 Required

This course offers a survey of United States history starting in the sixteenth century. The course is fast paced and focuses on the turning points throughout U.S. History and is designed to provide students with factual knowledge and analytical skills in order to read and assess evidence and to draw their own interpretations and conclusions. Textbook reading is supplemented with primary and secondary source readings, and videos and films. In-class activities include simulations, role play, research, and group presentations.

Honors U.S. History 10/Honors U.S. History 12

Course number: 944 (10th grade)/978 (12th grade)

Credit: 1 credit

Grade level: 10 or 12 Required (if not taking U.S. History)

This course offers an intense and comprehensive survey of American History since the sixteenth century. It is designed to provide students with factual knowledge and analytical skills in order to assess evidence, to read critically, and draw their own historical interpretations and conclusions. Students read both secondary and primary source material. The course moves at a fast pace, and student responsibility for learning is highly emphasized. Students are required to conduct historical research resulting in a History Day project that will be showcased at school and possibly entered in the annual

National History Day competition. Students choose their research topic within a History Day theme. Their project may take the form of an exhibit board, a website, a documentary, a presentation or a paper. History Day provides an authentic and creative experience in which students apply the skills identified above. For more information on National History Day see: <http://education.mnhs.org/historyday>

RELIGIOUS AND ETHICAL STUDIES

Religious and Ethical Studies Requirements

One credit of Religious and Ethical Studies coursework is required.

World Religions

Course number: 742

Credit: ½ credit

Grade Level: 9 Required

This is a semester-long course in which students are introduced to the academic study of religion. Students generally take the course in the ninth grade. The purpose of this course is for students to gain the skills necessary to consider the subject of religion from a social scientific perspective. Students work to hone five skills: critical reading, critical writing, ethnography, scholarly internet research and critical visual media analysis. Through the process of learning these skills the students examine six major religious traditions: Indigenous Religions, Hinduism, Judaism, Buddhism, Christianity and Islam. Students who successfully complete this course develop the rudimentary elements of a scholarly perspective on the topic of religion to deepen their sense of being part of our global community.

Ethics

Course number: 743

Credit: ½ credit

Grade Level: 10-12 Elective

In this class, students explore ways to construct ethical responses to their ethical problems. This course explores what ethics are through immersion in the classic schools of ethical thought. Reading, writing, short research exercises, live issue discussions, media interpretation, Internet research, and a culminating research project are used to guide the student's mastery of the topics.

Politics and Spirituality

Course Number: 744

Credit: ½ credit

Grade level: 10-12 Elective

In this course, students will examine the spiritual resources human beings can draw upon to approach politics in a fruitful and meaningful way. An appropriate sub-title of the course would be, "Tending the Political Heart: Values Which Inform a Politics of Depth". The point will not be to direct students to take particular political stands or to support particular candidates. Rather, students will focus on two paths. First, they will learn to analyze and construct political arguments in ways that are mindful of their soundness and validity. Second, they will consider the role the following values may have in the political choice people make: compassion; freedom; love; community; respect; justice; integrity; discipline; curiosity; reconciliation; civility and mindfulness.

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Critical Thinking and Current Events

Course number: 745

Credit: ½ credit

Grade level: 10-12

Prerequisite: Ethics Elective

This course teaches students to use the arts of sound argumentation and civil discourse to interpret contemporary events. Students will study how to construct and analyze arguments in order to test their soundness and validity. Students will learn to identify and avoid the major fallacies often used in the construction of arguments. Students will practice how to navigate discourse when there is conflict, when the emotions are strong and the stakes are high. These skills will be applied to the research and discussion of selected local, national, and international events that arise over the time of the semester. The prerequisite for this class is the course in ethics.

OTHER LEARNING OPPORTUNITIES

MORE Program

A program that is designed to promote teamwork, leadership skills, and the Marshall core values of compassion, integrity, intellectual curiosity, and self-discipline, the purpose of the MORE program is to improve student interest in the environment of Northern Minnesota and provide a link from classroom experiences to the global world. The program emphasizes experiences that are educational, instructional, and helpful to the total development of the Marshall student.

Advisory

The Marshall Advisory program aims to promote a sense of connectedness and belonging among students and teachers. Advising is one way we strive to remain true to our mission. Students meet with a faculty advisor on Tuesdays and Thursdays to explore topics important in the life of adolescents, make connections to the mission, and achieve the qualities outlined in the Portrait of a Hilltopper. The faculty advisor serves as a mentor, guide, and advocate for their advisees, providing an effective and friendly way to address problems with student schedules, questions about graduation requirements, and transitions for new students. In addition to academic support, advisors lead students in conversations about character development and actualization.

Post-Secondary Educational Options (PSEO)

Marshall School reserves the right to approve courses for academic credit. Students who are interested in pursuing PSEO opportunities should begin conversations with the Director of College Counseling. Local PSEO programs often have deadlines for PSEO enrollment in early April and early December. Discussions well in advance of these dates are encouraged.

Virtual High School

The mission of Virtual High School is to develop and deliver standards-based, student-centered online courses to expand students' educational opportunities and 21st century skills.

VHS believes that student-centered online courses can be designed and delivered to students to promote a high quality collaborative learning environment in which student

exchange and interaction is a valued component of the instructional process.

VHS offers over 200 full semester courses in Arts, Business, English, Language Arts, World Language, Life Skills, Mathematics, Science, Social Studies, and Technology. In addition, VHS offers full year Advanced Placement (AP) courses.

For more information, please visit www.govhs.org. Students interested in registering for a VHS course should see the Associate Head of School.

Guidelines for VHS Enrollment

- Eligible students must have a 3.00 or higher cumulative grade point average.
- In almost all cases, VHS courses will be included in your 7 credits per semester course load. This means VHS courses should not be viewed as an 8th course in your class schedule.
- In almost all cases, VHS courses will not replace a required course for graduation.
- You will be required to get a teacher's endorsement in the form of a signature from a teacher in the same discipline as the VHS course (i.e., if you're interested in taking a creative writing course, you'll need an English teacher to sign the endorsement form).
- You will also need approval (in the form of a signature) from your parent and the Director of College Counseling, Upper School Principal, or the Associate Head of School.
- In almost all cases, you will be allowed to take no more than one VHS course per semester.

Virtual High School Course Offerings

Virtual High School offers a catalog of semester and full year courses in the Arts, World Language, Language Arts, Life Skills, Math, Science, Social Studies, Technology and AP Study to students in VHS member schools. The courses listed are current at the time of publication. Visit the VHS website at www.govhs.org for the most current offerings.