



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Table of Contents

Career Technical Education	1
Health & Fitness	9
Fine Arts	10
JROTC	13
World Languages	14
Math	15
Science	18
Social Studies	21
English	27
Dual Enrollment	29

Stoneman Douglas High School offers a variety of academic and elective programs to challenge students and provide them with premier programs to prepare them for technical careers. Additionally, Stoneman Douglas offers a range of Dual Enrollment courses which allows students to earn college credit while still enrolled in high school. Many students graduate with an Associates degree in addition to their high school diploma at the end of their four years at Stoneman.

CAREER TECHNICAL EDUCATION

The Career/Technical courses are preparatory for students to work in the field of their choice, as well as prepare them for the rigors of college. Many of the courses lead to competitions held at the state, national and international levels. In addition, many course allow the student to become certified in their subject area – for example, a student taking Digital Video Technology will test in two different Adobe products – Photoshop and Premiere Pro. These certifications are recognized industry-wide and give students an additional skillset for the world of work. Students that begin a program have an opportunity to continue and advance in their skills each of the years they attend high school.

Academy of Finance

The Academy of Finance introduces students to the broad career opportunities in the financial services industry and, in the process, equips them to make sound choices for the future. The Academy of Finance prepares high school students for successful careers in financial services and in other fields. Through their Academy experience, students gain an understanding of the connections that exist between their education and the workplace.

The Stoneman Douglas NAF Program is an Honors program and is recognized by NAF as a Distinguished Academy. DECA is a co-curricular club involving AOF, marketing, and hospitality students. DECA students participate in district, state, and international competitions.

Accounting Applications Honors

Credit 1.0

This course emphasizes the principles of recording and analyzing business transactions and the preparation of various accounting documents. Students will create and analyze financial statements, learn to use Excel and QuickBooks in business scenarios. Students will have the opportunity to become a QuickBooks Online Certified User which is an industry-recognized certification. Students will be prepared for their financial internship offered by the Academy of Finance during the summer of the student's junior/senior year.

Business Communication and Technology

Credit 1.0

This course introduces students to the foundations required for today's business environments. Students will enhance their speaking skills, learn basic financial literacy, develop customer service and job interview skills, and create resumes. Students become Microsoft "Power Users," and they enhance their proficiency as they create and format computer documents, spreadsheets, and presentation applications to meet industry standards. This course is a Practical Arts and online credit.

Business and Entrepreneurship Principles Honors

Credit 1.0

This course introduces students to business organization, management, and entrepreneurship principles, general business, customer services, and marketing skills. Students will develop customer service as well as soft skills. In addition, students will develop career-ready skills including creating a resume along with job interview skills. This course is a Practical Arts and online credit.



Economics and Financial Services

Honors

Credit 1.0

This course presents basic topics in investing and economics, and the principles and practices of banking and credit, and consumer lending. Students will learn the principles of investing and risk and play the online Stock Market Game and learn to evaluate stocks, bonds, mutual funds, ETFs, and other ways to build wealth. Additional emphasis is placed on money, credit, and banking. Students will enhance their career-ready skills including developing a resume and interview skills to prepare for the workplace. They will also develop a LinkedIn profile that they will continue to update throughout the Academy program.

Financial Planning Honors

Credit 1.0

This course develops an awareness of the need for budgeting and financial planning. Additional emphasis is placed on entrepreneurship, income taxes, insurance, and risk management as well as retirement and estate planning. The students also explore career opportunities offered in the financial industry. Students will update their resume and their LinkedIn accounts to prepare them for college and career. Students will have the opportunity to become a Entrepreneurship Small Business (ESB) certified which is an industry-recognized certification. After completing this course students will have developed the soft skills that will set them apart in college and beyond.

Foundations of Journalism - 1006300

Credit 1.0

The purpose of this course is to enable students to develop fundamental skills in the production of print or electronic journalistic media. The content will include, but not be limited to, the following: Writing processes; Production skills for varied media; History and ethics of journalism; Applications and issues in photojournalism; Organization and management techniques, Technology for research, production, and dissemination, Analysis of journalistic media, Careers in journalism. Special Note. Hands-on activities are integral to this course. Students will help produce the school newspaper and have their

work published. Counts as a Practical Arts Credit, a Computer Competency Credit, and an Online Credit.

Multimedia Production

Credit 1.0

This course is designed to develop basic entry-level skills required for careers in the communications industry. The content will include, but not be limited to, the following: Produce writing appropriate to journalistic media, news, sports, editorials, features, and a variety of journalistic media (television, radio, magazine); Organize and utilize production modes appropriate to journalistic media, including desktop publishing, photography, commercial art, and television production (creation of videos and podcasts); Perform electronic/desktop publishing operations; Perform design and layout operations; Analyze, evaluate and communicate information effectively through social media platforms. Special Note. Hands-on activities are integral to this course. Students will help produce the school newspaper and have their work published. Counts as a Practical Arts Credit. Prerequisite: Foundations of Journalism

Digital Design Honors

Credit 1.0

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; decision-making activities; and digital imaging. The content will include, but not be limited to, the following: Digital publishing concepts - fonts, design terms, paper types, color, and use of software; Proficiency in digital imaging; Setting project requirements, engaging in project planning, and utilizing the design process; Performing layout, project design, and measurement activities associated with digital publishing. Special Note. Hands-on activities are integral to this course. Students will help produce the school newspaper and have their work published. Counts as a Practical Arts Credit. Prerequisite: Multimedia Production



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Photojournalism

Credit 1.0

This course is designed to introduce students to basic photojournalism techniques, including camera operation, lighting, composition, photo manipulation, and storytelling for print and online publications. Through this course, the students will become familiar with DSLR and mobile device cameras. An emphasis will be placed on using the camera as a reporting tool and will cover industry expectations for professional photojournalists. The content will include, but not be limited to, the following: Proficiency in photocomposition techniques; Proficiency in operating a camera systems and settings; Participating in the production process; Organizing and editing photographs and video; Develop a professional digital portfolio of work. Special Note. Hands-on activities are integral to this course. Students will help produce the school newspaper and have their work published. Counts as a Practical Arts Credit. Prerequisite: Digital Design

JOURNALISM II - Newspaper - Local Honors

Credit 1.0

The purpose of this course is to enable students to extend fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. The content should include, but not be limited to, the following: demonstrating entry-level skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online, and broadcast/radio; demonstrating fundamental skills in layout design, organization/management skills, and use of technology for the successful production of journalistic media; using writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using fundamental research skills and networking formats; demonstrating awareness of the history of journalism and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness

of the varied careers within the multiple formats of 21st century journalism. SPECIAL NOTE: The purpose of this course is to produce the school newspaper. Students seeking honors credit must have additional responsibilities for school publications and must attend workshops/competitions. The required selling of ads is part of the business aspect of the curriculum and can count for up to 10% of the grade. This course satisfies the computer competency requirement. PREREQUISITES: Teacher recommendation

Journalism III – Newspaper – Local Honors

Credit 1.0

The purpose of this course is to enable students to perform grade level skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to continue to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. The content should include, but not be limited to, the following: demonstrating advanced skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online, and broadcast/radio; demonstrating advanced skills in layout design, organization/management skills, and use of technology for the successful production of journalistic media; using writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using advanced research skills and networking formats; demonstrating awareness of the history of journalism and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness of the changing careers within the multiple formats of 21st century journalism. SPECIAL NOTE: The purpose of this course is to produce the school newspaper. Students seeking honors credit must have additional responsibilities for school publications and must attend workshops/competitions. The required selling of ads is part of the business aspect of the curriculum and can count for up to 10% of the grade. This course satisfies the computer competency requirement. PREREQUISITES: Teacher recommendation



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Journalism IV –Newspaper - Local

Honors

Credit 1.0

The purpose of this course is to enable students to perform grade level skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to continue to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. The content should include, but not be limited to, the following: demonstrating advanced skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online, and broadcast/radio; demonstrating advanced skills in layout design, organization/management skills, and use of technology for the successful production of journalistic media; using writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using advanced research skills and networking formats; demonstrating awareness of the history of journalism and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness of the changing careers within the multiple formats of 21st century journalism. SPECIAL NOTE: The purpose of this course is to produce the school newspaper. Students seeking honors credit must have additional responsibilities for school publications and must attend workshops/competitions. The required selling of ads is part of the business aspect of the curriculum and can count for up to 10% of the grade. This course satisfies the computer competency requirement. PREREQUISITES: Teacher recommendation

Journalism V Honors – Newspaper

Credit 1.0

The purpose of this course is to enable students to perform grade level skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to continue to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. The content should include, but not be limited to, the

following: demonstrating advanced skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online, and broadcast/radio; demonstrating advanced skills in layout design, organization/management skills, and use of technology for the successful production of journalistic media; using writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using advanced research skills and networking formats; demonstrating awareness of the history of journalism and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness of the changing careers within the multiple formats of 21st century journalism. SPECIAL NOTE: The purpose of this course is to produce the school newspaper. Students seeking honors credit must have additional responsibilities for school publications and must attend workshops/competitions. The required selling of ads is part of the business aspect of the curriculum and can count for up to 10% of the grade. This course satisfies the computer competency requirement. PREREQUISITES: Teacher recommendation

AP Computer Science Principles

Credit: 1.0

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the JavaScript Programming language and the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

AP Computer Science A (JAVA Programming Language – FLVS Lab Course)

Credit: 1.0

The purpose of Advanced Placement Computer Science A is to provide an extensive study of the applications of



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

computing within the context of programming methodology, algorithms, and data structure using the Java programming language. The content includes, but is not limited to, emphasis on structured and logical design of computer programs and advanced topics such as controls, structures, and file manipulation in Java. This course is taught in class with a facilitator and an FLVS teacher online..

Culinary Arts I

Credit 1.0

This course covers the history of the food service industry and careers in that industry. Also covered are state mandated guidelines for food service and how to attain food handler training certification; safety in the workplace; employability skills; leadership/teamwork skills; identification, care and use of commercial culinary equipment; understanding basic food science and basic nutrition; and following standardized recipes in about 10 food preparation labs.

Pre-Req: Culinary Application

Culinary Arts II

Credit 1.0

In this course students will learn and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus. It is designed to prepare students for gainful employment and/or entry into the food production and service industry.

Pre-Req: Successful completion of Culinary I with A or B average and teacher recommendation

Culinary Arts III Honors

Credit 1.0

In this course the student will develop a business plan to create a restaurant and through utilization of technology in the workplace research career opportunities in professional cooking/baking; Through foodservice management skills the student will follow guidelines on food selection, purchasing, Cost control techniques, and storage; and use

communication skills. Students will be tested as food safety managers through training/certification programs that are acceptable in Florida (ServSafe Foodservice Manager).

- **Honors Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. We progress at a faster pace where students are expected to exhibit the following skills: **Effective Time Management, Intellectual Curiosity, Adaptability and Resilience, Strong Work Ethic**

Pre-Req: Teacher recommendation

Culinary Arts IV Honors

Credit 1.0

In this course students will demonstrate advanced preparation skills for baking and pastry products, apply the knowledge and skills necessary to successfully cater an event, demonstrate advanced preparation skills for various proteins, develop and implement a capstone project, describe the requirements to be a successful entrepreneur and small business owner in the hospitality industry

- **Honors Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. We progress at a faster pace where students are expected to exhibit the following skills: **Effective Time Management, Intellectual Curiosity, Adaptability and Resilience, Strong Work Ethic**
- Successful completion of course sequence and exam will earn a student ServSafe Certification in Culinary Honors level 3

Pre-Req: Teacher recommendation

Digital Information Technology

Credit: 1.0

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services;



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design.

Introduction to Engineering Design

Credits: 1.0

Introduction to Engineering Design course teaches problem-solving skills using the design development process. Models of production solutions are created, analyzed, and communicated using solid modeling computer design software. It also meets the computer requirement for high school graduation. UPON COMPLETION OF A SEQUENCE OF THREE TECHNOLOGY COURSES STUDENTS MAY BE ELIGIBLE FOR A FLORIDA GOLD SEAL VOCATIONAL SCHOLARS AWARD.

Principles of Engineering Design

Credits: 1.0

Principles of Engineering course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes to 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. Emphasis will be on individual and group work.

Computer Integrated Manufacturing

Credits: 1.0

This course applies principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design, and Design and Drawing for Production. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included.

Engineering Design & Development

Credits: 1.0

The purpose of this course is to serve as a capstone course to provide students with the opportunity to develop a solution to a design problem from start to finish. Students work in teams to design, engineer, create a prototype, perform product testing, and then produce a finished product. This would involve using ALL of the knowledge previously learned, not only in technology

education, but across the curriculum. Students will be expected to create and deliver a formal report on the project.

Digital Electronics

Credits: 1.0

This is a course in applied logic that encompasses the application of electronic circuits and devices. Students are exposed to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

Foundations of Programming Honors (Python Programming Language)

Credit: 1.0

This course is a yearlong Computer Science course.

Digital Video Technology (DVT) I Honors

Credit 1.0 – satisfies art requirement

This course is an overview of the basics of television and film production. Topics include camera operation, lighting, sound design, video editing and basic acting for TV/film. Students will complete projects such as commercials and music videos in year one. This is an entry level course to prepare a student to work in the television and film industries and students receive an honors credit. Students will take their industry certification exam in Adobe Photoshop in level 1.

Digital Video Technology II Honors

Credit 1.0

This course is the follow up to DVT I and is also an honors credit. Students learn advanced skills in photography, editing, lighting and sound design through projects in storytelling. The main focus of year 2 in the program is producing the weekly newscast for the school. The newscast involves general assignment reporting, sports reporting and other story segments like cooking and business reporting. Students will take their industry certification exam in Adobe Premiere Pro in level 2.



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Prerequisite: Completion of Digital Video Technology I

Digital Video Technology III-IV Honors

Credit 1.0

These honors courses focus on honing a student's skills in the area of TV Production and Filmmaking. Primary focus moves from short form storytelling through the newscast, to longer and different forms like short film, documentary, public service announcements, music video and more. Many of these students form our national competition team.

Prerequisite: Completion of Digital Video Technology I-II

Marketing Application (DECA)

Credit: 1.0

This course is designed to provide students with an in-depth student of marketing in a free enterprise society and provide knowledge, skills and attitudes required for employment in a wide variety of marketing occupations. DECA is the co-curricular career and technical student organization, which provides leadership training experiences and reinforces specific technical skills. These activities are considered an integral part of this instructional program.

DECA is the appropriate career and technical student organization for providing leadership training and reinforcing specific career and technical skills. DECA prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality and management in high schools around the globe. Students will compete in role play scenarios or write business plans which give you the opportunity to compete at the District, State and International level each year.

Marketing Management (DECA)

Credit: 1.0

Marketing students are expected to complete the following rigorous academic tasks: Creation of a book list with presentation of a written and oral report, completion of a Company History Paper, performance demonstration of role-playing, performance of leadership activities as a member in the Career and Technical Student Organization, DECA, composition of an Internet Assessment/Career Portfolio, research five Marketing Careers, evaluation of authentic tasks identified in the Training Agreement and Training Evaluation, and

submission of a Written Research Project. DECA is the co-curricular career and technical student organization, which provides leadership training experiences and reinforces specific technical skills. These activities are considered an integral part of this instructional program.

Intro to Hospitality/Tourism

Credit: 1.0

The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

Introduction to Technology in Hospitality/Tourism

Credit: 1.0

This course is the level II Intro to Hospitality/Tourism course. The program is in flux for the 2024-25 school year as a new curriculum is being developed, focusing on social media engagement and use. Students will have an opportunity to compete in DECA events that could lead to state and international level competitions.

Intro to Hospitality/Tourism

Credit: 1.0

The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry. We use a project-based learning model and students become experts in Microsoft Office Suite. Curriculum has been created in partnership with The National Restaurant Association and The American Hotel & Lodging Association. Broward County CTACE has negotiated with various Florida colleges and secured articulation agreements that enable students who complete the Hospitality program to earn as many as 6 college credits. Students participate in the Chick Fil A Leadership Academy building their leadership skills and execute project management skills to help their community with an end of year big impact project. Students will also earn as many as 4 industry certifications



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

that will be included on their transcript and give them a competitive edge when applying to colleges. DECA participation is included as co-curricular, and students will compete in areas including Hospitality, Marketing, Business and Finance with the chance to compete internationally each year in Orlando, Atlanta, or California.

Technology for Hospitality/Tourism

Credit: 1.0

This course is the level II Hospitality course. Prerequisites: Completion of Intro to Hospitality/Tourism. Students will integrate a variety of technology platforms into real world applications that are used in Business. Students will continue mastery of Microsoft Office Suite and add Adobe Photoshop to their toolkit. In addition, students will earn the first of 4 industry certifications. Social media marketing specialist. Sponsored by the American Marketing Association students master content and learn the key social media specialisms including social campaign management, audience engagement, and content marketing. Plus, you'll learn how to use Facebook Ads, Instagram Ads and more to grow your business. DECA is the co-curricular career and technical student organization, which provides leadership training experiences and reinforces specific technical skills.

Prerequisites: Completion of Intro to Hospitality/Tourism.

Hospitality Marketing Honors

Credit: 1.0

This course is the level 3 Hospitality course. Prerequisites: Completion of Intro to Hospitality/Tourism with a B or higher. Students will be challenged as the curriculum earns honors credit. First semester students prepare and complete ServSafe Manager Industry Certification, one of the most complex and challenging industry certifications available. A complete Marketing education prepares students who plan to pursue Business, Marketing or Entrepreneurship careers. Marketing students are expected to complete the following rigorous academic tasks: Creation of a book list with presentation of a written and oral report, completion of a Company History Paper, performance demonstration of role-playing, performance of leadership activities. Students will complete a paid

internship and complete a virtual business software component that is used as part of the Marriott training program for their management team.

Hospitality Entrepreneurship Honors

Credit: 1.0

This course is the level 4 Hospitality course. Prerequisites: Completion of Hospitality Marketing Honors with a B or higher. Students will apply the knowledge they have gained over the first 3 years by starting and running a real business through the Junior Achievement Fellows program. Students will hire a Board of Directors and conceptualize a product or service and bring it to market. They will capitalize the firm by selling stock. Then they will source the product, brand it, package it, develop sales channels and supply chains and learn how to communicate the value proposition the product represents. Students keep all the profits which have ranged from \$8,000 to \$22,000 as the company is liquidated at the end of the school year. Students will also earn 2 industry certifications and will be provided a chord of distinction for graduation. First, they will earn Entrepreneurship & Small Business Masters Certification. Entrepreneurship and Small Business is a certification sponsored by Intuit and the Network for Teaching Entrepreneurship, which ensures tomorrow's leaders are prepared with the toolkit they need to get ahead in today's competitive landscape. Whether you are starting a bakery or launching the next billion-dollar startup, ESB validates a students' understanding of core business principles, including the essentials needed to launch and maintain a successful business. Then students will earn the HTM Industry Certification. This portable credential which is recognized by the hospitality industry around the world. aligns with higher level certifications offered by AHLEI, opening doors for students who want to become managers, executives, or specialized professionals in the hospitality industry.

Teacher Assisting II, III, IV

Credit: 1.0

This course is designed to develop competencies related to the role, regulations, and career path of teacher assistants; the role of education; leadership activities; instructional technology, interpersonal and communication skills; maintaining appropriate student behavior; and educational-support tasks.



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

OTHER ELECTIVES

Peer Counseling

Credit: 1.0

Peer Counselors observe national initiatives such as Anti-Bullying Week, Peace Week, Teen Dating Violence, and Disability Awareness, just to name a few. We basically provide public service announcements about important issues to the school and community. We love to spread positivity across our campus and provide peer help when requested. Peer Counseling offers an environment where you can gain self awareness and share interests and beliefs with your classmates. It's a wonderful place to be!

Prerequisite: Minimum 2.5 GPA and an application is required.

Leadership Skills (SGA)

Credit: 1.0

Student Government teaches organizational and leadership techniques to student leaders. Focus is on learning skills necessary to lead groups into achieving specified goals and objectives. Special projects and school-wide issues are used to provide field experiences for student leaders to develop their leadership skills. Leadership styles are explored so that students can find the techniques that work best for them. Exceptional leaders of the present and past are studied as role models.

Prerequisite: Requires an application with teacher recommendations.

Leadership Skills (Latinos in Action)

Credit: 1.0

This program focuses on providing students with increased opportunities for educational, service, cultural and leadership experiences, while empowering them to complete their high school education and attend a college or university after graduation. The course includes: high-quality classroom instruction on college readiness, personal development, biculturalism and professionalism; literacy tutoring opportunities at feeder elementary and middle schools; exploration of cultural heritage through literary and performing arts; and leadership opportunities

through student-led service, social and professional committees.

Prerequisite: Students must maintain a 2.0 GPA or higher.

HEALTH & FITNESS

HOPE (Health Opportunities Through Physical Education)

Credit: 1.0

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. The content includes, but is not limited to application of fitness and health concepts, risk and benefits of varying fitness levels, development of an individual wellness plan, completion of a behavior change project, analyzation of skill fitness, mental and emotional health, including depression and suicide, and tobacco, alcohol and other drug use and abuse – risk protective factors.

Special Note: This course required for graduation, if this HOPE option is chosen. Any student whose parents make a written request to the school principal shall be exempt from the HIV/AIDS and human sexuality instructional activities.

Team Sports

Credit: 1.0

In the interest of enhancing physical fitness and athletic skills, this course will develop student interest in sports, lifetime fitness, and the competitive spirit that is inherent in us all. Basic motor skills and knowledge of sports concepts are important tools in the development and continuation of an attitude of health and lifetime fitness. The following sports and skills may be covered during the course of the school year: Basketball, Volleyball, Soccer, Flag Football, Baseball/Softball.

Yoga/Aerobics

Grade(s): 10-12 Pre-Req: Successful completion of HOPE.
Credit: .5 each semester

The purpose of this course is to introduce students to the physical and mental benefits of Yoga. Students will learn the foundations of yoga while developing their muscular strength, balance and flexibility. Students will also learn a



variety of mindfulness strategies such as breathwork and meditation that can be applied in their day to day lives to manage stress and anxiety.

FINE ARTS

Acting 1

Credit: 1.0

Introductory class that includes improvisation, speech, monologues and duet acting. Inspires students confidence for public speaking and self-confidence within the group. A fun, interactive class that teaches the principles of acting.

Acting 2, 3, 4 Honors

Credit: 1.0

An advanced acting class for student who want to explore the art and style of acting deeper. Students in this class have already completed Acting 1. This class will build on the skills learned in Acting 1 and will include deeper exploration of acting techniques through improvisation, monologues, duet and ensemble acting. It will also include scene analysis and script writing.

Technical Theatre 1

Credit: 1.0

This is an introductory class that includes stage management, stage design and the theater space, introduction to lighting and sound. This class requires some after school hours for events held at school and will yield service hours for students quarterly as well as build on leadership skills.

Technical Theatre 2, 3, 4 Honors

Credit: 1.0

This is an advanced class for students who have completed Technical Theatre 1. This class builds and strengthens the skills learned in level 1 and yields more responsibility to leading in stage management, sound and lighting. Students in the class work independently on school performances, presentations and meetings throughout the school year.

Technical Design Costumes Makeup and Hair–

Credit: 1.0

This is an advanced class where students will study all facets of costume, makeup, and hair design for the stage. Students will be required to bring applicable art and craft supplies for each area as needed. Students will apply for District Thespian competition for Technical Design.

Theater Production 1, 2, 3 Honors, 4 Honors

Credit: 1.0

If you LOVE the theatre and all aspects both on the stage or behind the scenes, take this class! This is an advanced class where students will produce, direct, and design stage plays, musicals, and one acts for performance for South Florida Cappies, District Thespians and Florida State competition. Students are expected to have taken drama or musical theatre class in 8th grade if admitted as a freshman. Students must fill out an application and have an interview and audition. All students are required to participate at competition level and on all productions whether acting on the stage or working backstage in tech. Students must also be part of the drama club and gain membership to the International Thespian Society. Rehearsals require after school and possible weekend commitments (fees and fundraising are expected). Season auditions are the first week of school.

Music Theory

Credit: 1.0

Open to anyone – No experience necessary. This course delivers an introduction to music which will enable a student to pursue the piano or an instrument. Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.



Intermediate Band I, II (Symphonic Winds)

Credit: 1.0

No Audition - Open to anyone with at least one year of Band experience (Woodwind, Brass, Percussion). This is the class that ALL of the Middle School Band students should sign up for.

Advanced Band II, III, IV (Wind Orchestra)

Credit: 1.0

Audition Required – Open to the more experienced musician. (Woodwind, Brass, Percussion, Piano). Pre-requisite: instructor approval.

Jazz Ensemble I, II, III, IV (Jazz Band)

Credit: 1.0

No Audition - Open to anyone with at least one year of Band experience. (Woodwind, Brass, Drummer, Guitar, Electric Bass, Piano, Auxiliary Percussionist).

Beginning Percussion Class (Instrumental Ensemble I)

Credit: 1.0

Open to anyone – No experience necessary. Students learn to play Percussion Instruments at an entry level.

Intermediate Percussion (Instrumental Ensemble II)

Credit: 1.0

Students build off of their experience in beginning Percussion. Pre-requisite: instructor approval.

String Orchestra I, II, III, IV

Credit: 1.0

Open to String musicians (Violin, Viola, Cello, Bass). Pre-requisite: minimum of 1 year on the instrument.

Guitar I

Credit: 1.0

Open to anyone – No experience necessary. This course develops guitar performance proficiency using a variety of techniques. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style, and history; and improvisation and composition techniques. The content should include, but not be limited to, the following: performance of a variety of guitar literature using appropriate articulations, dynamics, phrasing, tempo, and style; use of proper posture, hand position, fingering, and technique; interpretation of melodic and rhythmic notation in a variety of key signatures and meters; composition, arrangement, and improvisation techniques; analysis and evaluation of individual and ensemble performance; responsible participation in music activities; roles and influence of guitar music and musicians in culture, society, and everyday life.

Guitar II

Credit: 1.0

Open to anyone with at least one year of Guitar experience. Pre-requisite: completion of Guitar I.

Piano (Keyboard)

Credit: 1.0

Keyboard enables students to develop keyboard performance proficiency. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style, and history; and, improvisation and composition techniques. The content should include, but not be limited to, the following: interpretation of melodic and rhythmic notation in a variety of key signatures and meters; use of proper posture, hand position, fingering, and technique performance of a variety of keyboard literature using appropriate articulations, dynamics, phrasing, tempo, and style; composition, arrangement, and improvisation techniques; music theory and notation; analysis and evaluation of individual and ensemble performance; connections between keyboard music and other subject areas; roles and influence of keyboard music and pianists in history, culture, society, and everyday life.



Color Guard (Dance/Eurhythmics)

Credit: 1.0

Dance Rep/ Eurhythmics is a full year performance-based course that combines Flanagan's World Champion Color Guard skills with dance class. Students will learn the fundamentals of movement and color guard as well as have the opportunity to participate in performances after school alongside the marching band and winter guards. There will also be several opportunities for travel with performances. No experience is needed and tryouts for the after-school portion of the program will take place May 7th, 9th, 14th, 21st & 28th from 4:30-6:30pm in the FHS mini-gym. For examples of Flanagan Color Guard performances go to www.youtube.com and search "Flanagan Color Guard." For questions, contact Mr. Broadbent, Flanagan Color Guard Director at DnBroad@me.com.

Course Options Include: Dance Repertory I (no prerequisite for level I), Dance Repertory II, III, IV (II – IV is for World Guard and participation in the after-school color guard is required, additionally, instructor approval is required for level III and IV), Eurhythmics II, III, IV (prerequisite is instructor approval).

Theater I

Credit: 1.0

Open to anyone. Introductory class that includes dramatic history; studies Greek, Roman, Asian, and Elizabethan theater. Basic language of the stage and performing arts, as well as theatre appreciation.

Theater II, III & IV

Credit: 1.0

Theater II, III & IV continues to build on the momentum from the preceding course.

Musical Theater

Credit: 1.0

Musical Theater provides an opportunity to study and perform scenes from varied styles of musical theater with special attention to the fundamentals of stage movement, acting, characterization, and all other aspects of the production of a musical. The content should include, but

not be limited to, the following: performance and auditioning techniques (dance, acting, singing); music theory and sight singing; production techniques (lighting, sound, set design, costuming, make-up, stage direction); analysis and evaluation of musical theater performance; vocational and recreational pursuits in musical theater; connections between musical theater and other subject areas; role and influence of musical theater in history, culture, society, and individual lifestyles.

Ceramics I

Credit: 1.0

Students will recognize the stages, properties, possibilities and limitations of clay and glazes by creating functional and nonfunctional works using hand-building techniques (pinch, slab, and coil). They will learn understand the media and tools used in working with clay and fired ceramics. Numerous surface treatments and decorating techniques will be explored. Craftsmanship and quality in the surface and structural qualities of the completed art forms will be emphasized. Students in the ceramics art studio focus on use of safety procedures for process, media, and hand-building techniques. Methods of working with clay that have evolved from various cultures around the world will be discussed. This course incorporates hands-on activities and consumption of art materials.

Special Note: This introductory course fulfills the Fine Art graduation requirement and is the pre-requisite for Ceramics II.

Ceramics II

Credit: 1.0

Students will continue their exploration of the stages, properties, possibilities and limitations of clay and glazes by creating functional and nonfunctional works using hand-building techniques (pinch, slab, coil and modeling). They will understand the media and tools used in working with clay and fired ceramics. More advanced surface treatments and decorating techniques will be explored. Craftsmanship and quality in the surface and structural qualities of the completed art forms will be emphasized. Students in the ceramics art studio focus on use of safety procedures for process, media, and hand-building techniques. Methods of working with clay that have evolved from various cultures around the world will be considered. This course incorporates hands-on activities and consumption of art materials.



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Pre-requisite: completion of Ceramics I with a C or better (grades 10 – 12).

Ceramics III Honors

Credit: 1.0

Students will continue to experiment with processes, hand-building techniques, and media. They will rely on creative problem solving as they work more independently on challenges. Craftsmanship and quality are to be reflected in the surface and structural qualities of the completed art forms. Students in the Ceramics III studio focus on use of safety procedures for process, media, and hand-building techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Pre-requisite: Successful completion of Ceramics II and instructor approval (grades 11 – 12).

2-D Studio Art I, II, III Honors, AP

Credit: 1.0

This year-long intermediate-level class promotes the enjoyment and appreciation of art as students strengthen their use of media and techniques to create both teacher-assigned and self-directed two-dimensional (2D) artworks, which may include drawing, painting, printmaking, collage, and more. Special note: this course incorporates hands-on activities and consumption of art materials.

Pre-requisite: Studio Art II and III require the instructor's approval.

Portfolio Development 2D, 3D, Drawing

Credit: 1.0

Pre-requisite: Portfolio Development II and III require the instructor's approval.

AP Drawing

Credit: 1.0

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline, and breadth in drawing. The content should include but not be limited to, the following: experiences in the development of skills in the perpetual and conceptual

aspects of drawing, techniques of preparation, presentation and evaluation of portfolio content.

Pre-requisite: instructor approval.

Sculpture I, II, III Honors

Credit: 1.0

The purpose of this course is to provide a balanced visual arts program, which guides students to achieve the standards in the visual arts. In Sculpture, students explore three-dimensional form in traditional and nontraditional materials. The student will study form, volume, and space relationships through the exploration of decorative, utilitarian, and conceptual approaches to sculpture. The study of sculptural form in a variety of media during various historical and cultural periods will guide the development of the student's ability to make personal aesthetic and critical judgments. Career opportunities in the arts and arts-related fields will be explored.

Pre-requisite: Studio Art II and III require the instructor's approval.

Painting III Honors

Credit: 1.0

Pre-requisite: Instructor approval.

ARMY JROTC

Army JROTC I

Credit: 1.0

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army JROTC. The course includes development of basic leadership skills to include leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course. Emphasis is placed on writing skills and oral communication techniques. Financial planning is introduced. Physical fitness, diet, nutrition, healthy lifestyles, and awareness of substance abuse and prevention are included. Basic first aid measures are additional content areas. An overview of the globe and geography along with basic map reading skills are incorporated. Also included is a study of the U.S.



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Constitution, Bill of Rights, responsibilities of U.S. citizens, and the federal justice system.

Army JROTC II

Credit: 1.0

The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training I. This course introduces the concept of equal opportunity and fair treatment of minorities and prevention of sexual harassment. It provides instruction on leadership skills and practical time to exercise leadership theories as well as the basic principles of management. It provides self-assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts. It also includes dietary guidelines, physical fitness, and map-reading and orienteering skills. It discusses the significant events that helped shape and develop the Constitution and government and teaches the role of political parties in the election process.

Prerequisites: JROTC I.

Army JROTC III

Credit: 1.0

The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training II. This course allows cadets to investigate the interrelationships of the services while it continues to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and opportunities to handle various leadership situations as well as preventing violence and managing anger. The research, identification, planning, and execution of service learning activities are included. This course gives cadets the opportunity to apply basic concepts of career exploration strategies and planning. It teaches how to create a career portfolio and plan for college or work. Financial management principles are studied further. Skills for orienteering and/or land navigation are developed. Physical fitness is emphasized. This course includes studies in the federal judicial system and how historical events have shaped social systems.

Prerequisites: Naval JROTC II.

Army JROTC IV

Credit: 1.0

The purpose of this course is to enable students to expand on the skills taught in Leadership Education and Training III. This course focuses on creating a positive leadership situation, negotiating, decision-making, problem solving, team development, project management, and mentoring. Students will demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. The course teaches cadets how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic, and political characteristics are discussed. Concepts of democracy and freedom and their influence on local governments are also discussed.

Prerequisites: JROTC III.

WORLD LANGUAGES

French I / Spanish I

Credit: 1.0

Modern World Languages I introduces students to the target language and its culture. The student will develop communicative skills and cross-cultural understanding. Specific content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included as well as the fundamentals of grammar and culture.

French II / Spanish II

Credit: 1.0

Modern World Languages II reinforces the fundamental skills acquired by the students in Modern World Languages II. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Modern



World Languages I. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Prerequisite: Modern Language I (French I or Spanish I).

Spanish III Honors

Credit: 1.0

Modern World Languages III provides mastery and expansion of skills acquired by the students in Modern World Languages II. Specific content includes, but is not limited to, expansion of vocabulary and conversational skills through discussions of selected readings. Student's acquisition of grammatical concepts is strengthened by analyzing reading selections. Contemporary vocabulary stresses activities, which are important to the everyday life of the target language-speaking people. At least 50% of the course is conducted in the targeted language

Spanish IV Honors

Credit: 1.0

Modern World Languages IV expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

Spanish V Honors

Credit: 1.0

This course reinforces the development of oral and written communication and the study of the lives and contributions of well-known twentieth century Spanish and Hispanic American historical figures, writers, artists, and musicians, as reflected in letters, speeches, and biographies. Included in this course is practice in descriptions of story characters, real persons, animals, and natural phenomena, as well as memorization of facts and ideas.

Prerequisite: For Native Spanish Speakers.

AP Spanish Language

Credit: 1.0

Advanced Placement Modern World Languages develops oral and written fluency in the language and prepares students to take the Advanced Placement test. Specific content includes, but is not limited to, content determined by the Advanced Placement Program guidelines. Students must take the Advanced Placement World Languages exam.

Prerequisite: Modern World Languages IV or mastery of Student Performance Standards corresponding to Modern World Language IV and teacher consultation.

French III/IV Honors

Credit: 1.0

Modern World Languages IV expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

Prerequisites: Students must be enrolled in both courses.

MATH

Algebra I/IA, I, I Honors (EOC)

Credit: 1.0

Algebra I is a course designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content shall include, but not be limited to, perform set operations, use fundamental concepts of logic including Venn diagrams, describe the concept of a function, use function notation, solve real-world problems involving relations and functions, determine the domain and range of relations and functions, simplify algebraic expressions, solve linear and literal equations, solve and graph simple and compound inequalities, solve linear equations and inequalities in real-world situations, rewrite equations of a line into slope-intercept form and standard form, graph a line given any variation of information, determine the slope, x- and y- intercepts of a line given its graph, its equation or two points on the line, write an equation of a line given any variation of information, determine a line of



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

best fit and recognize the slope as the rate of change, factor polynomial expressions, perform operations with polynomials, simplify and solve algebraic ratios and proportions, simplify and perform operations with radical expressions, graph systems of linear equations and inequalities in two and three variables and quadratic functions, and use varied solution strategies for quadratic equations and for systems of linear equations and inequalities in two and three variables.

Course Options: Students will be placed in the appropriate Algebra I course according to their current performance in mathematics. The Algebra I/IA course takes two periods of the eight period schedule amassing 2.0 credits in total. The Algebra IA portion of the course may not meet the academic requirements for entry into the State University System of Florida or for some Bright Futures Scholarship Program and it does not meet requirements for NCAA.

Special Note: This course satisfies the algebra graduation requirement. Students completing this course will be required to take the State of Florida End-of Course Algebra Exam. This course meets an academic unit for some Bright Futures Scholarship Programs.

Geometry Double Block (Foundations of Math), Regular, Honors (EOC)

Credit: 1.0

Geometry is a course designed to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. The content will include geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity; properties of circles; and right triangle trigonometry.

Course Options: Students will be placed in the appropriate Geometry course according to their performance in Algebra I or Honors. The Geometry/Informal Geometry course takes two periods of the eight period schedule amassing 2.0 credits in total. The Foundational Skills in Math portion of the course may not meet the academic requirements for entry into the State University System of Florida or for some Bright

Futures Scholarship Program and it does not meet requirements for NCAA.

Prerequisite: Algebra I or Honors.

Special Note: This course satisfies the geometry graduation requirement. Students completing this course will be required to take the State of Florida End-of Course Geometry Exam. This course meets an academic unit for some Bright Futures Scholarship Program and NCAA.

Algebra II, II Honors

Credit: 1.0

Algebra 2 is a course designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include structure and properties of the complex number system; arithmetic and geometric sequences and series; relations, functions, and graphs extended to polynomial, exponential, and logarithmic functions; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; varied solution strategies including the quadratic formula for quadratic equations; conic sections and their applications; and data analysis, including measures of central tendency and dispersion, and probability, permutations, and combinations.

Prerequisite: Algebra IB/II Honors and Geometry/Geometry Honors

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Discrete Math Honors & Trigonometry Honors

Credit: 1.0

Trigonometry: the purpose of this course is to emphasize the study of functions and other skills necessary for the study of Calculus. Topics shall include, but not be limited to, polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra.

Analysis of Functions: The purpose of this course is to enable students to develop advanced mathematics knowledge and skills in algebra and trigonometry, using functions as a unifying theme. Topics shall include, but not be limited to, identify and graph transformations of functions such as linear, rational, quadratic, cubic, radical,



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

absolute value, piece-wise, polynomial, exponential, logarithmic and trigonometric, describe end behavior of polynomial functions, identify discontinuities and asymptotes of rational functions, perform operations and compositions of functions, and varied solution strategies for linear equations, inequalities, and systems of equations and inequalities, and varied solution strategies for variations, non-linear systems of equations, quadratic, polynomial, rational, radical, exponential, logarithmic equations.

Special Note: These two courses are offered in-tandem (at 0.5 credits each), they are co-requisites. Students will take Trigonometry Honors in the fall semester and Analysis of Functions Honors in the spring semester. This course meets an academic unit for some Bright Futures Scholarship Program.

Pre-Calculus Honors

Credit: 1.0

The purpose of this course is to emphasize the study of functions and other skills necessary for the study of calculus. Topics shall include, but not limited to, polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra.

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Prerequisite: Completion of Algebra II/II Honors with at least a C.

AP Calculus AB

Credit: 1.0

AP Calculus AB is a course designed to offer students college level mathematics under the guidelines of The Advanced Placement Program. Topics shall include elementary functions, hyperbolic functions, limits and continuity, derivatives, differentiation including partial differentiation, applications of the derivative, anti-derivatives, definite integrals, indeterminate forms, and applications of the integral. Students must take the Advanced Placement Examination offered by the College Board.

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Prerequisite: Pre-Calculus and teacher consultation.

AP Calculus BC

Credit: 1.0

AP Calculus BC is a course designed to offer students college level mathematics under the guidelines of The Advanced Placement Program. Topics shall include elementary functions, hyperbolic functions, limits and continuity, derivatives, differentiation including partial differentiation, applications of the derivative, antiderivatives, definite integrals, indeterminate forms, and applications of the integral. Students must take the Advanced Placement Examination offered by the College Board.

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Prerequisite: AP Calculus AB, teacher consultation

AP Statistics

Credit: 1.0

AP Statistics is a course designed to give students college level mathematics under the guidance of the Advanced Placement Program. Topics shall include exploratory data (observing patterns and departing from data, planning a study, deciding what and how to measure), producing models using probability and simulation, and statistical inference. Students must take the Advanced Placement Examination offered by the College Board.

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Prerequisite: Algebra 2 Honors and Teacher consultation

Probability & Statistics Honors

Credit: 1.0

Probability and Statistics is a full year course designed to explore the concepts of probability, elementary statistics, and hypothesis testing. Topics shall include, but not be limited to random experiments, probability concepts, permutations, combinations, sample space, binomial distribution, concepts of descriptive statistics, measure of central tendency, measures of variability, normal distribution, the t-distributions, the chi-squared



distributions, the F-distributions, and applications of various nonparametric statistical tests.

Special Note: This course meets an academic unit for some Bright Futures Scholarship Program.

Prerequisite: Completion of Algebra II/II Honors.

Math For College Liberal Arts

Credit: 1.0

This course is for students who have taken Algebra 1 and Geometry and need more time to remediate their foundational algebra skills. It is targeted for students, whose test scores on the Algebra 1 EOC and Geometry EOC are at or below the established cut scores for mathematics, indicating that they are not yet “college ready” in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Common Core Standards for Mathematical Practices as well as the following Common Core Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Common Core Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Prerequisite: Must have taken Algebra I and Geometry.

Math For College Algebra

Credit: 1.0

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

Prerequisite: Algebra 2.

Math for Data & Financial Literacy

Honors

Credit: 1.0

This course is targeted for grade 12 students and instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short-and long term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

Prerequisite: Must be a senior who has met their Algebra I and Geometry EOC graduation requirements.

AICE Thinking Skills

Credit: 1.0

Counts as an elective course. Emphasis on Critical Thinking Skill, Problem Solving, Reasoning, and Mathematics.

Prerequisite: Algebra 1 EOC Score of a 4 or 5 and FAST ELA score of at least a 3.

SCIENCE

Anatomy and Physiology (Honors)

Credit: 1.0

Anatomy & Physiology I Honors will provide students with advanced activities in the structure and function of the components of the human body. Lab activities that include the use of the scientific method, measurement, laboratory apparatus, and dissection are an integral part of this course.

Prerequisite: minimum of a B in other science classes and a teacher recommendation.

Anatomy and Physiology II Honors

Credit: 1.0



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

This course will build upon the foundation of Anatomy and Physiology I Honors, exploring advanced topics including hematology, endocrinology, immunology, gastroenterology, and nutrition. Students will investigate these topics through dissections, simulations, and independent research. Anatomy and Physiology II Honors is designed to prepare students for college level courses in biological sciences.

Prerequisite: completion of Anatomy and Physiology I Honors with B or higher

Astronomy Honors

Credit: 1.0

Students enrolled in Astronomy Honors will learn about space from the inside out – starting near Earth and then moving out to the farthest reaches of the Universe. Topics covered include navigation of the sky, a history of astronomy, laws of physics, and the tools of astronomy. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

Prerequisite: completion of Honors Science classes with B or higher

Marine Science I (Regular & Honors)

Credit: 1.0

Marine Science I is an interdisciplinary course in which students will learn about the geology, chemistry, physics, biology, and ecology of the ocean environment. This course provides opportunities for student participation in experimentation, dissection, and written lab reports.

Marine Science II (Honors)

Credit: 1.0

A very specified Marine Science Class with more in-depth exploration of topics from Marine Science I, in addition to examining major issues in aquatic systems and understanding how the ocean environment impacts the rest of the world. A more in-depth view into specific species, ecosystems, and native marine habitats will be explored. Student experimentation, dissection, and written lab reports are a crucial part of this course.

Prerequisite: passing of Marine Science I Honors with B or higher

Biology I and I Honors

Credit: 1.0

Biology I will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include, but not be limited to: the scientific method, cell biology and cell reproduction, principles of genetics, biological change through time, classification, microbiology, structure and function of plants and animals, structure and function of the human body, and ecology. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and lab safety, are an integral part of this course.

AP Biology

Credit: 1.0

AP Biology will provide students with a college level course in biology and will prepare the student to seek credit and/or appropriate placement in college biology courses. Topics will include, but not be limited to: molecular and cellular biology, organismal biology, and population biology. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and lab safety, are an integral part of this course. Students must take the Advanced Placement Biology exam.

Prerequisites: A or B+ in Biology I Honors; A or B+ in Chemistry I Honors; A or B in Algebra II Honor

Chemistry I and I Honors

Credit: 1.0

Chemistry I will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include, but not be limited to: classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions, balanced equations, behavior of gases, physical changes, acids, bases, and salts. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

AP Chemistry

Credit: 1.0



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

AP Chemistry will provide students with a college level course in chemistry and will prepare the student to seek credit and/or appropriate placement in college chemistry courses. Topics will include, but not be limited to: structure of matter, states of matter, chemical reactions, and descriptive chemistry. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course. Students must take the Advanced Placement Chemistry exam.

Prerequisites: A in Chemistry 1 Honors; A in Algebra II Honors

Physical Science

Credit: 1.0

This course is designed as an introduction to basic physics and chemistry concepts. Topics of study may include motion, electricity, waves, matter, chemical properties, and chemical reactions. Students will use scientific inquiry and higher-order problem solving as they explore topics through interactive simulations and hands-on experiments. Collaborative projects and individual assessments aid the student in demonstrating an understanding of the importance of the physical and chemical properties of the world around them.

Physics I and Physics I Honors

Credit: 1.0

Physics I will provide opportunities to student for an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topic will include but not be limited to: kinematics, dynamics, energy, work and power, heat, thermodynamics, wave characteristics, light, electricity, magnetism, and nuclear physics. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of this course. Literacy is infused through instructional practices while the mathematical practices focus on applying critical thinking and logical reasoning skills.

Special Note: This course meets an academic unit for NCAA.

AP Physics 1

Credit: 1.0

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore the topics of kinematics, dynamics, gravitation, energy, momentum, and electricity. Hands-on laboratory work, with an emphasis on inquiry-based investigations, will provide students with opportunities to demonstrate the foundational physics principles and apply science practices.

Prerequisites: B or higher in Honors Chemistry; B or higher in Algebra II Honors

AP Physics C

Credit: 1.0

AP Physics C will provide students with a college level course in physics and will prepare students to seek credit and/or appropriate placement in college physics courses. Topics will include, but not be limited to: (a) mechanics-kinetics, Newton's Laws of Motion, work, energy, power, systems of particles, statics, rotational motion, oscillations gravitation; and, (b) electricity and magnetism, electrostatics, electric current and circuits, capacitance, magnetostatics, and electromagnetism. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course. Students must take the Advanced Placement Physics C exam.

Prerequisite: completion of AP Physics 1

Integrated Science Honors

Credit: 1.0

Integrated Science Honors is an interdisciplinary science course, enabling students to tackle real-world challenges through project-based learning and science, technology, engineering, and mathematics methodologies. Students will participate in hands-on experiences, collaborative projects, and inquiry driven learning to deepen their understanding of scientific principles and develop usable skills for post-graduation life. Topics covered may include forensics, robotics, programming, environmental issues, and scientific literacy.



Prerequisites: completion of Biology Honors with C or higher OR completion of Biology Regular with B+ or higher; teacher recommendation

AP Environmental Science

Credit: 1.0

AP Environmental Science will provide students with a college level course in environmental science and will prepare students to seek credit and/or appropriate placement in college environmental science courses. Topics will include but not be limited to: ecosystem dynamics, biodiversity, dimensions and causes of population growth, natural cycles, pollution, and resources. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course. Students must take the Advanced Placement Environmental Science exam.

Prerequisite: A or B in Biology 1 Honors, A or B in Chemistry 1 Honors completed, teacher recommendation

AICE Marine Science

Credit: 1.0

Course Topics: Physical/Chemical Oceanography, Energy Transfer-Nutrient Cycles, Predator/Prey Relationships, Ocean Geography, Darwin-Dana-Daly Theory of Atoll Formulation.

Prerequisites: A or B in Biology Honors; A or B in Algebra I concurrent or previous completion of Chemistry

SOCIAL STUDIES

African History Honors

Credit: 1.0

The African History course consists of the following content area strands: World History, American History, Geography, Economics, and Humanities. The primary content emphasis for this course pertains

to the study of the chronological development of Africa by examining the political, economic, social, religious, military and cultural events that affected the continent. Students

will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of the continent including, but not limited to, the physical geography of Africa, prehistory on the African continent, early African civilizations and empires, traditional African religious tradition and cultures, colonialism in Africa, the evolution of political systems and philosophies in African societies and nations, African independence movements and nationalism, major historical figures and events in African history, and contemporary African affairs.

AP Human Geography

Credit: 1.0

AP Human Geography, an elective, will emphasize the importance of geography as a field of inquiry and briefly discuss the emergence of academic geography in nineteenth century Europe. The course introduces students to the importance of spatial organization-the location of places, people, and events, and the connections among people and landscapes - in the understanding of human life on Earth. Content will include, but not be limited to, how to use and make maps, application of mathematical formulas, models, and qualitative data to geographical concepts, and regional organization of various phenomena. Course outline will adhere to guidelines of The College Board. Students must take the AP Human Geography exam.

Prerequisite: A or B in previous Honors Social Studies courses and Social Studies teacher consultation.

History of the Holocaust Honors

Credit: 1.0

The History of the Holocaust course pertains to the examination of the events of the Holocaust (1933-1945), the systematic, methodically planned, and annihilation of European Jews. Students will explain the effect Nazi policies had on other groups targeted by the government of Nazi Germany. Students will analyze the circumstances from the end of the First World War, the effects of the Treaty of Versailles, the duration of the Weimar Republic and Hitler's rise to and consolidation of power. Students will explore the pseudoscientific and eugenic roots of Nazi ideology, the development of anti-Jewish policies and the Nazi propaganda campaign.



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

Special Note: History of the Holocaust Honors & World Literature Honors must be paired to receive a full credit (0.5 credits each).

International Relations Honors

Credit: 1.0

The International Relations course pertains to the study of the functions of the global community, the nature of the modern national state, national goals, and how nations communicate and negotiate to facilitate these goals. Content should include, but is not limited to, the origins of the nation-state system, the role of power politics in the nuclear age, factors that influence relations among nations, such as world population growth, food and other resources, environment, human rights, terrorism, cultural differences, world trade, and technology, ways in which governments conduct foreign policy, the role of international organizations in promoting world peace, the role of women and diverse cultural groups within and among nations, and career opportunities available in international relations.

World History & Honors

Credit: 1.0

World History will provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Specific content to be covered will include, but not be limited to, an understanding of geographic-historic and time-space relationships, a review of pre-history, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies.

AP World History

Credit: 1.0

The AP World History course offers motivated students the opportunity to immerse themselves in the process that, overtime, have resulted in the knitting of the world into a tightly integrated whole. The course highlights six themes that allow the students, throughout the course, to make comparisons, construct and evaluate arguments,

assess issues of change and continuity, handle diverse interpretations through analysis of context, bias and frame of reference, and using documents and primary data in developing the skills necessary to analyze point of view, context and bias. These themes will cover 4 chronological periods from approximately 1000AD to the present with careful preparation in terms of previous developments known as the Foundations segment. The themes include: Impact of interaction among major societies, The relationship of change and continuity, Impact of technology and demography on people and environment, Systems of social structure and gender structure, Cultural and intellectual developments, Changes in functions and structures of states and in attitudes toward states and political identities. Students must take the Advanced Placement World History Exam

Prerequisite: A or B in previous Honors Social Studies and English 1 courses and Social Studies teacher consultation

Sociology Honors & Ethics Honors

Credit: 1.0

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

The Ethics course pertains to the study of the foundations of ethical thought and theories and the process of moral development. Content should include, but is not limited to, the sources of ethical beliefs and practices, traditional ethical theories, the strengths and weaknesses of the principal models of moral development, the typical fallacies in flawed moral arguments, the difference between an ethical choice and a legal decision, major ethical questions in American society such as public service, law, the workplace, bioethics, and new technologies, and current ethical issues in the local and national arena.

Special Note: Sociology Honors & Ethics Honors must be paired to receive a full credit (0.5 credits each).

Personal Finance/Economics & Honors

Credit: 1.0



In Economics and Personal Finance, instructional time will emphasize eight areas: (1) developing fundamental concepts of economics, (2) using microeconomic concepts to describe how individual consumers, businesses, and government make decisions in a market economy and understand the benefits of using the market to distribute goods, (3) using macroeconomic concepts to understand the key indicators that measure the economy and how fiscal and monetary policy can be used to influence the economy and reduce the swings of the business cycle, (4) exploring international trade, analyzing the gains countries could receive through trade and understanding the stages of economic development, (5) exploring personal financial decisions, including understanding cognitive biases' impact on decision-making and developing personal or family budgets to weigh the costs and benefits of purchasing goods and services, (6) understanding how wages and salaries are earned, the types of taxes owed, evaluating post-secondary paths, career options, and planning for future through investment accounts and retirement plans, (7) analyzing the benefits of saving now by earning interest, comparing various savings accounts and services offered by financial institutions, determining the advantages and disadvantages of credit accounts and loans, and comparing investment choices by analyzing rates of return, risk, diversification, and associated fees; and (8) recognizing and mitigating risks that can result in lost income, health, or identity through insurance and other risk management strategies.

Psychology

Credit: 1.0

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. The Common Core State Standards for Literacy in History/Social Studies are included in this course. The content should include, but is not limited to, the following: major theories and orientations of psychology: psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, mental health.

US History & Honors

Credit: 1.0

United States History course consists of the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. Students must take the End of Course Exam.

US Government/Law

Credit: 1.0

American Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process. This course is paired with a semester of Economics.

Economics will provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. Content will include, but not be limited to, using economic principles and reasoning in reaching decisions in the market place. Necessary to that understanding are the roles and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, comparative advantage, division of labor, interdependence, how markets work, savings and investment, specialization, the role of the citizen as producer, consumer, and decision-maker, the role and



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

function of government policy, the role of money, financial institutions and labor, distinctions between micro and macro-economic problems, and the similarities and differences of other economic systems. This course is paired with a semester of American Government.

Special Note: US Government and Economics must be paired to receive a full credit (0.5 credits each).

US Government/Economics Honors

Credit: 1.0

Students will acquire a comprehensive understanding of government and political behavior in American Government Honors. Appropriate concepts and skills will be developed through an evaluation of the Declaration of Independence, the Constitution, and the Bill of Rights, an analysis of the roles of the three branches of government at the local, state, and national levels, a comparative view of the changing roles of the three branches of government at the local, state, and national levels, a comparative view of the changing nature of political parties and interest groups in determining government policy, an evaluation of citizen rights and responsibilities in a democratic state, and the importance of civic participation in democratic political processes. This course is paired with a semester of Economics Honors.

Economics Honors will provide students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Specific content to be covered will include, but not be limited to, the role and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs, economic incentives, specialization, comparative advantage, division of labor, interdependence, price determination, types of market failures, savings and investment, the role and function of governmental policy, labor supply and demand, the distinction between micro and macroeconomic problems, types of competition, inflation, unemployment, monetary and fiscal policy, and socioeconomic goals: freedom, economic efficiency, equity, full employment stability, and

growth. This course is paired with a semester of Honors American Government or a semester of AP American Government.

Special Note: US Government Honors and Economics Honors must be paired to receive a full credit (0.5 credits each).

World Geography & Honors

Credit: 1.0

World Cultural Geography places emphasis for this course to the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content should include, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity, patterns of population growth and settlement in different cultures and environments, the interaction between culture and technology in the use, alteration and conservation of the physical environment, and the interrelationships and interdependence of world cultures.

World History & Honors

Credit: 1.0

The World History course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

AP Human Geography

Credit: 1.0

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Students must take the AP Human Geography Exam. Prerequisite: A or B in previous Honors Social Studies courses and Social Studies teacher consultation.

AP Psychology

Credit: 1.0

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. Students must take the Advanced Placement Psychology Exam.

Prerequisite: Social Studies teacher consultation.

AP US Government/ Comprehensive Law Honors

Credit: 1.0

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Underpinning the required content of the course are several big ideas that allow students to create meaningful connections among concepts throughout the course. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political

science research or applied civics project. Students must take the Advanced Placement U.S. Government and Politics Exam.

In the Comprehensive Law Course the primary content for the course pertains to the study of the components and processes associated with the American legal system and the comprehensive examination of the civil and criminal justice systems. Content should include, but is not limited to, the historical antecedents and purpose for laws, the impact of social values on the establishment and interpretation of laws, causes and consequences of crime, evaluation of the adult and juvenile justice systems, significance of the Bill of Rights to the American legal system and elements of constitutionalism, civil and criminal law, family and consumer law, rights and responsibilities under the law, and the adversarial versus inquisitorial systems of justice. This course will incorporate the development of a written appellate brief addressing a contemporary legal question and the presentation of oral arguments to defend their position legally.

Special Note: AP US Government and Law Honors must be paired to receive a full credit (0.5 credits each).

Prerequisite: An A or B in previous Honors Social Studies courses and Social Studies teacher consultation.

AP US History

Credit: 1.0

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections

Prerequisite: Social Studies teacher consultation.

among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

structures. Students must take the Advanced Placement U.S. History Exam.

Prerequisite: An A or B in previous Honors Social Studies courses and Social Studies teacher consultation.

AP World History: Modern

Credit: 1.0

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students must take the Advanced Placement World History Exam. Prerequisite: A or B in previous Honors Social Studies courses and Social Studies teacher consultation.

AP Microeconomics

Credit: .5

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Students must take the Advanced Placement Microeconomics Exam.

Prerequisite: Social Studies teacher consultation.

Special Note: Paired with Macroeconomics for a full year course of 1.0 credits.

AP Macroeconomics

Credit: .5

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Students must take the Advanced Placement Macroeconomics Exam.

Prerequisite: Social Studies teacher consultation.

Special Note: Paired with Macroeconomics for a full year course of 1.0 credits.

Philosophy Honors

Credit: 1.0

The primary content emphasis for this course pertains to the study of, the definition and historical application of philosophy. Content should include, but is not limited to, the study of classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and major figures of social, political and religious philosophies. Explore the nature of reality, theories of knowledge, and the study of value.

Special Note: Dual Enrollment Critical Thinking & Philosophy Honors must be paired to receive a full credit (0.5 credits each).

Dual Enrollment Critical Thinking/Philosophy Honors

Credit: 1.0

The Critical Thinking Dual Enrollment Course through Broward College offers students an opportunity to explore a variety of learning strategies to kickstart the college experience, identify career options and pathways to success, and develop skills for lifelong and responsible citizens.



Philosophy Honors

Credit: 1.0

The primary content emphasis for this course pertains to the study of, the definition and historical application of philosophy. Content should include, but is not limited to, the study of classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and major figures of social, political and religious philosophies. Explore the nature of reality, theories of knowledge, and the study of value.

Special Note: Dual Enrollment Critical Thinking & Philosophy Honors must be paired to receive a full credit (0.5 credits each).

ELA & READING

English I and I Honors

Credit: 1.0

English I provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. It offers instruction in reading and vocabulary strategies necessary for comprehension of printed materials; research; the writing of effective paragraphs and multi-paragraph papers, with emphasis upon all stages of the writing process in prepared or timed form (prewriting, drafting, editing, proofreading, publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres, and the study of language concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the courses.

English II and II Honors

Credit: 1.0

English II provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. Content includes instruction in reading literature and vocabulary strategies necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and nonliterary subjects; prepared and timed writings, utilizing all elements of the writing process where appropriate

(prewriting, drafting, editing, revising and publishing); emphasis of applicable research, viewing, listening, observing, and speaking skills; analysis of selections found in world literature; study of grammar, mechanics, usage and other conventions of standard written English; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into all aspects of the course.

Prerequisite: One English credit.

English II Through ESOL

Credit: 1.0

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of activities and content areas. The content should include, but not be limited to, the following: vocabulary for formal and informal conversation; reading and writing skills; integrated communication skills for school and work.

Special Note: For Non-English Speakers.

English III and III Honors

Credit: 1.0

English III provides instruction in the language arts strands of reading, writing, speaking, listening viewing, language, and literature. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/projects. Reference and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, editing, revising, and publishing). This study will include the analysis of representative examples of American literary works in various genres as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into all aspects of the course.



Prerequisite: Two English credits.

English III Through ESOL

Credit: 1.0

Special Note: For Non-English Speakers.

English IV and IV Honors

Credit: 1.0

English IV provides instruction in the critical analysis of representative examples from British literature as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school. Opportunity is provided to extend speaking, viewing, observing, researching, and listening skills. Content includes instruction in vocabulary strategies and reading necessary for comprehension of printed materials. Technology is incorporated into all aspects of the course.

Prerequisite: Three English credits.

AP English Language/Composition

Credit: 1.0

AP English Language provides a study of the semantic, structural, and rhetorical resources of the English language, as they relate to the principles of effective writing. Examples of prose from various fields and periods serve as models of effective writing. This course provides a variety of writing opportunities that require the use of different styles and tones. Students develop individual writing styles adaptable to writing needs in college. Students must take the Advanced Placement Examination offered by the College Board.

Prerequisite: Two English credits.

AP English Literature/Composition

Credit: 1.0

AP English Literature involves students in the study of the semantic, structural, and rhetorical resources of the English language, as they relate to the principles of effective writing. Students learn to use the modes of discourse and to recognize the assumptions underlying

various rhetorical strategies. Students acquire an understanding of the resources of the language and an understanding of the writer's craft. Students develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. Students must take the Advanced Placement Examination offered by the College Board.

Prerequisite: Three English credits.

Creative Writing I, II, III, IV

Credit: 1.0

In creative writing, students will have an opportunity to practice their unique styles in many different writing genres such as narratives, fables, myths, short stories, poetry, and more. Students are expected to share some of what they write and offer constructive feedback on what others share.

Journalism I, II, III, IV (Yearbook)

Credit: 1.0

Journalism provides instruction in aspects of journalism and workshop experience in journalistic production. Instruction will be given in recognizing and writing news for journalistic media and in developing editorials, sports articles, feature stories, entertainment reviews, and cartoons. In addition to written work, students will receive instruction in the history and traditions of journalism, as well as workshop experiences in design, advertising, research, interviews, and other practical aspects of journalistic enterprise. In connection with workshop experiences, one or more student journalistic productions may be included.

Special Note: Students who enroll in Yearbook will be required to dedicate a significant amount of time after school attending school sponsored events to chronicle the year's events.

Debate I, II, III, IV, V, VI Honors (Competitive)

Credit: 1.0

The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as it applies to oral communication concepts and strategies for public debate in a variety of



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

settings. Students must compete in after-school and/or weekend tournaments.

Special Note: Student must participate in after-school and/or weekend tournaments.

AICE General Papers

Credit: 1.0

English language course with an emphasis on deep analysis, critical thinking, research and evidence-based argumentation.

Prerequisite: Passing FAST ELA Score.

DUAL ENROLLMENT

Dual Enrollment classes require a 114 on the PERT test to qualify for enrollment. PERT Testing Tickets are available in Guidance and can be used to bypass the cost of an off-site PERT test.

AVAILABLE FOR THE FALL TERM

Intermediate Algebra (MAT1033)

High School Credit: 0.5 College Credit: 3.0

This is a course designed for students with strong arithmetic skills (without requiring a calculator) and an algebra background. This course will extend students' algebra skills to include solving systems of linear equations in two variables, factoring polynomials, performing operations on rational expressions, solving rational equations, solving quadratic equations with complex solutions and recognizing relationships between radical expressions and rational exponents. Problem solving involving real-life scenarios is an integral part of this course. In this course, students will enhance their problem-solving abilities and their ability to communicate concepts of algebra in the language of mathematics both orally and in writing.

Total Wellness (HLP1081)

High School Credit: 0.5 College Credit: 3.0

This course only meets twice a week and satisfies your online credit. Total Wellness emphasizes the importance of knowledge, attitudes, and practices relating to personal wellness. It is a course designed to expose students to a

broad range of issues and information relating to the various aspects of personal wellness including physical, social emotional, intellectual, spiritual and environmental wellness. This course integrates personal wellness and fitness in both a classroom and exercise environment. Evolving current topics such as nutrition, disease prevention, stress reduction, exercise prescription, and environmental responsibility are integrated to enable the student to understand the lifelong effects of healthy lifestyle choices.

Composition I (ENC1101)

High School Credit: 0.5 College Credit: 3.0

ENC1101 is a university parallel course that requires students to learn and practice writing by creating original compositions, exploring basic rhetorical forms such as narration, exposition, and argumentations. Students will also develop research skills and learn to incorporate research material through the writing process. For non-exempt students, placement in ENC1101 is determined by both standard and departmental assessment tests. Students must earn a grade of C or higher to meet the requirements of the Gordon Rule for writing. This is a writing credit course that focuses on extensive writing and revision.

Developmental Psychology (DEP2004)

High School Credit: 0.5 College Credit: 3.0

This is a developmental psychology course that considers human growth from conception to death. This course covers the physical, cognitive, and psycho-social process of human development. It is designed to give a general overview of the developmental processes. This is a writing credit course with International /Intercultural content. Students must earn a minimum grade of C to meet the requirements of the Gordon Rule for writing.

Strategies for Success (SLS1001)

High School Credit: 0.5 College Credit: 3.0

This course is tailored for First Time in College students and provides opportunities to: learn about Broward College and higher education; acquire and practice learning strategies; explore personal learning styles; identify career options; and develop life-long skills for responsible citizenship



MSD COURSES

2024 - 2025

Read about the variety of Elective and Core Academic courses Stoneman has to offer.

AVAILABLE FOR THE SPRING TERM

Composition II (ENC1102)

High School Credit: 0.5 College Credit: 3.0

Composition II is designed to further develop a student's communication skills by building on the writing and critical thinking strategies learned in ENC1101. The course requires students to observe the conventions of Standard American English and create documented essays, demonstrating a students' ability to think critically and communicate analytically. Selected texts supplement the course and provide topics for discussion and assignments. Students use library research methods for primary and secondary sources to produce MLA style-documented and well-argued research essays and projects. This is a writing credit course. Students must earn a minimum grade of C to meet the requirements of the Gordon Rule for writing.

Prerequisite: Composition I (ENC1101)

College Algebra (MAC1105)

High School Credit: 0.5 College Credit: 3.0

This course contains topics such as solving and graphing linear, absolute value and quadratic inequalities; properties of exponents and logarithms; solving radical, absolute value, exponential and logarithmic equations; properties and graphs of quadratic, absolute value, square root, cubic, and cube root functions; and systems of linear equations and inequalities. Applications appear throughout the course.

Developmental Psychology (DEP2004)

High School Credit: 0.5 College Credit: 3.0

This is a developmental psychology course that considers human growth from conception to death. This course covers the physical, cognitive, and psycho-social process of human development. It is designed to give a general overview of the developmental processes. This is a writing credit course with International /Intercultural content. Students must earn a minimum grade of C to meet the requirements of the Gordon Rule for writing.

Total Wellness (HLP1081)

High School Credit: 0.5 College Credit: 3.0

This course only meets twice a week and satisfies your online credit. Total Wellness emphasizes the importance of knowledge, attitudes, and practices relating to personal wellness. It is a course designed to expose students to a broad range of issues and information relating to the various aspects of personal wellness including physical, social emotional, intellectual, spiritual and environmental wellness. This course integrates personal wellness and fitness in both a classroom and exercise environment. Evolving current topics such as nutrition, disease prevention, stress reduction, exercise prescription, and environmental responsibility are integrated to enable the student to understand the lifelong effects of healthy lifestyle choices.

Strategies for Success (SLS1001)

High School Credit: 0.5 College Credit: 3.0

This course is tailored for First Time in College students and provides opportunities to: learn about Broward College and higher education; acquire and practice learning strategies; explore personal learning styles; identify career options; and develop life-long skills for responsible citizenship.