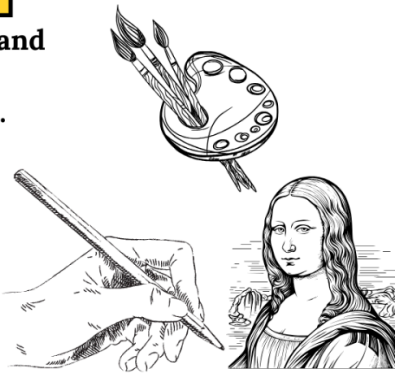


VISUAL ARTS BEGINNING

9th-12th GRADE

COURSE DESCRIPTION

This course introduces the elements and principles of design through an exploration of a broad range of media. Activities emphasize skills and techniques in the following areas: drawing, painting, graphics, fibers, ceramics, art history, and three-dimensional design (fibers, ceramics, etc.).



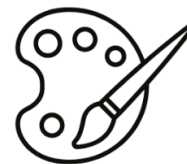
ACTIVITIES



Composition, Drawing and painting techniques, perspective, portraits, collage and ceramics.

WHAT ARE OTHER STUDENTS SAYING

"If you love to be creative, this is a class for you."
"I loved trying new art styles!"



VISUAL ARTS INTERMEDIATE

9th-12th GRADE
(PREREQUISITE- V.A. BEGINNING)

COURSE DESCRIPTION

This course offers an in-depth study of design through repeated use of art elements and principles, while expanding technical abilities. Design is taught through experiences in the following areas: drawing and painting, art history printmaking (silk screening, lino cuts and/or woodcuts), and three-dimensional design (wood, clay, fibers).



ACTIVITIES



printmaking, clay, painting with (tempera, watercolor and acrylic), mixed media projects

WHAT ARE OTHER STUDENTS SAYING

“I like that we got to experience printmaking. Its challenging and different.”



VISUAL ARTS PROFICIENT HONORS

10th-12th GRADE
(PREREQUISITE- V.A. INTERMEDIATE)

COURSE DESCRIPTION

*This level of advanced art involves more in-depth knowledge of processes, media, history, and the development of art. Students understand and apply all skills through a variety of media. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students are encouraged to explore a variety of media, to produce experimental culturally significant works of art, and to gain an extensive knowledge of art history.



ACTIVITIES



Students will experience mixed media, printmaking, painting, compositional planning, small series/inquiry based projects

WHAT ARE OTHER STUDENTS SAYING

“Art 3 is a fun class where we got to try new media and projects that are unique and interesting. “

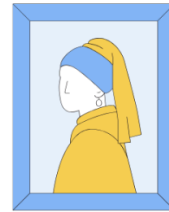


VISUAL ARTS ADVANCED HONORS

10th-12th GRADE
(PREREQUISITE- V.A. PROFICIENT)

COURSE DESCRIPTION

This course offers a concentrated study in areas chosen by the art teacher and the student. Students are challenged by the teacher to evaluate their art products to solve problems in terms of the chosen art media, and learn concepts and skills as they relate to personal art expressions. Students will be working towards specific portfolio goals in Drawing/Painting, Color & Design, artist research, and a concentrated area of study where the work will focus on a specific theme or the student's choosing.



ACTIVITIES



Mixed media with advanced layering, painting and drawing, advanced compositional planning, creative problem solving, small series/ inquiry based projects

WHAT ARE OTHER STUDENTS SAYING

"Be prepared to experiment."



DRAWING INTERMEDIATE

9th-12th GRADE

(PREREQUISITE- BEGINNING VISUAL ARTS)

COURSE DESCRIPTION

This course introduces the elements and principles of design through an exploration of various drawing media techniques.



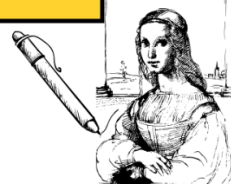
ACTIVITIES



Students will use oil pastel, chalk pastel, pen/ink, colored pencils and other drawing media.

WHAT ARE OTHER STUDENTS SAYING

“If you like using different drawing tools and techniques, this is the class for you.”



PAINTING PROFICIENT HONORS

10th-12th GRADE
(PREREQUISITE- VA INTERMEDIATE)

COURSE DESCRIPTION

This course develops the elements and principles of design through an exploration of a broad range of various painting media and techniques.



ACTIVITIES



Students will experience Watercolor, acrylic oil, coffee painting, color theory and paint mixing. All types of subject matter.

WHAT ARE OTHER STUDENTS SAYING

“Painting let me focus on this one art form and develop my skills.”

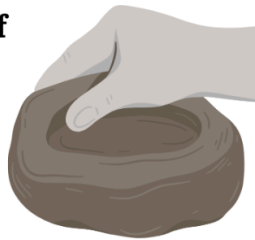


SCULPTURE/CERAMICS INTERMEDIATE

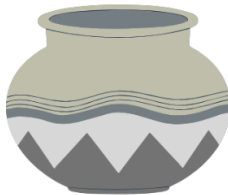
10th-12th GRADE
(PREREQUISITE- V.A. BEGINNING)

COURSE DESCRIPTION

Students begin to develop their knowledge and technical abilities in three-dimensional design through the medium of clay and other sculptural materials. Various types of clay construction and glazing techniques are explored. Emphasis will be placed on technique, originality, planning and organizing three-dimensional compositions.



ACTIVITIES



Students will learn Handbuilding ceramics techniques, throwing on the wheel, modeling, wire gesture

WHAT ARE OTHER STUDENTS SAYING

"This was my favorite class in high school!"



SCULPTURE/CERAMICS PROFICIENT HONORS

10th-12th GRADE

(PREREQUISITE- SCULPTURE/CERAMICS INTER.)

COURSE DESCRIPTION

Students expand their knowledge and technical abilities in three-dimensional design through the medium of clay (hand building and/or wheel) and other sculptural materials (plaster, wood, wire, paper mache, etc). All types of construction, glaze formulation, and firing techniques are explored. Form and shape are stressed using materials appropriate to sculpting. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms.

ACTIVITIES



Handbuilding, throwing on the wheel, exploring textures, under and overglazes, subtractive and additive sculpture

WHAT ARE OTHER STUDENTS SAYING

"I was able to learn to center and become more independent on the wheel. I plan on throwing outside of school."



SCULPTURE/CERAMICS ADVANCED HONORS

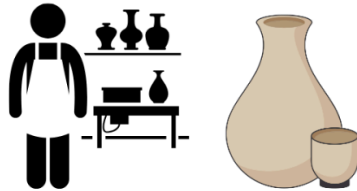
10th-12th GRADE

(PREREQUISITE- SCULPTURE/CERAMICS PROF.)

COURSE DESCRIPTION

This course offers a concentrated study in sculptural areas selected cooperatively between the art teacher and the student. Students are challenged by the teacher to evaluate their art products to solve problems in terms of the chosen art media, and learn concepts and skills as these relate to personal art expressions. Students will be working towards specific portfolio goals in wheel and/or hand-building with clay, other non- clay sculptural media, (plaster, wood, wire, paper mache, etc.) artist research, and a concentrated area of study where the work will focus on a specific theme of the student's choosing.

ACTIVITIES



Students will become more independent in their project and medium selection. Throwing on the wheel is independent with series pieces.

WHAT ARE OTHER STUDENTS SAYING

"I love the freedom and the ability to create both functional and decorative pieces."



AP ART HISTORY

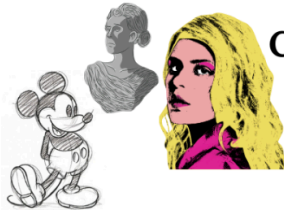
10th-12th GRADE

COURSE DESCRIPTION

This advanced art history course requires students to make extensive connections between the art of each time period and its relationship to culture. Students enrolled in this course are encouraged to take the College Board Advanced Placement Test.



ACTIVITIES



Cultivate understanding of artworks. Create a visual language to explore cultures, theories, processes and history through in depth analysis.

WHAT ARE OTHER STUDENTS SAYING

“AP Art History is a super interesting class were we study the evolution of art throughout time.”



AP STUDIO ART 2-D DESIGN

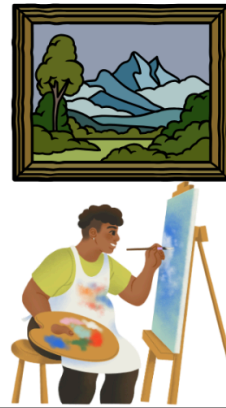
(PORTFOLIO
REQUIRED)

10th-12th GRADE

(PREREQUISITE- PORTFOLIO REQUIRED WITH 2 CREDITS IN VA)

COURSE DESCRIPTION

The student must prepare and submit a portfolio. Success at the AP level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms. Students initiate, define, and solve challenging visual arts problems independently using intellectual skills such as analysis, synthesis, and evaluation. Students have in-depth experiences in reflecting upon and assessing the characteristics and merits of their work and the work of others.



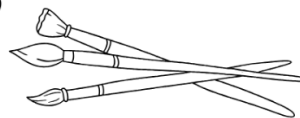
ACTIVITIES



Inquiry based series of Art for AP Portfolio based on 2D design principles. Written reflections and oral critiques.

WHAT ARE OTHER STUDENTS SAYING

“It's a class that allowed me to guide my own projects while learning how to experiment.”



BAND INSTRUMENTAL MUSIC

ACADEMIC/HONORS 9th-12th GRADE

COURSE DESCRIPTION

The purpose of the Band program is to educate young people through music performance and leadership opportunities. By your involvement in this organization, you will mature as a musician, a performer, a student and a person. The curriculum is cyclical in nature. The comprehensive program encompasses four years of study. Individual development of character, esteem, teamwork and group accomplishment can be additional rewards of the program.



ACTIVITIES



Marching Band, Concert Band, Wind Ensemble, Jazz Ensemble, Chamber Ensembles, Winter Guard, Indoor Percussion, Musical Orchestra

WHAT ARE OTHER STUDENTS SAYING

"Felt pushed to be my Best"
"People are Kind and Invite you
to be a Friend"



CHORAL MUSIC I BEGINNING

ACADEMIC/HONORS 9th-12th GRADE

COURSE DESCRIPTION

This course is for all 9th grade students and any student who is new to singing in a choir in high school. We will start from the beginning with basics on singing healthily, vowels formation, listening skills, theory and history. You will be amazed how quickly all students will improve their music literacy and singing skills.



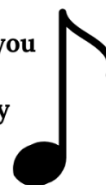
ACTIVITIES



2 Concerts throughout the year & a Field Trip during the school day in March to Meredith College.

WHAT ARE OTHER STUDENTS SAYING

"Ms. Patchett is awesome, it's an easy class if you do your work, you meet a lot of cool people, and you get to go on fun field trips."
"It is a great way to learn more about music but is also a great way to make new friends and form a community when coming into a new school!"



CHORAL MUSIC II

INTERMEDIATE

ACADEMIC/HONORS 10th-12th GRADE

**REQUIRES
AUDITION**

COURSE DESCRIPTION

This is an auditioned course open 10th-12th graders who are expected to have a higher level of music literacy. We will start with the basics but quickly move on to more advanced techniques of singing healthily, vowel formation, listening skills, theory and history. The literature the students will sing will be challenging.



ACTIVITIES



Field Trip to Choir Competition to Busch Gardens in May. Field Trip to Meredith College during school day in March. 2 Concerts throughout the year.

WHAT ARE OTHER STUDENTS SAYING

"My favorite thing about choir is the community it creates."
"Concert choir makes up so many of my close friends and having class everyday with them for two years brings everyone together so well. Even typical everyday class is made to be so much fun since the group is so connected!"





CHORAL MUSIC

ADVANCED (COLLA VOCE)



HONORS 10th-12th GRADE

**REQUIRES
AUDITION**

COURSE DESCRIPTION

This is an auditioned course open to 11th-12th graders who are expected to have a high level of music literacy and a strong dedication to the program and ensemble. We will be using advanced methods and techniques of healthy singing, vowel formation, listening skills, theory and history. The literature will be in plenty and will be at a collegiate level.



ACTIVITIES



Overnight Field Trip to a new location each year. For 2024-2025, Colla Voce will travel to London, England for the International Choral Festival.

WHAT ARE OTHER STUDENTS SAYING

"Choir is such a welcoming and uplifting environment. We have a lot of fun learning and performing music but in addition, the class given me some of my closest friends and provided a place where I can be myself. It is genuinely my favorite class."





DANCE BEGINNING



9th-12th GRADE

COURSE DESCRIPTION

In beginning/intro to dance, students will learn the basic movements of all genres of dance. They will learn to move their bodies to the beat of the music and how to express themselves through their movement.



ACTIVITIES



Participate in warm up, across the floor, & center combinations. Hip hop and acro Fridays
Performance for friends and family at the end of the semester.

WHAT ARE OTHER STUDENTS SAYING

“We love taking dance at HSHS because we get to be ourselves and express our feelings in ways we never could before.”





DANCE INTERMEDIATE



10th-12th GRADE

(PREREQUISITE-DANCE I OR K-8 PROGRESSION IN DANCE)

COURSE DESCRIPTION

This class is designed for those students who have previous dance experience. The dancers will work on techniques and develop their own creativity.



ACTIVITIES



Hip Hop & Acro Fridays
Learn to create your own dances
Learn accurate dance terminology
Enhance your performance skills

WHAT ARE OTHER STUDENTS SAYING

"I love having hip hop and acro Fridays because I can't take those classes outside of school"





DANCE PROFICIENT HONORS



10th-12th GRADE
(PREREQUISITE- DANCE II)

COURSE DESCRIPTION

This class is designed for those students who have achieved intermediate level dance standards at the high school level. It is also for students who plan to have a career in dance.



ACTIVITIES



Create your own choreography. Have classes with guest artists at least once a month. Use a defined creative process to plan, create, revise and present dance.

WHAT ARE OTHER STUDENTS SAYING

“My favorite part of dance was learning all of the different styles of dance and trying new things.”





ADVANCED DANCE CO.

10th-12th GRADE

REQUIRES
AUDITION

COURSE DESCRIPTION

This course is designed to engage students who have a continuing interest in dance and a more in-depth study. Emphasis will be placed on advanced dance skills and technique, performance choreography. Students will begin to understand more advanced concepts of dance and terminology. They will study artistic perception, creative expression, dance in historical/cultural context, and aesthetic value. Students will focus on four different styles of dance including ballet, jazz, modern and choreography.



ACTIVITIES



Winter and Spring Dance
Performance, Guest Artists,
Community Performances

WHAT ARE OTHER STUDENTS SAYING

"Ms. Kirby is the best teacher out here like she is the main reason I want to keep dancing."
"The students in the class are very supportive of each other and it creates a welcoming community."



BEGINNING THEATRE ARTS

(INTRO TO ACTING)



9th-12th GRADE

COURSE DESCRIPTION

Work on solo and partner scenes to develop a foundational knowledge of onstage performance and healthy use of voice, movement, memorization, and presentation. No experience necessary.



ACTIVITIES



Games: Captain On Deck! Split-Splat! Zip-Zap-Zop!
Haunted Museum! Topics: Tableaux / Mime /
Projection / Memorization / Monologues Shows
We Study: Treasure Island - Come From Away -
Our Town

WHAT ARE OTHER STUDENTS SAYING

"A great way to find friendships."
"An environment where you can
just be you. It's a fun and safe
place with a wonderful teacher."



INTERMEDIATE THEATRE ARTS (PERIOD STYLES)

9th-12th GRADE

(PREREQUISITE- INTRO TO ACTING OR TEACHER APPROVAL)

COURSE DESCRIPTION

Build upon the skills of Intro to Acting and learn how to apply character analysis and script scoring to classical and modern styles of work. Prepare selections for entry audition into the Acting Studio.



ACTIVITIES



Games: Park Bench! Party Guests! Captain On Deck! Split-Splat! Zip-Zap-Zop! Haunted Museum! Topics: Improv / Stanislavski / Ancient Greek Theatre / Shakespeare / Student-Selected Material Shows We Study: Medea - As You Like It

WHAT ARE OTHER STUDENTS SAYING

"A great place to connect with people and let out your inner weirdo."

"Most supportive people/environment (feels like a bunch of friends)."

"A lot of opportunity and a ton of fun to be a part of. I also love the games we played!"



PROFICIENT THEATRE ARTS HONORS (ACTING STUDIO)

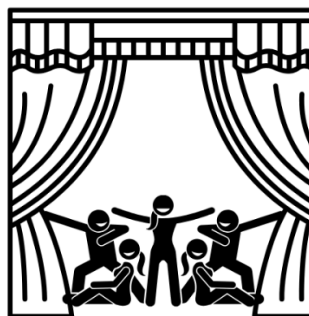
10th-12th GRADE

(PREREQUISITE- ACTING 2 - PERIOD STYLES)

**REQUIRES
AUDITION**

COURSE DESCRIPTION

In partnership with the Production Studio, select material and rehearse scenes for the Studio Showcase (an after-school event with a public performance).



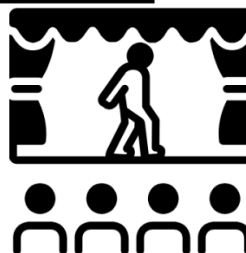
ACTIVITIES



Games: Park Bench! Party Guests! Captain On Deck! Split-Splat! Zip-Zap-Zop! Haunted Museum! Topics: Student-selected material in the Dramatic, Comedic, and Classical categories. Shared before peers throughout the semester and before a public audience after-school at the Studio Showcase. Shows We Study: Chicago - Almost, Maine - Radium Girls - Heathers - Sleuth - A Few Good Men - Into The Woods - Alice In Wonderland - Ghost - Ordinary Days - Clue - Romeo & Juliet - The Tempest

WHAT ARE OTHER STUDENTS SAYING

"I found a safe place to be myself."
"Great chance to be a part of a welcoming Community."
"Theatre changed my life."



ADVANCED THEATRE ARTS HONORS (ADVANCED COMPANY)

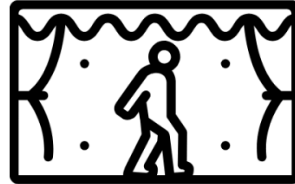
10th-12th GRADE

(PREREQUISITE- ACTING 2 - PERIOD STYLES)

**REQUIRES
AUDITION**

COURSE DESCRIPTION

Serve as the acting company for the semester's full-length production. Members will also explore new disciplines of theatre after production.



ACTIVITIES



Games: Park Bench! Party Guests! Captain On Deck! Split-Splat! Zip-Zap-Zop! Haunted Museum!
Topics: Full Production Process: Casting - Table Work - Rehearsal - Costume Fittings - Tech Rehearsals - Public Performances - Strike Shows
We Study: She Kills Monsters: Young Adventurer's Edition - Still Life with Iris

WHAT ARE OTHER STUDENTS SAYING

"I love it because I've gotten so much closer to people and I've gotten a lot more confident in myself."

"It's really fun to have a classroom that is always open and welcoming to me. Somewhere to express myself."

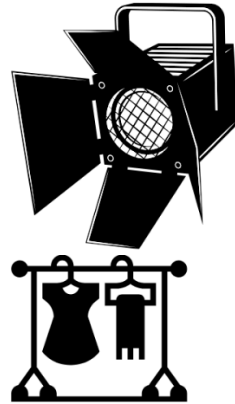


BEGINNING TECHNICAL THEATRE (INTRO TO DESIGN)

9th-12th GRADE

COURSE DESCRIPTION

Begin your exploration of theatrical design and production in the fields of scenic paint and construction, costume, and lighting. No experience necessary.



ACTIVITIES



Topics: Basics in Scenic, Lighting, and Costume design and intro to hands-on skills

WHAT ARE OTHER STUDENTS SAYING

"Always be creative for your projects!"

"I loved working in the shop and having creative freedom during projects."

"The environment in this class was perfectly suited to fostering good relationships with classmates."



INTERM. TECHNICAL THEATRE (STAGECRAFT)

10th-12th GRADE
(PREREQUISITE- INTRO TO DESIGN)

COURSE DESCRIPTION

Build upon the foundations gained in Intro to Design and expand practical skills in all disciplines. Prepare design packet final project for entry consideration into the Production Studio.



ACTIVITIES



Topics: Building technical skills in all areas focusing in construction of the design elements of theatre

WHAT ARE OTHER STUDENTS SAYING

"Love the fun projects and all the hands on experience."
"Very comforting and open"



PROFICIENT TECH. THEATRE HONORS (PRODUCTION STUDIO)

10th-12th GRADE

(PREREQUISITE- ACTING 2 & PERIOD STYLES)

**REQUIRES
AUDITION**

COURSE DESCRIPTION

In partnership with the Acting Studio, design and execute technical elements for the Studio Showcase (an after-school event with a public performance). Portfolio and resume creation over the course of the class.



ACTIVITIES



Topics: Learning how to collaborate with actors to bring a show to life

WHAT ARE OTHER STUDENTS SAYING

"It's a really great class where you learn many useful life skills and also get to use power tools."
"Hands-on, hardworking fun!"



ADVANCED TECHNICAL THEATRE ARTS HONORS (ADVANCED COMPANY)

10th-12th GRADE
(PREREQUISITE- STAGECRAFT)

REQUIRES
INSTRUCTOR
APPROVAL

COURSE DESCRIPTION

Lead the execution of all technical elements for the semester's full-length production. Members will also explore new disciplines of theatre after production.



ACTIVITIES



Show Construction on the
associated Fall Play

WHAT ARE OTHER STUDENTS SAYING

"A nice class that makes me happy.
I made so many good friends and
memories."



3D MODELING & ANIMATION I

9th-12th GRADE

COURSE DESCRIPTION

This course is an introductory level course focusing on the concepts and tools used by digital artists in a wide variety of creative careers including graphic design, film, and game design. Students work with professional-grade creative software packages to develop 2D and 3D digital graphics and audio/video media. Students use Adobe CC Suite, and digital 3D Modeling with 3DS Max to build needed skills for subsequent courses. English language arts, mathematics, and science are reinforced.



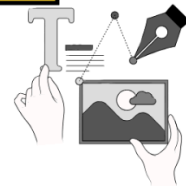
ACTIVITIES



We are now working on coming up with an original character, sketch it and then make their own comic strip or storyboard.

WHAT ARE OTHER STUDENTS SAYING

"I really enjoy this class because we get to work on a lot of different projects and learn about potential careers in design and animation. We get to use our own imagination and creativity."



3D MODELING & ANIMATION II

10th-12th GRADE
(PREREQUISITE- 3D MODELING & ANIMATION I)

COURSE DESCRIPTION

3D Modeling and Animation II emphasizes the use of industry-standard digital technology and media to help students develop the artistic and technical skills necessary to plan, analyze, and create visual solutions to 21st Century communication problems. Students engage in digital art activities using professional-grade creative software packages to develop complex 2D and 3D digital graphics and audio/video media. Students apply Adobe CC Suite and 3DS Max skills to industry-related activities and projects, mirroring workplace scenarios. English language arts, mathematics, and science are reinforced.

ACTIVITIES



This class is a deep dive into 3DS Max where we'll learn how to do 3D modeling, texture mapping, lighting, rigging, animating, and rendering of 3D models. We do a lot of creative projects and there is a professional certification you can get.

WHAT ARE OTHER STUDENTS SAYING

"This class lets me be creative"
"This class is challenging but fun!"



ADOBE VISUAL DESIGN I

10th-12th GRADE
(PREREQUISITE-)

COURSE DESCRIPTION

Build logos and vector images using features in Adobe Illustrator. Enhance photographs using features in Adobe Photoshop. Produce images to be used in business publications and communications. Gain knowledge and skills for careers in the Adobe Academy pathway.



ACTIVITIES



Fun activities are still being planned for this new class!

WHAT ARE OTHER STUDENTS SAYING

“This is a new class that I can’t wait to take next year!”

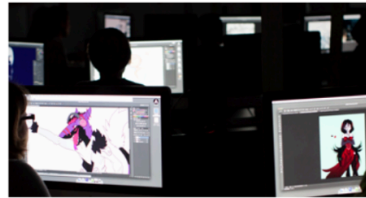


ADOBE VISUAL DESIGN II

10th-12th GRADE
(PREREQUISITE- ADOBE V.D. I)

COURSE DESCRIPTION

Explore elements that make exceptional digital and print publications. Create print and digital publications in Adobe InDesign. Train to earn the industry-recognized Adobe Certified Professional InDesign credential. Gain knowledge and skills for careers in the Adobe Academy pathway.



ACTIVITIES



Fun activities are still being planned for this new class!

WHAT ARE OTHER STUDENTS SAYING

"This is a new class that I can't wait to take next year!"



ADVANCED GAME ART & DESIGN

10th-12th GRADE
(PREREQUISITE- GAME ART & DESIGN)

COURSE DESCRIPTION

This course builds on your knowledge from Game Art & Design and goes into more depth on video game design. You will learn about things like story design, the user interface, level design, and much more. There is a strong emphasis on working in a group as a team.



ACTIVITIES



The final project for the class is a quarter long project where you will work in a small development team of 3-4 students to create a game from scratch in the Unity engine.

WHAT ARE OTHER STUDENTS SAYING

"I really recommend this course to anyone who likes gaming or creating things and the projects are really fun"

"The class is very non linear and a lot of it is solving problems with no specific answers, but if you like that, the class lets you be very creative."

BIOMEDICAL TECHNOLOGY

10th-12th GRADE
(PREREQUISITE- HEALTH SCIENCE I)

COURSE DESCRIPTION

Investigate trends in healthcare and research to include ethics and medicine. Explore trends in forensic medicine, infectious disease(s), and organ transplants. Examine cell biology related to cancer and biomedical research. Gain the knowledge and skills for careers in the Biomedical Technology pathway.



ACTIVITIES



- Alien Genetics Lab
- Strawberry DNA extraction
- Vaccine debate
- Fingerprinting lab

WHAT ARE OTHER STUDENTS SAYING

“So fun to deal with genetics and DNA.”



BUSINESS ESSENTIALS

9th-12th GRADE

COURSE DESCRIPTION

Business Essentials introduces students to the world of business and helps prepare them for the economic roles of consumer, worker, and citizen in an ever-changing world. It includes all of the elements that contribute to the success or failure of a business by discussing concepts, principles, and operations of the private enterprise system.



ACTIVITIES



"How the Market Works" challenge,
Airplane game,
Buy My Product, Is it Ethical?,
AI and Technology,
Business events in real time.

WHAT ARE OTHER STUDENTS SAYING

"I love how this introduces me to the world of business so I can decide if that is the career path I want to take."
"This subject has the potential for being boring. Thank you for making it fun!"





CARPENTRY I



10th-12th GRADE
(PREREQUISITE- CONSTRUCTION CORE)

COURSE DESCRIPTION

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on the development of introductory skills to include orientation to the trade, building materials, fasteners, and adhesives, hand and power Tools, reading plans and elevations, introduction to concrete, reinforcing materials, and forms, floor system construction procedures, wall and ceiling framing procedures, and basic stair layout. English language arts and mathematics are reinforced.

ACTIVITIES



We use power tools.
build scale models of houses
do full scale builds

WHAT ARE OTHER STUDENTS SAYING

“It’s neat to use the power tools.” “Building is a lot more complicated than I realized”





CARPENTRY II HONORS

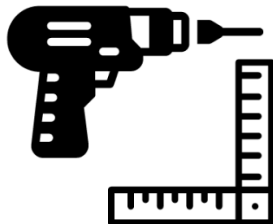


10th-12th GRADE
(PREREQUISITE- CARPENTRY I)

COURSE DESCRIPTION

This course builds on skills mastered in Carpentry I and provides an emphasis on roof framing procedures, roofing applications, thermal and moisture protection, windows and exterior doors installation, exterior finishing, and the introduction to weatherization module. English Language arts and mathematics are reinforced.

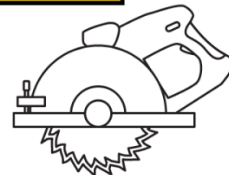
ACTIVITIES



We build upon the same skills and activities we do in carpentry I.
Scale models of houses
Full scale builds

WHAT ARE OTHER STUDENTS SAYING

“Mr. Collins is awesome!”
“I’ve learned so much in this class- power tools are fun.”





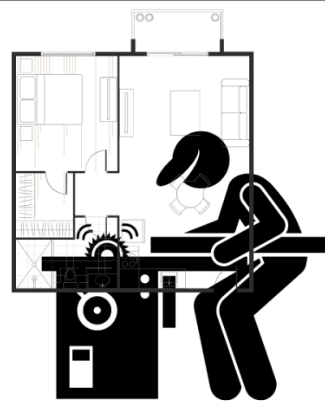
CARPENTRY III HONORS



11th-12th GRADE
(PREREQUISITE- CARPENTRY II)

COURSE DESCRIPTION

This course builds on skills mastered in Carpentry II and develops advanced technical aspects of carpentry with the emphasis on commercial drawing, cold-formed steel framing construction methods, drywall installations, drywall finishing procedures, doors and door hardware installation, and windows, door, floor and ceiling trim procedures. English language arts and mathematics are reinforced.



ACTIVITIES



Build upon Carpentry II skills along with adding in concrete and brick/ drywall finishing / along with some electrical and plumbing skills

WHAT ARE OTHER STUDENTS SAYING

"Our school does great in the SHED competitions!"
"Collins makes it fun."



CHILD DEVELOPMENT



9th-12th GRADE

COURSE DESCRIPTION

This course is for students interested in how children grow, learn, and development, and how to care for young children. We explore the effects of family on individuals and society; prenatal development and care; understanding how children develop; and care of infants, toddlers, and preschoolers.



ACTIVITIES



infant simulator, empathy belly, painting contrast images, brain hats, developmental domains centers, life-size toddler, pregnancy subscription box, parent panel

WHAT ARE OTHER STUDENTS SAYING

'The baby project was the most memorable project I've done in high school.'

'It's fun to learn about something that could be helpful in a future job or as a parent.'



CONSTRUCTION CORE

9th-12th GRADE

COURSE DESCRIPTION

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all the NCCER curriculum- area programs, and an additional Green module. The course content includes basic safety, introduction to construction math, introduction to hand tools, introduction to blueprints, material handling, basic communication skills, basic employability skills, and "Your Role in the Green Environment". The additional Green module has been added to provide students with instruction in the green environment, green construction practices, and green building rating systems. Also it will help students better understand their personal impacts on the environment and make them more aware of how to reduce their carbon footprint. English Language Arts and Mathematics are reinforced.



ACTIVITIES



Use of hand tools
learn to build wood joints
(dovetail, tongue & groove, box joint, etc.)
build scale models

WHAT ARE OTHER STUDENTS SAYING

"Be sure to take at least one of Mr. Collins classes. They are the best"





COUNSELING & MENTAL HEALTH I



9th-12th GRADE

COURSE DESCRIPTION

C&MH1 is a course that is ALL ABOUT YOU! Ever wonder why you are the way you are? Sign up for the class and come meet yourself!



ACTIVITIES



Every day is a themed day where we do corresponding activities both inside as well as outside: Mindful Mondays, Talk-About-It-Tuesdays, Wellness Wednesdays, Thankful Thursdays, and Feel Good Fridays!

WHAT ARE OTHER STUDENTS SAYING

"Boundaries are a good thing!"

"The breathing exercises really help me with my anxiety."

"I loved learning that I don't need to 'fit in' in order to belong"

"Apparently that being an adult is like trying to fold a fitted sheet!"

MENTAL
health
MATTERS



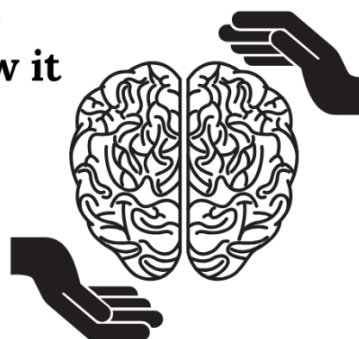
COUNSELING & MENTAL HEALTH II



9th-12th GRADE
(PREREQUISITE - COUNSELING & MENTAL HEALTH I)

COURSE DESCRIPTION

C&MH2 is a course that dives deeper into the brain and how it functions, along with identifying mental health disorders and careers in this field.



ACTIVITIES



Every day is a themed day where we do corresponding activities both inside as well as outside: Mindful Mondays, Talk-About-It-Tuesdays, Wellness Wednesdays, Thankful Thursdays, and Feel Good Fridays!

WHAT ARE OTHER STUDENTS SAYING

"Boundaries are a good thing!"

"The breathing exercises really help me with my anxiety."

"I loved learning that I don't need to 'fit in' in order to belong"

"Apparently that being an adult is like trying to fold a fitted sheet!"

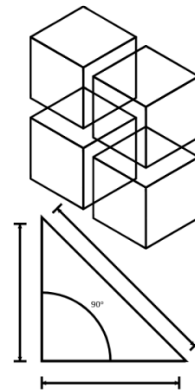


DRAFTING I

9th-12th GRADE

COURSE DESCRIPTION

Fundamental Concepts and Trends of Drafting, Hand drafting Skills and Techniques, Auto CAD User Skills, Geometric Terms and Constructions, Multiview Drawing, Dimensioning Skills, and finishing the course with Architecture and Engineering CAD concepts. The Engineering drawings are done in 3D CAD Students are introduction to Architectural Drafting and Mechanical Drafting. There are various hands-on projects used throughout the course to emphasize the skills learned in a physical model. Drafting I Honors has an approved industry-recognized credential AutoCAD user.



ACTIVITIES



Several hands-on projects are done in this course. 3D visualization puzzle cube, Geodome, applications that apply Geometry, Compass work to construct geometric shapes. Architectural floor plan, 3D printing

WHAT ARE OTHER STUDENTS SAYING

"I liked the ability to work independently and move on to the next lessons if I was ahead."
"Very chill class."



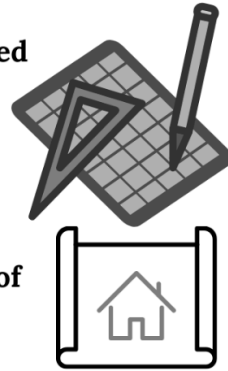
DRAFTING II- HONORS

ARCHITECTURAL

10th-12th GRADE
(PREREQUISITE- DRAFTING I)

COURSE DESCRIPTION

This course will build upon the knowledge gained in Drafting I Honors. Architectural Drafting II will include the following topics: Architectural Styles, Industry Terms, Floor Plans, Basic Roof and Floor Designs, Sections and Details, Elevations, Revit Architectural 3D program and certification. Students create a physical model of their house plan. Honors has an approved industry-recognized credential Revit user.



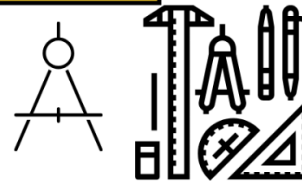
ACTIVITIES



Students build a scale model house of their own design, or one from a kit in the classroom.

WHAT ARE OTHER STUDENTS SAYING

"I enjoyed this class and I learned about the aspects of how a house is designed and built."
"Making the model of my house in Revit and building it was fun."

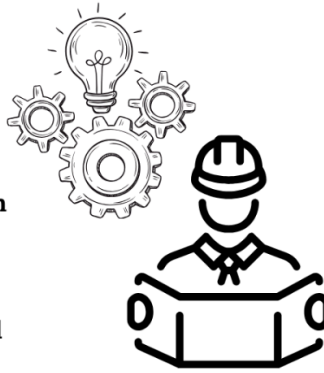


DRAFTING II- HONORS ENGINEERING

10th-12th GRADE
(PREREQUISITE- DRAFTING I)

COURSE DESCRIPTION

This course is an elective and will be fast paced and challenging for every student. The course will build on the knowledge gained in Drafting I honors. Drafting II will include the following topics: Careers in Engineering, 3D-Modeling, Manufacturing, Conventional Tolerance, Section Views, Auxiliary Views, Pattern Development. There are a few hands-on projects do relate to manufacturing, and reverse engineering. Drafting Engineering II Honors has an approved industry-recognized credential Inventor user.



ACTIVITIES



The main project that is done in Drafting II Engineering Honors is the Reverse Engineering Project. Students find a product that can be taken apart and then they document the parts by measuring each piece, create hand sketches of the parts and then draw the 3D model in Inventor. Students also design a car body for a remote-control car in the 3D modeling software Inventor and then 3D print the car body. In the manufacturing lessons students get the opportunity to investigate various materials and their properties..

WHAT ARE OTHER STUDENTS SAYING

"The car designing was fun- and even better having it work!"



DRAFTING III- HONORS ARCHITECTURAL

10th-12th GRADE
(PREREQUISITE- DRAFTING II ARCH.)

COURSE DESCRIPTION

Architecture III introduces students to advanced architectural design concepts and Building Information Modeling (BIM). It continues and digs deeper into the concepts learned in Architecture II. Emphasis is placed on the continued use of 3D CAD tools and software such as REVIT, in the design and execution of site and foundation plans, electrical/lighting plans, stair/railing design, bath and kitchen details, multi-level floor systems, site development, renderings and walkthroughs, as well as small commercial building and design. English language arts, mathematics, and science are reinforced. Students prepare for exciting work in a high demand industry. Students construct a physical model of their design.



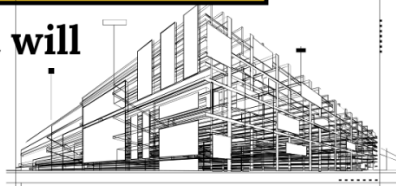
ACTIVITIES



Work on projects using 3D tools
and software like REVIT.

WHAT ARE OTHER STUDENTS SAYING

"I enjoyed this class, and it will
prepare me for going into
Architecture in college."



DRAFTING III- HONORS ARCHITECTURAL

10th-12th GRADE
(PREREQUISITE- DRAFTING II ARCH.)

COURSE DESCRIPTION

Architecture III introduces students to advanced architectural design concepts and Building Information Modeling (BIM). It continues and digs deeper into the concepts learned in Architecture II. Emphasis is placed on the continued use of 3D CAD tools and software such as REVIT, in the design and execution of site and foundation plans, electrical/lighting plans, stair/railing design, bath and kitchen details, multi-level floor systems, site development, renderings and walkthroughs, as well as small commercial building and design. English language arts, mathematics, and science are reinforced. Students prepare for exciting work in a high demand industry. Students construct a physical model of their design.



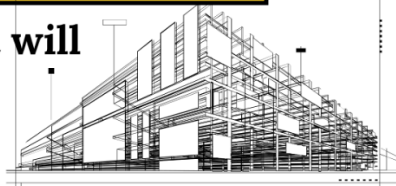
ACTIVITIES



Work on projects using 3D tools
and software like REVIT.

WHAT ARE OTHER STUDENTS SAYING

**"I enjoyed this class, and it will
prepare me for going into
Architecture in college."**

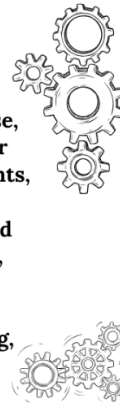


DRAFTING III- HONORS ENGINEERING

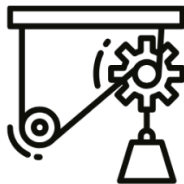
10th-12th GRADE
(PREREQUISITE- DRAFTING II ENGIN.)

COURSE DESCRIPTION

This course teaches the development of knowledge and advanced skills in Engineering Drafting and Design. An understanding of 3D CAD concepts and terms, and the use of 3D CAD software, INVENTOR, are essential to this course, and the required method of producing finished drawings. Topics include cover advanced levels of Engineering Drafting and Design, Employment Requirements, Engineering Design Concepts and Principles, Advanced Manufacturing Processes, Advanced Parametric-Solid Modeling, Geometric Dimensioning and Tolerancing, Work Drawings and Assemblies, 3D Modeling, Sheet Metal Parts, and Professional Portfolio. Hands-on projects that become the instructional method through which students acquire understanding of the content. Labs will include applications of simple machines, material processes, molding, and product production.



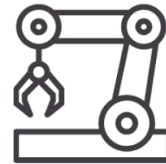
ACTIVITIES



We concentrate on building a Rube Goldberg machine. Along with this activity they also build the simple machine using VEX robot parts.

WHAT ARE OTHER STUDENTS SAYING

"I love this class and it helps me understand the world of Industrial Design and Engineering."
"I enjoy using the Inventor software."



EARLY CHILDHOOD EDUCATION I

10th-12th GRADE

(PREREQUISITE- CHILD DEVELOPMENT)

(APPLICATION
REQUIRED)

COURSE DESCRIPTION

Two-credit class that applies knowledge of Child Development in a real-world setting. Students will learn how to create and implement developmentally appropriate activities, support diverse student needs, and prepare for a career with young children.



ACTIVITIES



internship in local daycare centers and elementary schools, field trips to museums and colleges, classroom observations, creating learning experiences

WHAT ARE OTHER STUDENTS SAYING

“It’s such a fun class.”

“If you love working with kids, you need to take this class to learn more about them.”



ENTREPRENEURSHIP II HONORS

10th-12th GRADE
(PREREQUISITE- ENTREPRENEURSHIP I)

COURSE DESCRIPTION

This course is designed to simulate a comprehensive experience of the business of fashion. The experience should bring alive the economics, distribution, promotion, and retail of fashion, and essential strategies of promoting and selling fashion. Upon completion of the course, students should be ready for entry-level fashion retail work or post-secondary education. English, mathematics, social studies, and technology are reinforced.



ACTIVITIES



Shark Tank Project - Students have to come up with their own business idea and pitch it to the Shark Tank Judge(s)
S.W.O.T. Analysis Group Project - Find the Strengths, Weaknesses, Opportunities, and Threats (Competition) of a major company.

WHAT ARE OTHER STUDENTS SAYING

"It's just a great class with a great teacher that really knows what he's talking about."
"The stuff we learn in this class is actually useful after high school."



ENTREPRENEURSHIP HONORS I

9th-12th GRADE

COURSE DESCRIPTION

In this course, students evaluate the concepts of going into business for themselves and working for or operating a small business. They become acquainted with channel management, pricing, product/service management, and promotion. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies, and access to resources for starting a small business. Students will be introduced to the Lean Canvas Business Model (LCBM) throughout the course



ACTIVITIES



S.W.O.T. Analysis - Stands for "Strengths, Weaknesses, Opportunities, and Threats" of your company. Students create presentations on their favorite fortune 500 businesses to see how can they improve their product and or services as it relates to their competitors.

WHAT ARE OTHER STUDENTS SAYING

"An excellent class to help get us prepared for the real business world."

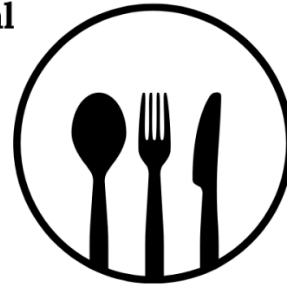


FOODS & NUTRITION I

9th-12th GRADE

COURSE DESCRIPTION

This course examines the nutritional needs of the individual. Emphasis is placed on the fundamentals of food production, kitchen and meal management, food groups and their preparation, and time and resource management.



ACTIVITIES



Cooking food in the kitchens



WHAT ARE OTHER STUDENTS SAYING

"Follow the recipes! Do your work!
You get to eat what you make, what
is better than that!"



FOOD & NUTRITION II **HONORS**

10th-12th GRADE
(PREREQUISITE- FOOD & NUTRITION I)

COURSE DESCRIPTION

In addition to the standard course requirements for Food and Nutrition II, this honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take the appropriate industry certification exam associated with the course, if available.

ACTIVITIES



chili cookoffs, chopped, ultimate
Ramen cookoffs, and customized
food trucks.
Weekly lab experiences

WHAT ARE OTHER STUDENTS SAYING

“Foods II is an enjoyable and
creative class.”

“The food competitions are so fun!”

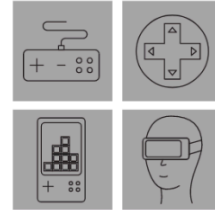


GAME ART & DESIGN

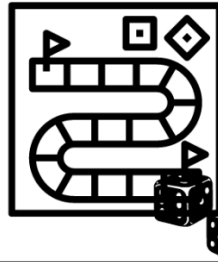
10th-12th GRADE
(PREREQUISITE- DIGITAL DESIGN & ANIMATION)

COURSE DESCRIPTION

This course introduces students to the game industry and game design as a profession. The course covers the history and ethics of the game industry, the basics of game theory, and the application of those concepts to create game prototypes. This course focuses more on the theory of game design and what makes games fun to play, not just how to make a particular type of game.



ACTIVITIES



The two major projects you will work on are creating a board game from scratch and modifying a tutorial to create a simple game in the Unity game engine. There is no final exam if you pass the board game project.

WHAT ARE OTHER STUDENTS SAYING

"I think this is a great course to take because it help you learn more about designing games and truly understand the hard work that game artists have to go through. I would say my favorite project is the board game project. I think that project allows you to express yourself in a fun and interactive way."

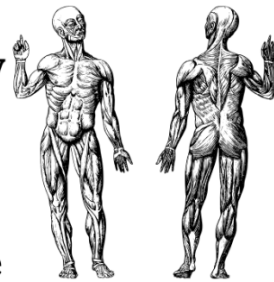
"Game Art and Design is a fantastic course. Its fun, stress free, and still challenging. It's the kind of class I would recommend to any one interested in art or design. My favorite project so far has been the unity Roll a Ball game, where you are challenged to create a simple mini game. It gave us total creative freedom, I have never had so much fun completing a project before."

HEALTH SCIENCE I

HONORS/ACADEMIC 9th-12th GRADE

COURSE DESCRIPTION

In HS1, students learn in-depth knowledge about the different body systems and common disorders that occur within each system. They also are exposed to different healthcare professions. This course is offered as honors and academic.



ACTIVITIES



celery fracture lab, NASA osteoporosis lab, Hands only CPR training, Making "poop" lab, fake wound lab, "real world" case studies

WHAT ARE OTHER STUDENTS SAYING

"This class can be really fun if you're interested in medical science, but I wouldn't recommend it as a filler elective."
"Ms. Barrier does everything she needs to do to make sure all of us get the grades we want and she tries to make it fun as well."

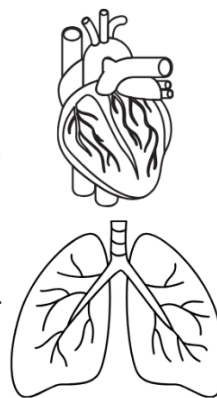


HEALTH SCIENCE 2 HONORS

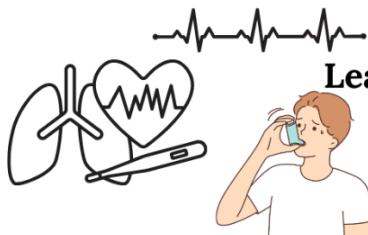
10th-12th GRADE
(PREREQUISITE- HEALTH SCIENCE I)

COURSE DESCRIPTION

In HS2, students learn about the cardiovascular and respiratory system structures, functions, and disorders. They also study global healthcare issues, bioethical issues in healthcare, and employability skills. This course is offered as honors and academic. Students must complete HS1 as a prerequisite.



ACTIVITIES



Learning to check vital signs, Ethical debates, Asthma Lab, Kidney filtration lab, Infection control activities .

WHAT ARE OTHER STUDENTS SAYING

"This class can be really fun if you're interested in medical science, but I wouldn't recommend it as a filler elective."

"Ms. Barrier does everything she needs to do to make sure all of us get the grades we want and she tries to make it fun as well."

INTERIOR DESIGN FUNDAMENTALS

9th-12th GRADE

COURSE DESCRIPTION

This course engages students in exploring various interior design professions, while building the content knowledge and technical skills necessary to provide a foundational knowledge of the design industry. Emphasis is placed on the design thinking and utilization of the interior design process; human, environmental and behavioral factors; color theory, elements and principles of design; hand sketching/digital design techniques, space planning, selection of products and materials for residential interiors; client relationship building and design communication techniques. English language arts, mathematics, science, art, and technology are reinforced.

ACTIVITIES



Create a “fun” room model or exterior (theme based) house model. Develop prototypes of original or newly modified/improved home products.

WHAT ARE OTHER STUDENTS SAYING

“I made my best friendships in this class!”
“I look at things differently after having this class. I think about how to solve problems instead of taking things for granted.”



INTERIOR DESIGN STUDIO- HONORS

10th-12th GRADE

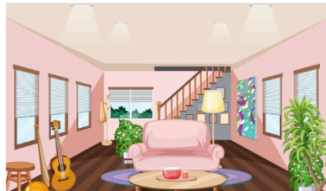
(PREREQUISITE- INTERIOR DESIGN FUNDAMENTALS)

COURSE DESCRIPTION

In addition to the standard course requirements Interior Design Studio, this honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career projects and assessments.



ACTIVITIES



create a “client module that includes a lighting plan, electrical plan, furniture plan and accessories.

WHAT ARE OTHER STUDENTS SAYING

“Interviewing a client with actual needs and desires (based on their budget) was good when digging deeper into designing and furnishing their rooms.”



MICROSOFT EXCEL HONORS

9th-12th GRADE

COURSE DESCRIPTION

This class is designed to help you use the newest version of Microsoft Excel interface, commands, and features to present, analyze, and manipulate various types of data.. Mathematics is reinforced. Completion of Math I is recommended, but not required.



ACTIVITIES



The students will take the Microsoft Excel and Excel Expert Certification exams. Students will create spreadsheets to buy their dream car, create a college budget, format, analyze and chart data.

WHAT ARE OTHER STUDENTS SAYING

"Useful for college. My dad uses Excel in his job."

"Very practical and lifelong skill."

"The work was engaging."

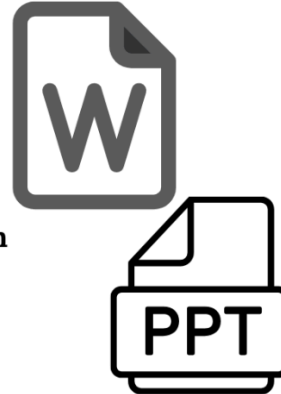


MICROSOFT WORD & POWERPOINT HONORS

9th-12th GRADE

COURSE DESCRIPTION

Students in Microsoft IT Academies benefit from world-class Microsoft curriculum and software tools to tackle real-world challenges in the classroom environment. Students will learn to use the newest version of Microsoft Word as well as learn to use the newest version of the Microsoft PowerPoint interface, commands, and features to create, enhance, customize, and deliver documents and presentations.



ACTIVITIES



Students will take the Microsoft Office Certification exams for Word & PowerPoint.

WHAT ARE OTHER STUDENTS SAYING

"I will use these skills in college."

"My Microsoft Certifications will help me get a better job."

"The class was fun."

SPORTS & EVENT MARKETING II HONORS

10th-12th GRADE
(PREREQUISITE- SPORTS & EVENT MARKETING I)

COURSE DESCRIPTION

The promotion of sports events, activities, people, sporting events or team products and services. Create your own event and use Sports Marketing to promote and brand it. Create Logos, Social Media Accounts, Promotional Calendars, and much more.



ACTIVITIES



Create your own movie trailer for target markets, Create graphics for sporting events, Brand your own event with the creation of logos and color pallet.

WHAT ARE OTHER STUDENTS SAYING

"Analyze a Sport Wednesday was my favorite day of the week"

"Loved creating graphics and branding different products and events"

"If you love sports or events such as concerts this is the perfect class for you"

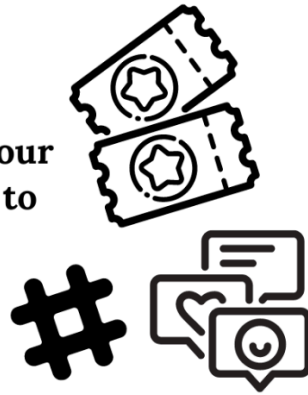


SPORTS & EVENT MARKETING I

9th-12th GRADE

COURSE DESCRIPTION

The promotion of sports events, activities, people, sporting events or team products and services. Create your own event and use Sports Marketing to promote and brand it. Create Logos, Social Media Accounts, Promotional Calendars, and much more.



ACTIVITIES



Create your own movie trailer for target markets, Create graphics for sporting events, Brand your own event with the creation of logos and color pallet.

WHAT ARE OTHER STUDENTS SAYING

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TECHNOLOGICAL DESIGN

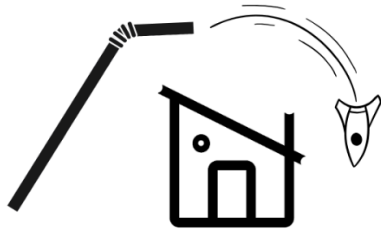
10th-12th GRADE

(PREREQUISITE- TECH., ENGINEERING & DESIGN)

COURSE DESCRIPTION

This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and architecture receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology, science, and mathematics concepts and skills to solve engineering and design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Art, English, Language Arts, Mathematics and science are required.

ACTIVITIES



Building water bottle rockets, straw rockets and tiny homes

WHAT ARE OTHER STUDENTS SAYING

“Launching the water bottle rockets was the best part of first semester for me.”



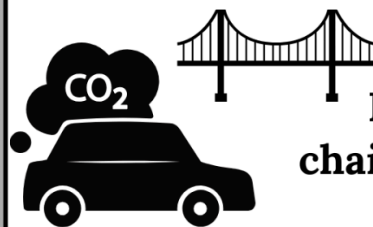
TECHNOLOGY ENGINEERING & DESIGN

9th-12th GRADE

COURSE DESCRIPTION

This course prepares students to understand and apply technological concepts and processes that are the cornerstone for the high school technology program. Group and individual activities engage students in creating ideas, developing innovations, and engineering practical solutions. Technology content, resources, and laboratory/classroom activities apply student applications of science, mathematics, and other school subjects in authentic situations. This course focuses on the three dimensions of technological literacy knowledge, ways of thinking and acting, and capabilities with the goal of students developing the characteristics of technologically literate citizens. It employs teaching/learning strategies that enable students to explore and deepen their understanding of “big ideas” regarding technology and makes use of a variety of assessment instruments to reveal the extent of understanding.

ACTIVITIES



Building CO2 cars, cardboard chairs and the balsa wood bridge

WHAT ARE OTHER STUDENTS SAYING

“The most memorable part of this semester has been the fishing line vehicle.”



AFRICAN AMERICAN STUDIES



ACADEMIC/HONORS 9th-12th GRADE

COURSE DESCRIPTION

This conceptually driven course introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understanding of students interested in learning about the histories, cultures, and economic, geographic, and political realities of African Americans. This course will provide students with an opportunity to engage with the social, economic, and political activities of African Americans in a way that allows them to make deep connections across the content.

ACTIVITIES



Cultural Celebrations
Recognition of famous/important people
Inquiry based activities/projects

WHAT ARE OTHER STUDENTS SAYING

“Ms. Jackson was a great teacher and is well educated and has a great approach to teaching different topics.”
“My favorite thing in class was the African Kingdom Project.”



AP AFRICAN AMERICAN STUDIES

9th-12th GRADE

COURSE DESCRIPTION

This AP course introduces students to African American life and culture by deepening their understanding of the past and present through an array of disciplinary perspectives from the arts, history, and the social sciences.



ACTIVITIES



Portfolio Building (no AP exam)
Inquiry based
Recognized by over 200 colleges

WHAT ARE OTHER STUDENTS SAYING

"I'm graduating in 2023 and I'm SO sad I won't have a chance to take this course next year"



AP HUMAN GEOGRAPHY

9th-12th GRADE

COURSE DESCRIPTION

Advanced Placement Human Geography provides students with insight into contemporary developments of world cultures, politics, and economies, including an analysis of the impact of the environment on the progress of world nations and regions. Students evaluate world events and data, write critically about world situations, and debate controversial aspects of an interdependent world. Major units focus on the spatial nature of geography and perspectives, population patterns and processes, cultural patterns and processes, political organization of space, agricultural and rural land use, consequences of industrialization and economic development, cities and urban land use. Students enrolled in this course are expected to take the College Board Advanced Placement test.

ACTIVITIES



Analyze and make maps and models
Debate Sovereignty
Research the cultural landscape of the
community

WHAT ARE OTHER STUDENTS SAYING

“Overall, one of the best AP
classes I have taken.”



AP MACROECONOMICS

11th-12th GRADE
(PREREQUISITE- AMERICAN HISTORY)

COURSE DESCRIPTION

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.



ACTIVITIES



Simulations,
Creative Graphing Practice,
Unit Choice Boards, Murder Mystery,
Group FRQ Grading...
NO ESSAYS!

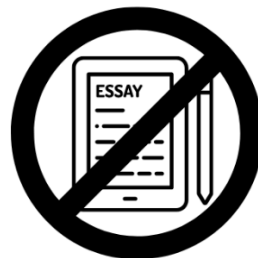
WHAT ARE OTHER STUDENTS SAYING

"A class where you learn stuff you will use in real life"

"A fun elective class if you like both Math and Social Studies"

"As long as you are willing to work, ask questions and learn Mrs. St. Lawrence is there to provide support"

"No essays!"



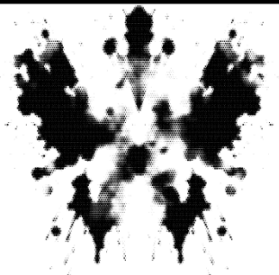
Ψ AP PSYCHOLOGY Ψ

10th-12th GRADE

COURSE DESCRIPTION

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.

ACTIVITIES



Inkblot making, field trip to the zoo, egg babies, and more!!!

WHAT ARE OTHER STUDENTS SAYING

"The coolest kids take it!"



AP US GOVERNMENT & POLITICS

10th-12th GRADE

COURSE DESCRIPTION

AP US Gov't is a study of the mechanics of American government with a concentration on its structure at the national level. There is focus on the political process, checks and balances, the political process, and the evolution of the Constitution through Congressional Legislation and Supreme Court Decisions. There is a heavy emphasis on writing development to prepare for the essay portion of the AP Exam in May. Students should be prepared to spend an average of 30-1 hour nightly in review and preparation for the course.



ACTIVITIES



Chart/Graph/ Political
Cartoon analysis
free response questions

WHAT ARE OTHER STUDENTS SAYING

"It's a lot of work, but if you like social studies, it's a great class to take."



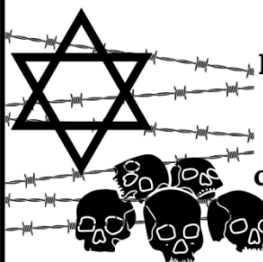
HOLOCAUST & GENOCIDE IN WORLD STUDIES

HONORS/ACADEMIC 10th-12th GRADE
(PREREQUISITE- WORLD HISTORY)

COURSE DESCRIPTION

"Holocaust and Genocide in World Studies offers students the opportunity to engage in critical thinking, research, writing, and discussion by studying the causes and effects of the Holocaust and other genocidal acts throughout history. Students will examine the informal and structural roles that individuals and groups play in perpetuating acts of genocide. By the end of the course, students will be able to recognize these phenomena, think creatively about the prevention of genocide, and understand the processes of justice, reconciliation, and memory following genocide."

ACTIVITIES

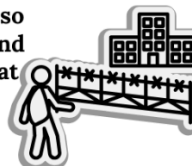


Explore the "Ten Stages of Genocide" and "Pyramid of Hate" models, listen and learn from survivor testimonies, analyze propaganda, virtual concentration camp and memorial/museum tours, 4-corners class discussions, research projects of your choice

WHAT ARE OTHER STUDENTS SAYING

"Throughout history classes, we have learned about the Holocaust, but I was always left wanting more. I just thought this tragic event was so intriguing; the power of influence, reconstruction of an economy, and the psychology behind the Nazis and their followers. When I saw that this class was available, I jumped at the opportunity, and I am very happy that I did. This class was not only so investing, but it also provides a different perspective on the world and the media."

"This class made an impact on me and made me realize how much this topic has affected others and not just those in the Holocaust."

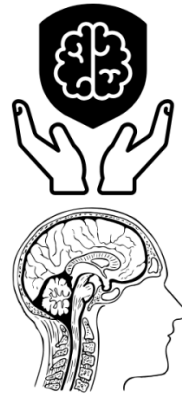


HONORS PSYCHOLOGY

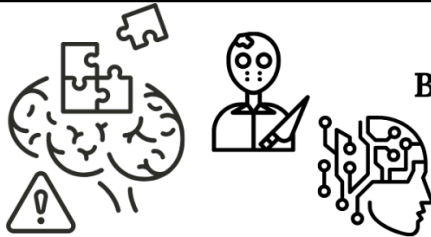
9th-12th GRADE

COURSE DESCRIPTION

This full-credit honors course is designed to give students an understanding of psychology as a science. Students are introduced to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. This course emphasizes examination of behavior and mental processes, and it infuses perspectives fostering students' growth, development, and understanding of cultural diversity. Students of psychology acquire information from a variety of sources, use information as they make decisions and evaluations, and solve problems. The study of psychology enables students to recognize and cope with uncertainty and ambiguity in human behavior.



ACTIVITIES



Build a Brain, Memory Games,
and a Serial Killer Research
Project

WHAT ARE OTHER STUDENTS SAYING

"This class gave me a better understanding of what the field of psychology encompasses and how it is seen in every aspect of our daily lives."

"Psychology is more than what the average person thinks it entails. By taking this class I was able to learn, understand, and apply the different approaches and theories of psychology."



LAW & JUSTICE



HONORS/ACADEMIC 10th-12th GRADE

COURSE DESCRIPTION

Law and Justice is an in-depth study into the legal, judicial, law enforcement, and correctional systems of the United States. Students focus on legal principles and the laws and procedures derived from them. They examine relevant examples of civil and criminal laws, law-enforcement methods, court procedures, and the correctional system. Units of study include criminal and civil law, court systems, sentencing and corrections, law enforcement, and crime scene investigations.

ACTIVITIES



Mock Trials (Criminal and Civil Cases), K9 Day, Field Trip to Jail/Prison, Criminal Minds Project (Suspect Boards), Famous Crimes and Criminals Project, Prison Blueprints Project, Numerous Guest Speakers including Police Officers and Attorneys!

WHAT ARE OTHER STUDENTS SAYING

"Law and Justice is truly the best class I have ever taken! The material is fun to learn, and the projects are so easy and fun! Best class ever! (And great teacher!!)"

"Law and Justice is an exciting and informative class with lots of hands on activities and experiences, like visiting the state prison!"

"I love this class and Mr. McConnell. Highly recommend to anyone! There's super fun activities. I would take this class again if I could."



SOCIOLOGY/PSYCHOLOGY

9th-12th GRADE

COURSE DESCRIPTION

This course provides an overview in the areas of Sociology and Psychology as a combined full-credit elective. Sociology gives students a general background of the major aspects of sociology. Students study the basic forces of social relationships as they influence the values, behavior, and knowledge of man. This course promotes an understanding of the way people develop an identity as individuals and as members of their societies and cultures. In Psychology, the story and growth of psychology as a science are studied. Basic theories of learning, personality development, patterns of human behavior, heredity and environment, and mental health are analyzed.

ACTIVITIES



Hands on activities/simulations
Contemporary Psych/debates
Focus on modern social groups

WHAT ARE OTHER STUDENTS SAYING

“A great intro course if you want to study Sociology and Psych.”
“One of my favorite electives!”



PEPI II

11th-12th GRADE
(PREREQUISITE- PEPI I)

**APPLICATION
REQUIRED**

COURSE DESCRIPTION

Students will plan and implement lessons like in PEPI I, but take on a more leadership role within their PEPI class with peers. This class allows for leadership experience within the PE environment.



ACTIVITIES



Field trips with the ECS program to bowling.
Trips to the elementary school to provide PE instruction.

WHAT ARE OTHER STUDENTS SAYING

“PEPI helped me think about a future in teaching special ED.”

“PEPI is an enjoyable experience that makes me feel like I’m accomplishing something.”



PEPI I

11th-12th GRADE

APPLICATION
REQUIRED

COURSE DESCRIPTION

PEPI stands for Physical Education Pupil Instruction. Students will plan and implement PE classes to our extended content standards (ECS) classes, as well as Freshmen PE classes.



ACTIVITIES



Field trips with the ECS program to bowling. Trips to elementary school to provide PE instruction.

WHAT ARE OTHER STUDENTS SAYING

“PEPI has been a very fun and welcoming experience!”





PHYSICAL FITNESS



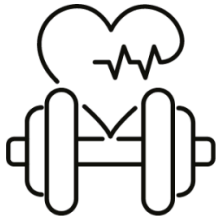
9th-12th GRADE

COURSE DESCRIPTION

Exercise and learn about fitness and nutrition and exercise using weights, stations, and other fun equipment.



ACTIVITIES



Achieve your fitness goals, have fun and develop lifelong skills and knowledge about exercise and nutrition.

WHAT ARE OTHER STUDENTS SAYING

“Just Do It” - Nike (not Mike)



PHYSIOLOGY & FITNESS OF WELLBEING



10th-12th GRADE

(PREREQUISITE- HEALTHFUL LIVING)

COURSE DESCRIPTION

This is the only honors fitness course offered in the county, its a great way to manage stress and improve your mental health and wellness, perfect for anyone, from someone new to exercise and fitness to someone trying continue their fitness journey. Get your workout during the school day, no gym fees, and an honors credit. We learn a lot about nutrition and track, manage and analyze our nutrient intake using an online nutrition program. Come and join the fun.

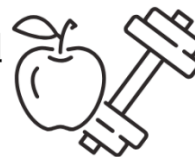
ACTIVITIES



Many different types of fitness stations, some weight lifting and conditioning and yoga every friday

WHAT ARE OTHER STUDENTS SAYING

"It was fun and changed my life for the better and I learned lifelong fitness and nutrition habits"



SPORTS MEDICINE I

10th-12th GRADE

COURSE DESCRIPTION

Sports Med 1 covers the foundations of standard injuries, treatments, and care pertaining to sport related activities. Learning CPR, first aid, how to wrap injuries and concussion protocol.



ACTIVITIES



Hands-only CPR, Use of an AED, Use of an Epi-pen

WHAT ARE OTHER STUDENTS SAYING

"I loved taking Sports Medicine 1 with Ms. Arey, and especially loved all the hands-on learning we did. We learned how to wrap different body parts and learned how to use Epi-pens, which I think is very interesting and practical."



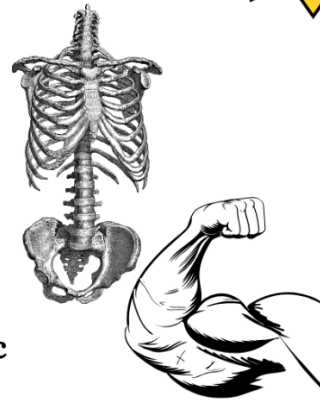
SPORTS MEDICINE II

10th-12th GRADE
(PREREQUISITE- SPORTS MED. I)

(APPLICATION
REQUIRED)

COURSE DESCRIPTION

Sports Med 2 dives further into the anatomy of the body and how sport injuries affect specific muscles, tissues, and bones of the body. Level 2 requires 45 total observation hours where students are able to observe and practice care and skills learned in class, as well as "shadowing" a certified Athletic Trainer.



ACTIVITIES



Hands-only CPR, Use of an
AED, Use of an Epi-pen

WHAT ARE OTHER STUDENTS SAYING

"I loved taking Sports Medicine with Ms. Arey, and especially loved all the hands-on learning we did. We learned how to wrap different body parts and learned how to use Epi-pens, which I think is very interesting and practical."



SPORTS MEDICINE III

HONORS 10th-12th GRADE

(PREREQUISITE- SPORTS MED. II)

(APPLICATION
REQUIRED)

COURSE DESCRIPTION

Sports Med 3 focuses on rehabilitation and the healing processes of tissue and bones. Building off of information taught in SM 2, students will be able to formulate treatment plans and rehabilitation programs. Sports Med 3 requires 90 observation hours



ACTIVITIES



Hands-only CPR, Use of an AED, Use of an Epi-pen

WHAT ARE OTHER STUDENTS SAYING

"I loved taking Sports Medicine with Ms. Arey, and especially loved all the hands-on learning we did. We learned how to wrap different body parts and learned how to use Epi-pens, which I think is very interesting and practical."



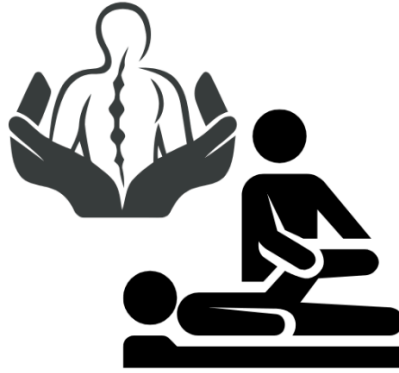
SPORTS MEDICINE IV

HONORS 10th-12th GRADE
(PREREQUISITE- SPORTS MED. III)

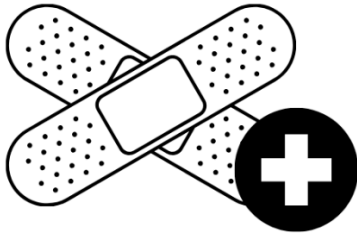
(APPLICATION
REQUIRED)

COURSE DESCRIPTION

Sports Med 4 is the highest level of sports medicine at Holly Springs. Focusing on internships, students in Sports Med 4 will travel off campus during the school day to local physical therapy offices and chiropractic offices to observe the day today workings of these professions.



ACTIVITIES



Hands-only CPR, Use of an AED, Use of an Epi-pen

WHAT ARE OTHER STUDENTS SAYING

"I loved taking Sports Medicine with Ms. Arey, and especially loved all the hands-on learning we did. We learned how to wrap different body parts and learned how to use Epi-pens, which I think is very interesting and practical."



STUDENT LEADERSHIP

12th GRADE

(APPLICATION
REQUIRED)

COURSE DESCRIPTION

This course is a Healthful Living Elective for SENIORS designed to develop leadership abilities in students. Service projects will aim to enhance student self-esteem, self-awareness, communication skills, and social interaction skills while making a positive impact on our school and local community. A traditional classroom environment of teaching and learning will also be utilized to further student content knowledge on leadership skills, styles, and attributes of effective leaders.



ACTIVITIES



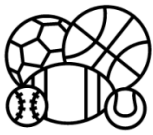
Service Projects at local Elementary & Middle Schools, Presentations to 9th Grade Healthful Living Classes, Assistance with HSHS Sunshine Club, and HSHS Campus Improvements; Reading books such as Who Moved My Cheese, Atomic Habits, The Energy Bus, and The Student Leadership Team Captains Manual; Focus on Goal Setting, Communication, Decision Making, Humility, and Character.

WHAT ARE OTHER STUDENTS SAYING

"Good elective to have as a senior to be able to give back to the school and community and also learn skills that can help in future leadership roles."

"I loved going back to Holly Ridge Elementary to help out with projects and also see teachers that were still there when I went there."

"I remember the seniors coming in to my Health class when I was a freshman so now as a senior it was cool to be able to give advice to the freshmen and help them along their way just as the seniors had done for me when I was in 9th grade."



TEAM SPORTS I



10th-12th GRADE

COURSE DESCRIPTION

The Team Sports course emphasizes DAILY student participation in meaningful physical activities (e.g., exercise forms, sports, and games). Students will demonstrate good sportsmanship in a competitive setting.



ACTIVITIES



Play a variety of sports and hold fun competitions!

WHAT ARE OTHER STUDENTS SAYING

“It’s a great break in my day.”
“It’s fun trying new sports.”





TEAM SPORTS II



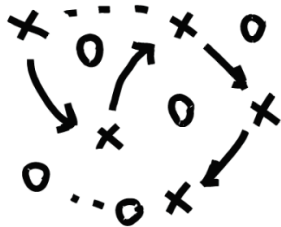
10th-12th GRADE
(PREREQUISITE- TEAM SPORTS I)

COURSE DESCRIPTION

The Team Sports course emphasizes DAILY student participation in meaningful physical activities (e.g., exercise forms, sports, and games). Students will demonstrate good sportsmanship in a competitive setting.



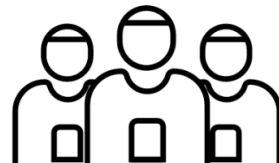
ACTIVITIES



Play and run a variety of sports games and events

WHAT ARE OTHER STUDENTS SAYING

"It's a great break in my day."
"It's fun trying new sports."





FRENCH I



9th-12th GRADE

COURSE DESCRIPTION

Beginning level French - go from nothing to writing and reading paragraphs! Be able to speak on a beginner level



ACTIVITIES



Food truck rodeo - create your food truck and menu then go buy and sell at each others' trucks. Give your best food / truck critique

WHAT ARE OTHER STUDENTS SAYING

"This a 'class of all times'. It's a lot of fun. I especially love learning about French culture."





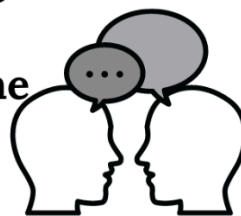
FRENCH II



9th-12th GRADE
(PREREQUISITE- FRENCH I)

COURSE DESCRIPTION

Keep building your French vocabulary and grammar knowledge. Begin to understand simple spoken language. Apply your knowledge through dialogues and skits. Learn about the culture of several Francophone regions around the world.



ACTIVITIES



House project - show someone around!, Gimkit, Bingo, Flyswatter, and many more!

WHAT ARE OTHER STUDENTS SAYING

"The class is so interactive, you are actively learning throughout the class without knowing it, French 2 is a great opportunity to make friends."

"It's a fun class because the same people follow you from French 1. It also made me feel smart because I could finally form coherent sentences in French."





FRENCH III HONORS



10th-12th GRADE

(PREREQUISITE- FRENCH II)

COURSE DESCRIPTION

Dig in deep to French grammar concepts, begin to understand everyday spoken language in real time, enjoy talking about relevant topics like Friendship, Social Media or the Environment and what your future might look like.



ACTIVITIES



Protect the Environment PSA, Job fair (create your own company and then interview classmates to hire)

WHAT ARE OTHER STUDENTS SAYING

"The class is smaller - you're with your friends!"
"You can be in French Honor Society and go to the French Festival."
"We focus less on vocabulary and more on applying the language, it's more interactive. It's not HW heavy, and we create skits, videos and play Gimkits."

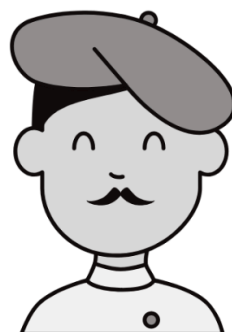


FRENCH IV HONORS/AP

10th-12th GRADE
(PREREQUISITE- FRENCH III)

COURSE DESCRIPTION

Combined class that looks at a ton of culture. More reading/writing/speaking based. Topics are the AP themes, where we dive deep into global topics and explore the francophone culture around the world and how it relates to us.



ACTIVITIES



Skits, Cultural presentations,
Discussions &
Debates in French

WHAT ARE OTHER STUDENTS SAYING

"Although French 4 proved to be a challenging class it was also one of the most rewarding classes I have taken. It forced me to get out of my comfort zone and gain a deeper understanding of Francophone countries and their cultures and traditions."
"Keep in mind that in French 4 and Ap french you WILL HAVE TO speak french most of the time."



LATIN

9th-12th GRADE

COURSE DESCRIPTION

Interested in all things Roman? Latin is for you! You will explore the grandeur of Rome. You will take tours of ancient architecture and marvel at their art. You will read the best literature that ever existed and delve into the mysteries of mythology. Along the way, there will, of course, be grammar...



ACTIVITIES



Mythology days, Architecture Models, and Putting Romans on Trial are just some of the activities found in Latin at HSHS..

WHAT ARE OTHER STUDENTS SAYING

"Latin has the most welcoming and accepting atmosphere!"
"The stories are really fun and I look forward to coming to this class every day."
"Latin is lit"



**Buenos
días!**

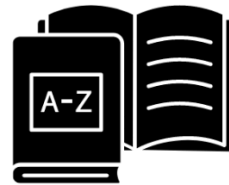
SPANISH I

Gracias!

9th-12th GRADE

COURSE DESCRIPTION

Spanish 1 course introduces students to beginning of Spanish language learning, and aspects of Hispanic cultures. This course encourages communication through basic speaking and writing, providing opportunities to make and respond to basic requests and questions. Students participate in brief guided conversations on familiar topics, and write simple sentences with guidance. This course also emphasizes reading and listening comprehension skills as well.



ACTIVITIES



**Fun activities,
Culture grams,
lots of group activities.**

WHAT ARE OTHER STUDENTS SAYING

**“Me encanta el español.”
“It’s been awesome learning
Spanish.”**





SPANISH II



9th-12th GRADE
(PREREQUISITE- SPANISH I)

COURSE DESCRIPTION

This course is designed for students who want to continue learning about the Spanish culture and language. Emphasis is placed on communication so that students have the skills to speak and comprehend others in Spanish, and understand information that is spoken and written. Activities are designed to better prepare students to use the language in their community or while traveling. This course is also targeted for those students who are interested in Study Abroad programs available in many Spanish-speaking countries. It is also great preparation to those wanting to attend college without paying for the extra classes.



ACTIVITIES



Review of Spanish 1, Learn about Latin music and movies, Create a travel blog, Share childhood memories, Talk about past events, Play different games to learn vocabulary and practice grammar, Learn about cultural topics through "culturegrams"

WHAT ARE OTHER STUDENTS SAYING

"I would recommend taking Spanish because I have learned a lot. We watch lots of fun videos and do fun activities. This class is also pretty easy! If you pay attention, do your work, and try hard, you should do really good."

"I would recommend this class to every person that is interested and wants to learn more about Spanish. It is a fun class and you get to do fun projects and activities within the class."



SPANISH III HONORS

9th-12th GRADE
(PREREQUISITE- SPANISH II)

COURSE DESCRIPTION

Honors Spanish 3 is a course that concentrates on putting everything together from Spanish 1 and 2 and using it in real life situations. Time is spent on taking what students know to the next level. Spanish 3 students will be able to form original sentences in Spanish, rather than just using memorized sentences. Students will be expected to try to speak in Spanish as much as possible and present in small groups in Spanish as well.



ACTIVITIES



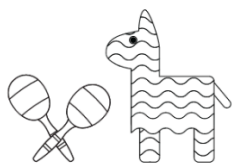
**Buenos
días!**

Art gallery project,
Business Job Fair,
Commands, learning more
about culture

WHAT ARE OTHER STUDENTS SAYING

"Creates fun activities for students to connect and allows us to say no to anything that makes us feel uncomfortable."
"Pushes us to do our best, she was invested in us."
"She listens to you and involves everyone in class."
"Everyone feels loved in her class."





SPANISH IV

¡POR FAVOR!

9th-12th GRADE
(PREREQUISITE - SPANISH 3)

COURSE DESCRIPTION

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.



ACTIVITIES



Emphasis is placed on developing skills to lead to fluency. Each day, we practice listening, speaking, reading and writing.

WHAT ARE OTHER STUDENTS SAYING

“The class is much more than just learning the language.”
“Keep developing your Spanish skills!”

Gracias

AFRICAN AMERICAN LITERATURE

HONORS/ACADEMIC 10th-12th GRADE
(PREREQUISITE- ENGLISH I)

COURSE DESCRIPTION

This course explores African American writing and its relationship to American history and culture. This literature-based course is intended for those students interested in a deep and extended exploration of African American writing and its relationship to American history and culture. Students can expect to study a survey of the African American experience, from pre-colonial voices through urban fiction, poetry, and music lyrics. It follows the trajectory of African Americans from Africa to the present.



ACTIVITIES



African folktales, Harlem Renaissance research project, African Americans in film digital presentation, current events

WHAT ARE OTHER STUDENTS SAYING

"I feel seen."

"I think the film project was my favorite."

"I never heard of an annotated bibliography before. I'm glad I learned about it."



ARGUMENT THEORY

HONORS

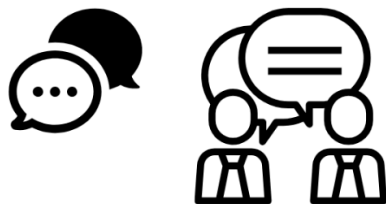
9th-12th GRADE

COURSE DESCRIPTION

Discover different styles of argument Critically analyze arguments Create original arguments through writing and speech



ACTIVITIES



Written Arguments
Informal Debates
Speech Formal Debate

WHAT ARE OTHER STUDENTS SAYING

"You can finally win an argument against your parents."
"Lots of extra credit."
"Better than 90% of the other electives."
"Take this class if you want to go into law."



CREATIVE WRITING I

HONORS / ACADEMIC 9th-12th GRADE

COURSE DESCRIPTION

Our lives are full of stories, from the stories we hear growing up, to the stories we love to watch or read, to the stories that we tell ourselves about our lives and the world around us. Creative writing is the effort to tell those stories, especially the stories that only you can tell.

Creative writing I is a writing intensive course focused on the crafting and telling of stories.



ACTIVITIES



Over the course of the semester, you will create your own characters, build your own world, write a horror story, and write various types of poetry. You will keep a daily writing journal and share your writing to the class during Open Mic.

WHAT ARE OTHER STUDENTS SAYING

"I would describe creative writing as a class where you embark on a journey of self discovery through your own imagination and style of world-building. You have the freedom to do things in your way your method, of course within the guidelines. From creating your own fan-fiction to crafting elegant poems of your own, creative writing has a lot to offer."

"I enjoy this class because I get to learn more about how to write stories and poetry. This class could also help you a lot in English while also having the opportunity to write interesting stories about literally anything you want."

CREATIVE WRITING II

HONORS/ACADEMIC 10th-12th GRADE
(PREREQUISITE- CREATIVE WRITING I)

COURSE DESCRIPTION

In this course, students will research, create, read, and study a specific genre and the movements within that genre over the past 100 years. They create manuscripts for presentation to various outlets for publication and may be expected to participate in the publication of a school literary magazine.



ACTIVITIES



Character creation, short writings in multiple genres, book cover creation.

WHAT ARE OTHER STUDENTS SAYING

“In Creative Writing II, we were assigned to write 16,000 words for a novel. That was one of my favorite projects and trying to craft a whole book was a fun challenge.”





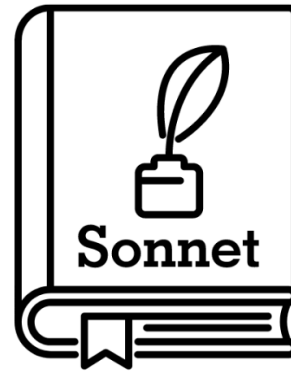
SHAKESPEARE



HONORS/ACADEMIC 9th-12th GRADE

COURSE DESCRIPTION

No tests or quizzes Low-risk group and class performances Participation heavily encouraged, but neither graded nor required Lesson + project emphasis on characterization and character motivations Explore dramatic plots through group and whole-class readings/discussions



ACTIVITIES



Stage combat sword fighting (with foam swords) Shakespearean murder mystery Trial of Richard III Taming of the Shrew Game Show Creating a Political Campaign for an Othello Character

WHAT ARE OTHER STUDENTS SAYING

"It's not what you think it is."
"Shockingly, he's a pretty good writer."
"The text is easy to understand."
"Chillest class ever."



FULL
YEAR
CLASS

YEARBOOK I

9th-12th GRADE

COURSE DESCRIPTION

Yearbook documents the events of the year. Tasks and responsibilities include collaborating with students, faculty and staff all over HSHS- interviewing, photographing, designing pages, marketing and more.

#yearbook



ACTIVITIES



Collaborate & communicate with fellow yearbook staff.

Design marketing projects

Take pictures and conduct interviews.

WHAT ARE OTHER STUDENTS SAYING

"You make a lot of friends."

"I've gotten more involved with the school."

"I've met so many people."



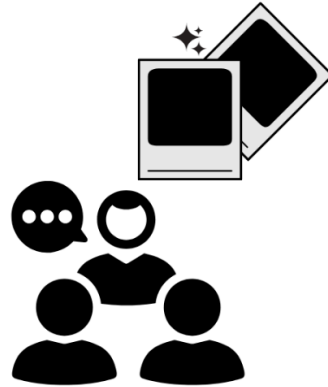
YEARBOOK II HONORS

FULL
YEAR
CLASS

10th-12th GRADE
(PREREQUISITE- YEARBOOK I)

COURSE DESCRIPTION

Second year you refine and enhance all the skills from Yearbook I. Yearbook II students hit the ground running by working on the new yearbook day one!



ACTIVITIES



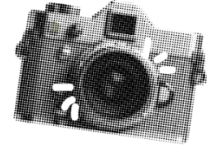
Everything from Yearbook I plus likely leadership opportunities (editor roles).
Plan team building activities for staff
More creative freedom

WHAT ARE OTHER STUDENTS SAYING

"Helped me get organized." "When I come into this class it is like a breath of fresh air and it helped me improve my social skills."



YEARBOOK III HONORS



FULL
YEAR
CLASS

11th-12th GRADE
(PREREQUISITE- YEARBOOK II)

COURSE DESCRIPTION

All of the responsibilities and tasks from Yearbook I & II, but students will also be expected to carry out editor roles and duties.



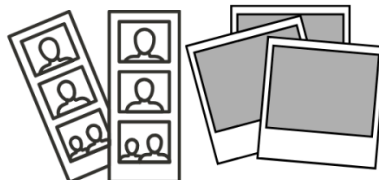
ACTIVITIES



Plan yearbook pages and assign to staff.
Choose page designs and assist with portrait page layout & accuracy.
Proof pages and collaborate with advisor weekly.

WHAT ARE OTHER STUDENTS SAYING

"It's the highlight of my day!"
"I love coffee shop
Wednesday!"



METEOROLOGY

HONORS/ACADEMIC 10th-12th GRADE

COURSE DESCRIPTION

This course is designed for the student fascinated by not only weather phenomena but also for those interested in pursuing a career in the atmospheric sciences. Strong emphasis will be placed on scientific laws and principles that interrelate with vast numbers of diverse astronomic, geographical, and atmospheric variables that ultimately result in output that we simply call weather. This course provides a relatable and experiential view of our sometimes invisible, but always impactful atmosphere and its importance to life on this planet.

ACTIVITIES



Tornado Tunnels, Kite-Making Competition, Forecasting Challenges, Historical Weather Events, Phase Change Labs, Humidity and Solar Elevation Angle Measurements

WHAT ARE OTHER STUDENTS SAYING



"I think this class was more useful than others."
"I really enjoyed this class, especially the fact that it is about things that we will use in the real world. I am still unsure what I would like to do in college, but I found that this class was the first class that I have taken in high school that made me think, Maybe I want to do that when I am older."

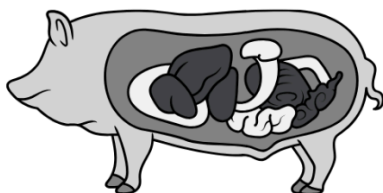
ANATOMY & PHYSIOLOGY

HONORS/ACADEMIC 10th-12th GRADE
(PREREQUISITE- BIOLOGY)

COURSE DESCRIPTION

Anatomy & Physiology is devoted to the study of the human body. Over the course of the semester we will cover the systems of the body, particularly how they function independently and how they coordinate to create the human body as a whole. Learning will be achieved through multiple strategies, including lab explorations, various forms of technology, note taking and critical thinking. Although this class is challenging, it will be fun! Human Anatomy and Physiology is an elective course that integrates class work, dissections, and other laboratory experiences to present the human as a marvel of biological engineering. The topics discussed will be tissue studies and a systematic study of the human form (bones, muscles, nerves, circulation, digestion, respiration, endocrinology, reproduction and excretion.) Students will possess a variety of dissection skills and be able to use them to explore body systems. Students will understand in modern terms the functions of a variety of body systems and organs. This course is set up as an introduction to students heading into various health care related fields. It is intended to expose those students to the terminology and techniques that they will be using in their advanced education. This introduction will be invaluable as students begin their college courses in Anatomy / Physiology. To be successful in this class it is important to stay on top of the subject matter by being an active participant in class, as well as putting in quality time towards out of class assignments and study.

ACTIVITIES



Lab work will be concerned mainly with the dissection of the fetal pig as a representative of a mammal (and is required).

WHAT ARE OTHER STUDENTS SAYING

"Its an enjoyable class due to the well structured material and amazing teacher"

"It is a straight-forward class with thought out instructions. Mrs. McKinney is a kind and understanding teacher who will work with you during class and other times, like lunch."

"The material can be very useful in the real life world. This class can spike interest into students that are interested in the medical field. The teacher makes everything in this class and learning so much better"



FORENSIC SCIENCE

HONORS/ACADEMIC 10th-12th GRADE
(PREREQUISITE- BIOLOGY & CHEMISTRY)

COURSE DESCRIPTION

An engaging examination of the history and reality of Forensics and Forensic Science for any student fascinated by forensic science and "all those TV shows and movies." or a career in law enforcement of Forensic Science. The course will cover the history of Forensic Science as well as many major disciplines and specialties within the field.



ACTIVITIES

The course consists of 6 units. Unit 1 covers the history of forensic science and development of the crime lab, Unit 2 discusses type of evidence, evidence collection/documentation/preservation, and general skills like Forensic Entomology and Pathology, Unit 3 focuses on Forensic Psychology including motive, types of criminals, and sociopathic versus psychopathic behaviors, Unit 4 features labs and activities in Document and Handwriting Analysis and Fingerprinting, Unit 5 encompasses ballistics and toolmarks, and Unit 6 is the human body as evidence including skeletal remains, autopsies, remains recovery, dental pattern analysis, and DNA profiles.

WHAT ARE OTHER STUDENTS SAYING

"This class was so much fun and we got to DO so many things you see on TV." "Really has you doing the science and analysis and tryin to "solve" the crime, even if there wasn't an actual suspect in the end. :("

"Probably the most realistic class I have taken so far I appreciate the creative aspects and the fact the we got to use our notes on the tests. Loved this class, it is my favorite class ever (so far)"



MARINE ECOLOGY HONORS

10th-12th GRADE

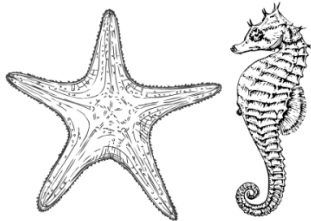
COURSE DESCRIPTION

The interrelationships among marine organisms and the physical, chemical, geological, and biological factors in their environment are the focus of this course.

The importance of the marine environment to life on Earth is stressed. North Carolina's coastal processes are studied in detail. Laboratory and field experiences are major components of the course. The honors course is taught in greater depth and magnitude.



ACTIVITIES



ocean organism dissections,
relevant topic guest speakers,
mostly project based

WHAT ARE OTHER STUDENTS SAYING

"My favorite was the one pagers, I thought it was an easy way to learn info and let me use some creativity for fun."

