Important Programs

Agenda

- 1. AP/IB
- 2. Collegeboard
- 3. AVID
- 4. Aleks
- 5. Paper.co
- 6. Pathways/Electives
- 7. Closure



South Hills High School Counseling Team









Counselors will be visiting classrooms in February to begin scheduling for next year. More information will be sent home at the end of this month.

Pre- AP (Advanced Placement)

- **♦** CollegeBoard
- **Pre-AP** Partner School

- Pre-AP courses go on transcripts
- All 9th & 10th Grade English courses are Pre-AP
- Biology & Chemistry
- Increase rigor and provide framework to prepare students for Advanced Coursework (AP & IB)

Advanced Placement



- 9th-12th grade
- Multiple content areas
- AP exams are multiple choice and short-answer/essay exams
- Exams are based on in-depth mastery of specific concepts within a given subject

Collegeboard Student Account

Used for Pre-AP and AP classes, and for AP, PSAT, and SAT testing.

Link: https://www.collegeboard.org/

Generating password

Keep in mind passwords are needed for CSU, UC, COMMON APP, Fafsa, other additional school related sites

International Baccalaureate



- 11th and 12th grade
- Diploma Program (6 classes), Associates
 Program (3-4 classes) or Courses (1-2 classes)
- Exams are based on broad general understanding of concepts and fundamental themes and include classwork/assignments towards your final score
- To prepare for these classes, you should take Honors/AP level courses in 9th and 10th grade

International Baccalaureate Program= IB

- IB spring exam registration begins mid fall semester and ends in November.
- Click <u>here</u> for registration flyer with more information.

IB/AP

<u>IB</u>	<u>AP</u>
Comprehensive Program	Individual coursework with no
• 2-year courses	additional requirements (no
Student-centered / Inquiry	core)
and discussion-based	• 1-year courses
Multiple Assessments	One exam
(external, internal, exams,	Content-Centered/ Lecture
orals, presentation, etc).	style.

AVID

Grade 9

Application and interview required



- → AVID is a college readiness program designed to help students develop the skills they need to be successful in college.
- → The program places special emphasis on growing writing, critical thinking, teamwork, organization and reading skills.
- → This elective course is designed for underachieving-disadvantaged students with academic potential to succeed.
- → Students must want to be enrolled in a rigorous curriculum that prepares them for college eligibility.

Aleks

- www.Aleks.com
- Aleks is an online math enrichment program.
 - Math 1 and 2 are using ALEKS exclusively

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SHHS ACADEMIC RESOURCES https://bit.ly/shhsacademicresources

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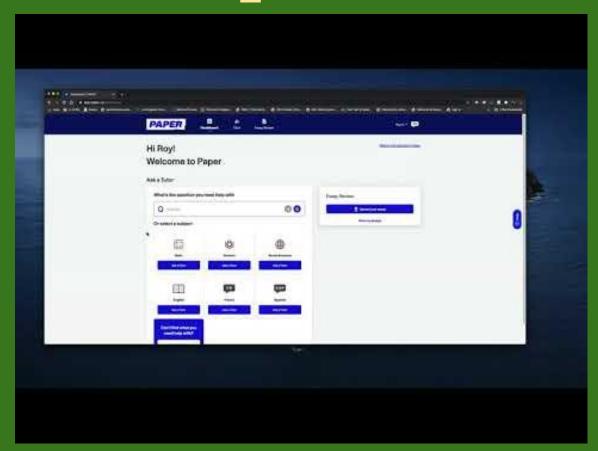


https://paper.co

Paper.co

What is Paper.co?

It's a 24/7 online tutoring site for all subjects.



←Here is a quick video on how to log in from NorthView
High School

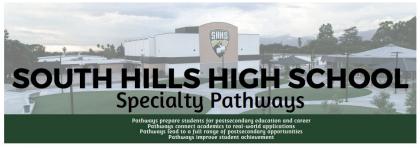
Pathways and Electives

Specialty Pathways

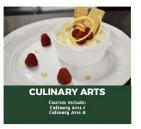
CA Dashboard Pathways

- Theater
- Culinary Arts
- Sports Medicine
- Business
- Video Production
- Choir

Click here to download





















Business Pathway

- 1st Course: Entrepreneurship
- 2nd/3rd Course: Sports Management,
 Virtual Enterprise or IB Business
 Management



BUSINESS

Courses Include:
Entrepreneurship
Sports Management
Virtual Enterprise
IB Business Management

Culinary Arts Pathway

- **1**st **Course**: Culinary Arts I
- 2nd Course: Culinary Arts II



CULINARY ARTS

Courses Include: Culinary Arts I Culinary Arts II

Choir Pathway

• **1**st **Course**: Chorus

• **2**nd **Course:** Concert Choir



CHOIR

Courses Include: Chorus Concert Choir

Coding/Computer Science Pathway

1st Course: Exploring Computer Science

2nd Course: AP Computer Science Principles

3rd Course: AP Computer Science A

4th Course: Game Design and Development



COMPUTER SCIENCE

Courses Include:

Intro to Computer Science
AP Computer Science Principles
AP Computer Science A
Game Design and Development

Dance Pathway

- **1**st **Course:** Beginning Dance
- 2nd Course: Intermediate Dance
- **3rd Course::** Dance Production



DANCE

Courses Include:
Beginning Dance
Intermediate Dance
Dance Production

Sports Medicine Pathway

- 1st Course: Sports Medicine
- 2nd/3rd Course: Advanced Athletic Training or IB Sports Exercise and Health Science



SPORTS MEDICINE

Courses Include:
Sports Medicine
IB Sports Exercise and Health Science

Theater Pathway

- 1st Course: Intro to Theatre Arts
- 2nd/3rd Course: Play Production or Advanced Acting



THEATER

Courses Include:
Into to Theater Arts
Play Production
Advanced Acting

Video Production Pathway

- 1st Course: Video Production 1
- 2nd/3rd Course: Video Production II or Video Editing,

Broadcast Journalism



VIDEO PRODUCTION

Courses Include:
Video Production I
Video Production II
Video Editing and Broadcasting Operations

Elective Video



Discussion

Questions and feedback- Please click the link to give us feedback in the survey below.

Parent Feedback Survey

Topics for next session- Exploring college and post highschool options

Intro to Theater Arts



Grades 9-12 Theater Pathway

- → This course introduces students to all aspects of theatre, acting, stage techniques, and the functional roles of the actor, director, and stage support personnel.
- → Make-up, set design, and crew/performance skills are introduced.
- → The history of theatre will be included in the course work through the theatrical content from different historical periods.

Play Production

Grades 10-12 Theater Pathway



- → This course concentrates on refining stagecraft and acting skills.
- → Play Production expands on knowledge gained from Introduction to Theater Arts in that it requires students to become immersed in all aspects of producing a play, including techniques studied in Introduction to Theater.

Participation in SHHS theatrical productions as a cast or crew member is required

Art Appreciation - Sample Projects



Expressive line project
Students will learn the concepts of line and contour line



Still life project
Students will learn to draw from observation and include shading techniques that demonstrate shadow and dimension.



<u>Hand drawing project</u> Students will draw their hands posed in several positions develop careful observation skill.



Geometric Animal project
Students will review their
understanding of value and
contrast.
Successfully create a
contemporary image using
geometric shapes.



Skeleton and Color Theory project
Students will illustrate depth, shadow, texture in a drawing using hatching and cross hatching lines, and demonstrate an understanding of color theory.



Magazine portrait project Students will enhance their sense of design through arranging cut out magazine pieces.

Advanced Art

- This course provides for the further continuity, exploration and amplification of the basic elements and principles of design through a multiple series of mixed mediums in drawing and painting.
- → This class will build upon prior art knowledge and will serve as a strong creative outlet for the student who has the desire to make art. A more advanced approach will be taken in regards to the craft and execution of each project.
- Through historical references and a variety of cultures, a broader depth of understanding of their own creative expressions will be enhanced. Students will consider why people make art and identify an artist's intent in deriving its meaning.
- → Students will use art criticism skills to examine philosophical aesthetics in order to respond to their own artwork and the artwork of others through writing and discussion.

Advanced Art - Sample Projects

























AP Art: 2D

- → Learn to use 2-D design principles to organize an image on a picture plane in order to communicate content.
- → For the AP portfolio, students are asked to demonstrate understanding of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking.



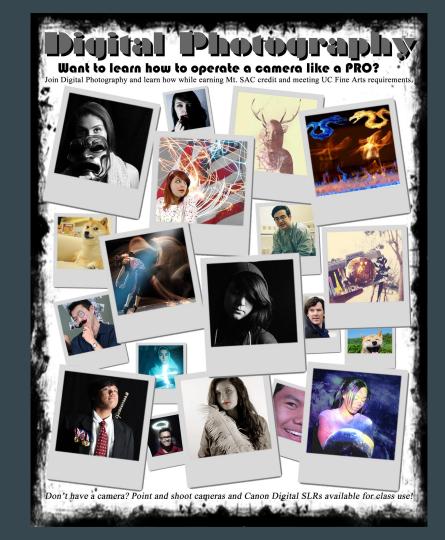
Digital Art

- → Includes digital media such as digital photography, digital video, imagery, and word processing as well as traditional media such as ink, pencils, paint, and other traditional color mediums and how digital processes can enhance works by combining traditional with technology.
- → Students will also learn to transfer files between workstations; create digital photographs using various lighting conditions; produce a stop-motion animation short; create brochures, advertisements, and other forms of page layouts; use of digital and analog video cameras; compress and change digital video formats; and create full digital video movies.
- → Anime based aesthetics will be the basis of the majority of the projects.



Digital Photo

- → Students will learn through demonstration, discussion, research, and studio work the fundamentals of digital image manipulation, and photo retouching techniques.
- → Students will apply all of these skills toward the creation of photographs and high quality digital prints that express or communicate self-assigned themes and concepts.
- → The class will focus on the merging of creative self-expression with photographic theory and digital imaging technologies including: digital camera operation, film and document scanning, natural and studio lighting, photographic quality digital printing, and the presentation and exhibition of their creative work.



Video Production I

Grades 9-12

Video Production Pathway

- → Studetns will work with cameras and editing with Industry Standard

 Software to create music videos, commercials, news reports, short films, and highlight reels
- → Trained in entry level job skills for Entertainment Industry Jobs
- → 7 projects for the year comprise about 75% of the total grade and project work time ranges from 3 weeks to 9 weeks
- → Only a few homework assignments; however, extra work time after school for filming may be necessary
- → Time Management, Self Motivation, Independent learning, and Basic Computing Skills are crucial for success of the course.



Video Production II

Grades 10-12

Video Production Pathway

- → Advanced Techniques including editing, acting, directing, and screenwriting
- → Create Recut Trailers (making a trailer of a movie into something new), Mini-Documentaries, Personal Essay, Short Film
- → Completion of Video Production I with a "C" or better required

TV & Broadcast Journalism Production

Grades 9-12 (application required)

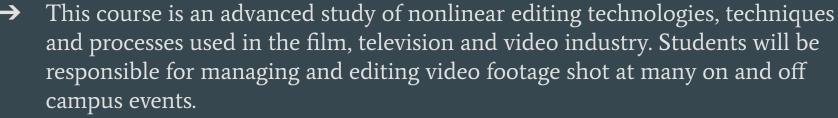
- → This course provides students with the opportunity to produce a television news program.
- → Students will conduct research, write stories, conduct interviews, deliver a news broadcast to an audience, operate professional cameras, lighting, teleprompter, and sound equipment. Students will research and analyze careers in television and broadcast journalism and then acquire the knowledge and skills necessary to further their education and training in this industry.



Video Editing and Broadcast Operations

Grades 11-12

Video Production Pathway



- → Work with the Special Effects program to create advanced titles, coloring, special effects, etc
- → Project based class that will only have a few projects throughout the year that will take several weeks to complete

<u>Video Production I & II completion with a "C" or better is required.</u>



|Ceramics



Grade 12 only

- → This course is a technical and aesthetic exploration of three-dimensional design through the mediums of clay, metal, glass, stone, wood, polymer clays and fibers.
- → The course will also include two-dimension basic drawing and layout skills, as well as reviewing instructional videos and examples of artistic sculpture.
- → Students will also make a heritage or cultural vase, a set of matching mugs, a musical instrument and a Mother's' Day gift.
- → During second semester, students will be introduced to well throwing.
- → The students also learn the process through which clay goes through from start to finish and how to apply glaze.

Chorus/Concert Choir

Grades 9-12

Choir Pathway

- → The South Hills Concert Choir is an elective course that provides students with the opportunity to sing in a dynamic, and energetic choral setting.
- → Students will learn the fundamentals of choral pedagogy, including harmony, breathing, diction, phrasing, expression, etc.
- → Students will also be introduced to music theory, and sight singing skills.
- → The Concert Choir performs 2-3 yearly concerts, as well as special songs for various school rallies and events. In the 2018-2019 school year, we also have plans to participate in a Choral Festival at the Walt Disney Concert Hall, in Downtown LA.



Marching Band

New Student Orientation

May 26th, 2020 7PM SHHS Band Room

Percussion Ensemble Auditions

May 11th - May 14th 4:00 PM-6:00 PM South Hills Band Room

Color Guard Auditions

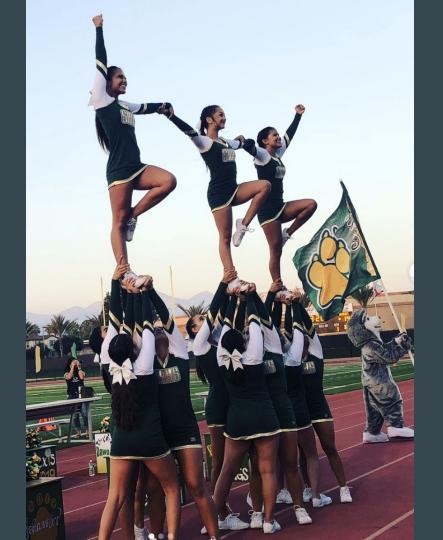
May 11th - May 14th 4:00 PM-6:00 PM South Hills Band Room



^{*}Please contact Mr. Wooten (mwooten@c-vusd.org) if you have any questions or concerns.

Cheer/Song/Mascot

Dates/Times for tryouts TBD



Speech/Advanced Speech

Grade 9-12

- → Open to all students who have a desire to improve their communication skills
- → Students will write and deliver original speeches and express ideas clearly and effectively
- There will be a focus on tone, posture, body language, movement,

and listening



Psychology/Sociology

Psychology Grades 11-12

- → This course is designed to provide the student with a general survey of the broad field of psychology.
- → An opportunity to explore physiological states, perception, cognition, motivation, memory, learned behavior, growth and development, social groups, emotions, personality and disorders.
- → An in-depth survey of the field of psychology that includes human growth and development, personality development and mental health.
- → It is also an opportunity to analyze in writing and discussion student's own personality, talents and goals and introduce peer counseling.

Sociology

Grades 11-12

- Students will gain an understanding of themselves and the impact of groups on the individual.
- → Students will learn how sociologists analyze the basic structures and functions of societies, discover how these societies become organized, identify the conditions under which they become disorganized, and predict the conditions for reorganization.





Peer Counseling 1 & 2

Grades 9-12 (application required)

- → Peer Counseling will provide students with the essential information and skills necessary to counsel, mediate and support students in need and is designed for peer to peer interaction and support.
- The primary goal of the Peer Counseling program is to be an effective tool for providing prevention, intervention, and referral services to students experiencing social/emotional difficulties in conjunction with South Hills Wellness Center.
- → The Peer Counselors provide low-level support and work with students to create action plans and short-term/long-term goals. They will also provide community resources or refer to a school counselor or psychologist on campus to those who need further assistance or are in crisis.
- → Peer Counselors will move onto Peer Counseling 2 where they will work in our brand new Wellness Center, providing support for our students and bringing awareness to mental health/wellness on our campus.



AP Psychology

Grades 11-12

- → This course is designed to allow students to experience an in-depth exploration of human thought processes and behavior through various psychological perspectives, including the psychoanalytic, biological, cognitive, behavioral, sociocultural, and humanistic schools of thought.
- → Key terms, concepts, leaders, and principles of psychology are introduced, as well as contradicting viewpoints as to how these basic factors can be interpreted. Topics such as history of the study, research methods, behavior, psychobiology, consciousness, sensation, perception, emotion, learning, memory, language, personality, psychological disorders, and psychological treatments are studied through lecture, discussion, research, observation, case studies, books, movies, introspection, journal-writing, a variety of student assessments, and an AP texts.
- → Students enrolled in this course must commit to engaging in a strong amount of coursework and homework, including reading, outlining, research, discussion, essay writing, as well as various assessments. Major goals of the course are to expand students' knowledge of Psychology, allow students to apply course concepts to themselves and the surrounding world, and to fully prepare students for the AP Psychology exam.

Sports Medicine

Grades 10-12

Sports Medicine Pathway

- → Introduces advanced anatomy and physiology in a manner that relates to sports medicine and other health care careers
- → Students develop skills necessary to manage common sports related injuries both under emergency and non-emergency type circumstances





Articulated with Mt. SAC

Advanced Sports Physical Therapy

Grades 11-12

Sports Medicine Pathway

This course is designed to broaden the students' knowledge of the field of athletic training, including the vocabulary, theories, principles and skills involved with the rapidly growing field of Sports Physical Therapy. This course will place a special emphasis on the clinical skills and proficiencies necessary to function in the field of athletic training, including but not limited to: creative rehabilitative techniques; therapeutic modalities; prevention, recognition, and care of injuries to the upper extremity, trunk, head and face; injuries to the young athlete; drugs in sports; modern issues in sports medicine.



→ This course involves outside-of-class time for hands-on practice, homework, and additional time as required working with athletes and athletic teams.

IB Sports Exercise and Health Science

Grades 11-12

Sports Medicine Pathway

- → The IB course in sports, exercise and health science standard level (SL) involves the study of the science that underpins physical performance.
- → The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition.
- → Students cover a range of topics and carry out practical (experimental) investigations in both laboratory and field settings.
- This provides an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimensions and ethics by considering sport, exercise and health relative to the individual in a global context.

IB Sports Exercise Health Science

Anatomy/Physiology

Exercise Physiology

Energy Systems

Movement Analysis

Information Processing

Measurements and Evaluation of Human Performance

Optimizing Physiological Performance

Nutrition for Sport, Exercise and Health



Entrepreneurship



Grades 9 and 10

Business Pathway

- This introductory business course provides the future business person with an understanding of job skills, personal finance, marketing, advertising, and legal practices within today's business world.
- These principles and practices will be identified and explored to help students understand the ever-changing, complex fundamentals of the business environment.

Sports Management

Grades 10-12

Business Pathway

- → Sports Management provides students with in-depth concepts of management, marketing concepts, and business throughout the sports industry.
- Topics covered include management theory, ethics in sports, facilities management, sports finance, high school and college sports authority organizations, sports marketing, sports law, sports agents, and emerging issues in sports. Economic and entrepreneurial concepts, including the law of supply and the law of demand, business ownership, leadership, legal issues will also be infused into the course work.
- → Through research, critical analysis, and critical thinking students will gain an understanding of leadership structure and styles, economic impacts both foreign and domestic, networking, branding, and a variety of other options that exist.
- → Over the course of the year the students will select different sport organizations, teams, and leadership roles by which to present business related content including decision-making scenarios, projects, and presentations.



Virtual Enterprise

Grades 10-12

Business Pathway

- → In Virtual Enterprise, students learn all aspects pertaining to starting a business venture including business name, logo, company catalog, business plan, employee manual, business cards, flyers, company website, commercial and company newsletter. The students compete with other high schools around the country in all aspects of business development.
- → Virtual Enterprise is a simulated business that operates in a competitive environment with the goals of:
 - Educating students with key knowledge needed with developing a business.
 - Experiencing the feeling of how a real business is developed and how one operates.
 - Inspiring students to develop a better work ethic.



IB Business Management

Grades 11-12

Business Pathway

The IB Business and Management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. As a course, it aims to encourage a holistic view of the world of business by promoting an awareness of social, cultural and ethical factors in the actions of organizations and individuals in those organizations.

Course Content Includes:

- → Business Organizations
- → Human Resources
- → Accounts and Finance
- → Marketing
- → Operations Management



CISCO IT Essentials

Grades 10-12

Information Technology Essentials covers fundamental computer and career skills for entry-level IT jobs. This course prepares the student for the CompTIA A+ Exam, which awards certification respected by employers in the information technology industry. The IT Essentials course includes curriculum written by CISCO experts, hands-on labs that provide practical experience, and simulation tools which help you hone your troubleshooting skills and practice what you learn.

Exploring Computer Science

Grades 9-12

Computer Science Pathway



Exploring Computer Science is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

Units include:

- **Problem Solving:** You'll practice using a problem solving process to address a series of puzzles, challenges, and real world scenarios. Next, you'll learn how computers input, output, store, and process information to help humans solve problems.
- Web Development: You'll learn how to create and share the content on your own web pages. After deciding what content you want to share with the world, you'll learn how to structure and style your pages using HTML and CSS. You'll also practice valuable programming skills such as debugging and commenting
- **Animations and Games:** The unit starts off with simple shapes and builds up to more sophisticated sprite-based games, using the same programming concepts and the design process computer scientists use daily.
- **The Design Process:** Through a series of design challenges, you will learn how to better understand the needs of others while developing a solution to a problem.
- **Data and Society:** Explore the importance of data in solving problems and highlights how computers can help in this process.
- **Physical Computing:** Using App Lab and Adafruit's Circuit Playground, you'll develop programs that utilize the same hardware inputs and outputs that you see in the smart devices, looking at how a simple rough prototype can lead to a finished product.

AP Computer Science Principles



Why Computer Science? Every 21st century student should have the opportunity to learn computer science. The basics help nurture creativity and problem-solving skills, and prepare students for any future career.

Unit 1: The Digital Representation of Information	Explore the technical challenges and questions that arise from the need to represent digital information in computers and transfer it between people and computational devices.
Unit 2: The Internet	Discover the structure and design of the internet and the implications of those design decisions including the reliability of network communication, the security of data, and personal privacy.
Unit 3: Programming	Learn how to program in the JavaScript language and create small applications (apps) that live on the web with App Lab. Click and drag visual blocks or just type text, switching back and forth at will.
Unit 4: Data	Collect, analyze, and extract knowledge from data by programming and building apps. Process data imported from other sources and also pull data from live data APIs.
Unit 5: Performance Tasks	Design a project plan, then work independently and collaboratively to complete performance tasks for submission to the College Board.

Grades 9-12

Computer Science Pathway

Code.org's Computer Science Principles (CSP) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundation of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security and the societal impacts of computing.

AP Computer Science A

Grades 10-12

Computer Science Pathway

→ This course will prepare students for the Advanced Placement Computer Science A Examination. Programming methodology, algorithms and data structures will be emphasized using Pascal as the programming language.

Course Objectives

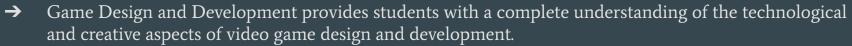
The student will:

- → design and implement computer-based solutions to problems in several application areas.
- → learn well-known algorithms and data structures.
- → develop and select appropriate algorithms and data structures to solve problems.
- → code fluently in a well-structured fashion using Pascal.
- identify the major hardware and software components of a computer system, their relationship to one another, and the roles of these components within the system.
- → recognize the ethical and social implications of computer use.

Game Design and Development

Grades 11-12

Computer Science Pathway



- → Students explore the historical and rapidly changing trends in the field of design and development for video games.
- Through design projects for video games, students develop problem-solving skills, artistic perception, critical thinking, goal & time management, learn how to be self-directed learners, to work independently as well as in groups and how to self-reflect.
- → With the awareness of design solutions throughout history in various cultures, students will understand the impact of video design on player experience.



Culinary Arts

Grades 11-12

Culinary Pathway

- → Students will learn the art of food preparation and service.
- → Includes basic nutrition, basic cooking skills and hospitality.
- → Students learn how to write and execute a menu, product purchasing, recipe development, principles of costing, and other elements that impact a restaurant or caterer of both small and large functions.



Culinary Arts II

Grades 11-12 Culinary Pathway

- Requires successful completion of Culinary Arts I- This course is designed to help students solve problems and think critically by effectively conducting individual and group experiments, writing lab reports and using equipment and supplies from both science and food laboratories.
- → Students will demonstrate an understanding of chemical and biological bases of food processing, preparation, and preservation through challenging group and individual assignments.
- → They will investigate issues in the food science, dietetics and nutrition industry and offer possible solutions.
- → Students will understand safety and sanitation issues by applying principles in laboratory procedures and identifying regulations in food processing and food service industries.

Yearbook

Grade 9-12 (application required)

→ No pressure, but you will design the school's annual yearbook from scratch — blankpages. We create a 300-page full color yearbook that highlights the school year, and it takes a tremendous amount of dedication, effort, and passion. Oh, and time. We take photos, write copy, write captions, and plan and create pages and spreads from blank page to award-winning design. You will gain expert skills and techniques in photography and Photoshop as well as our online program much like InDesign. This class will challenge your leadership, cooperation, and communication skills and practices, and you will grow by leaps and bounds.

Leadership/ASB

Grades 9-12 (application required)

The Associated Student Body and Leadership class are built on the foundation of character, integrity, and leadership. While balancing these traits, the students put on incredible rallies, amazing dances, and school wide activities. ASB is designed to take 60-70 students from different backgrounds, activities, and interests and bring them together to unite the entire student body. We are devoted to promoting a positive school culture while growing as leaders and displaying high character.

Important dates for joining Leadership/ASB

ASB President Meeting: March 9 (only Juniors who have had 1 year in ASB)

ASB President Campaigning: March 16-18

ASB President Voting: March 19 **Class Cabinet Meeting:** March 23

Class Cabinet Campaigning: March 26, 27, 30

Class Cabinet Voting: March 31

ASB Commissioner Applications Available: April 27

ASB Commissioner Applications Due: May 5 **ASB Commissioner Interviews:** May 6 - May 21

ASB Class Announced: May 24



Welding/ Advanced Welding

Grades 11-12

→ Welding classes available at District Tech Center

- → Transportation provided
- → Students can earn a welding certificate after completion of the program and necessary testing



Court Reporting

Grades 11-12

- → Court Reporting classes available at District Tech Center. Students will gain basic knowledge in the use of court reporting technology, real-time transcription and dictation.
- → Transportation provided
- → Students will earn a Court Reporting Certificate after completion of the program

