



2017-18 Course Offerings: Electives

Modern Languages

French I

Prerequisite: None

Introduction to the language and culture of France and other French-speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.

French II

Prerequisite: French I

Designed to further develop listening, speaking, reading and writing with an emphasis on oral proficiency. The student will acquire a basic command of key vocabulary and grammatical structures necessary for limited personal communication as well as an appreciation of diversity in the French-speaking world.

French II Honors

Prerequisite: Teacher Recommendation

Continue to develop listening, speaking, reading, and writing with an increased emphasis on oral proficiency. Students will spend more time on enrichment activities. The goal for certain grammatical functions will be full control rather than partial control. The course is designed for students who have demonstrated superior facility in foreign language by offering them a variety of opportunities for enrichment and oral work.

French III Honors

Prerequisite: Teacher Recommendation

Designed to further develop a student's communication skills and cultural appreciation of the French-speaking world. The student will be able to participate in a variety of oral and written activities.

French IV Honors

Prerequisite: Teacher Recommendation.

Designed to increase oral and written fluency and to provide intensive study of the culture, geography and history of the French-speaking world.

AP French Language

Prerequisite: Teacher Recommendation

Designed to prepare students to take the AP language test by in-depth study of grammar and intensive practice of listening, speaking, reading, and writing.

Spanish I

Prerequisite: NONE

Introduction to the language and culture of Spain and other Spanish-speaking countries. The course will enable students to attain a beginner's level of proficiency in listening, speaking, reading, and writing, with an emphasis on oral proficiency.

Spanish II

Prerequisite: SPANISH I

Designed to further develop listening, speaking, reading and writing with an emphasis on oral proficiency. The student will acquire a basic command of key vocabulary and grammatical structures necessary for limited personal communication as well as an appreciation of diversity in the Spanish-speaking world

Spanish II Honors

Prerequisite: Teacher Recommendation

Continue to develop listening, speaking, reading, and writing with an increased emphasis on oral proficiency. Students will spend more time on enrichment activities. The goal for certain grammatical functions will be full control rather than partial control. The course is designed for students who have demonstrated superior facility in foreign language by offering them a variety of opportunities for enrichment and oral work.

Spanish III Honors**Prerequisite: Teacher Recommendation**

Designed to further develop a student's communication skills and cultural appreciation of the Spanish-speaking world. The student will be able to participate in a variety of oral and written activities.\

Spanish IV Honors**Prerequisite: Teacher Recommendation**

Designed to increase oral and written fluency and to provide intensive study of the culture, geography and history of the Spanish-speaking world.

AP Spanish Language**Prerequisite: Teacher Recommendation**

Designed to prepare students to take the AP language test by in-depth study of grammar and intensive practice of listening, speaking, reading, and writing.

<h2>Physical Education</h2>

General PE**Prerequisite: NONE**

General Physical Education focuses on and enhances skills in any combination or variety of Team Sports, Lifetime Sports, or outdoor education experiences, recreational games, and self-defense. It further promotes methods to attain a healthy and active lifestyle.

Team Sports**Prerequisite: NONE**

These courses are designed to introduce students to a variety of team sports ranging from basketball, volleyball, softball, flag football, soccer and any other team oriented sport. These courses offer the student the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills.

Life Sports**Prerequisite: NONE**

This course is designed to introduce students to different lifetime sports. The course may include the following: tennis, badminton, basketball, volleyball, golf, bowling, four square, and any other individual or dual sport or activity. It will also offer the student the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills for each activity.

Weight Training (Boys and Girls)**Prerequisite: NONE**

These courses are designed to introduce students to a program of activities that promotes the development of health related fitness. Activities may include stretching exercises, weightlifting, strength training, ply metric exercises, flexibility and physical fitness training. Students will devise an individual program for their fitness and strength level.

Aerobic Dance**Prerequisite: NONE**

Aerobic dance is designed to introduce students to a rhythmic program of activities, which promote the development of cardiovascular endurance, flexibility, body toning, muscular strength and muscular endurance.

Intermediate Aerobic Dance**Prerequisite: Aerobic Dance**

This course is designed to teach basic rhythms through movement and exploration of space. Music will be used and experiences to develop fitness through aerobic dance or the use of jump ropes, balls, sticks, streamers or other rhythmic devices will be taught.

Personal Fitness (BPE) (Required for graduation) Fall OR Spring

Personal Fitness is designed to help students understand why exercise and fitness are important and will emphasize successful strategies for maintaining good cardiovascular endurance, flexibility, muscular strength, and muscular endurance. The course will follow a conceptual approach dealing with the following topics: understanding the nature of fitness; appraising individual fitness; understanding methods of conditioning, exercise precautions and fallacies, and problems with maintaining a lifelong fitness program; developing a personal fitness program; and assessing diet and exercise and how they affect your health. In addition the course includes the physical training and fitness goals.

Health (Required for graduation)

Fall OR Spring

Health allows students to develop a higher state of wellness through an understanding of preventative health strategies as they pertain to personal health, mental health, nutrition, communicative and chronic diseases, consumer health, first aid and CPR, drug education, community health, and family living. An emphasis is placed on the decision-making process and preventative health care.

Sports Medicine

Teacher Recommendation

This course is designed as an introduction to the fields of sports medicine and athletic training. It will provide the student with basic information relevant to the prevention, recognition, first aid, referral and rehabilitation of athletic injuries.

First Aid and Safety 17.0130099

Prerequisite: Sports Med.

This course is an extension of sports medicine and athletic training. It will provide a more in-depth examination of athletic training and sports medicine and sports injuries.

Career & Business Technology

Students completing a Technology/Career Pathway are required to take (3) Units in one area of study and (1) Unit in any other area of study.

NOTE: You MUST take the introductory class of any course listed in the Career Technology fields before proceeding to the other classes offered in that area.

Cosmetology Pathway

Intro to Personal Care Services

Prerequisite: NONE

This course introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis will be placed on professional practices and safety. Areas addressed in this course include: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology. Students will experience basic hands on skills in each area to help them determine the pathway they are most interested in pursuing. By completing courses in the personal care services pathways, students can potentially earn credit toward the hours required by the Georgia State Board of Barbering and/or Cosmetology or hours toward their license as an esthetician or nail technician.

Cosmetology Services II

Prerequisite: Intro Personal Care Services

After exploring the different areas of Personal Care Services in the introduction course, students may choose to pursue further training in cosmetology services. This course as well as additional advanced cosmetology courses is aligned with the Georgia State Board of Cosmetology requirements and licensure, and with the Technical College System of Georgia. This course is designed to enhance the understanding of anatomy of the skin and hair relating to the Cosmetology Industry. Students will master shampooing, permanent waving, haircutting, basic skin care, and make-up application while maintaining safety and sanitation in the workplace set forth by OSHA standards.

Cosmetology Services III

Prerequisite: Cosmetology Services II

This course will cover haircutting, hair color, and relaxers. Both theory and practical work will be implemented for students to have basic entry level skills in the field of cosmetology. Safety and infection control will be applied throughout this course. Professional work ethics, communication skills, critical thinking skills, soft skills and professional image will be utilized during this course. This course aligns to the regulations and requirements of the State Board of Cosmetology.

Cosmetology Work-based Program

Prerequisite: Teacher Recommendation

This laboratory course provides experiences necessary for the development of skill levels required to become a cosmetologist. This course provides a portion of hours approved by the Georgia State Board of Cosmetology. The tasks specified by this course will allow a student to earn credit hours toward completion of the 1500 hours required by the Georgia State Board of Cosmetology.

Graphic Design Pathway (Industry Certified)

Introduction to Graphics & Design

Prerequisite: NONE

This class is designed to provide an overview of the design and production of printed material. Students use a Macintosh computer platform that includes the Adobe Creative Suite software (InDesign, Illustrator, Photoshop, and Acrobat). Projects for the class include notepads, business cards, greeting cards, retouched/color corrected photos, booklets, brochures, logo design, cartoons, post cards, package design, etc.

Related careers include printing, publishing, packaging, advertising, graphic design, illustration, photography and are often referred to as the graphic arts, print, or imaging industries.

Graphic Design & Production

Prerequisite: Intro to Graphics & Design

This is the second level course in graphic design and is project based. Students will focus on creative problem solving and implement techniques in design principles, color theory, digital file preparation, output operations and bindery. Student projects will include CD/DVD covers, posters, screen printing (t-shirts), multi-color and multi-page projects, logo design, photoshop editing techniques, and some live work.

Advanced Graphic Design

Prerequisite: Graphic Design & Prod

In this class, students will continue to explore the principles of design and layout procedures as they relate to graphic design. Projects will include portfolio development, digital printing, corporate identity, business ethics, magazine covers, t-shirt design and screen printing. PrintED certification is available to students who complete 3 years of graphics and maintain an 85 or above average in graphics.

PrintED certification is administered through the Graphic Arts Education and Research Foundation (GAERF) and is a national accreditation based on industry standards for Graphic Communications.

Advanced Graphic Output Processes

Prerequisite: Graphic Design & Prod

This class is based on a business model of managing output and completion of jobs related to customer relations, printing, finishing, and binding. Students continue to work on portfolio development, career opportunities, live work, and job entry level skills.

Engineering Pathway

Foundations of Engineering & Technology

Prerequisite: NONE

This class is the introductory course for all Georgia Engineering and Technology Education pathways. This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation.

Engineering Concepts

Prerequisite: Foundations of Eng & Tech

This class is the second course in the engineering pathway. This course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering design, and apply engineering tools and procedures as they complete hands-on instructional activities.

Engineering Applications

Prerequisite: Engineering Concepts

Students have opportunities to apply engineering design as they develop a solution for a technological problem. Students use applications of mathematics and science to predict the success of an engineered solution and complete hands-on activities with tools, materials and processes as they develop working drawings and prototypes.

Research Design and Project Management

Prerequisite: Must be a member of Robotics' Team

Research, Design, and Project Management is the fourth course in the engineering pathway. This course provides students with opportunities to work with students from other pathways as a member of a design team. Research strategies, prototype testing and evaluation, and communication skills are emphasized.

(Healthcare Science) Therapeutic-Medical Pathway

Introduction to Healthcare Science

Prerequisite: NONE

This course is appropriate for students wishing to pursue a career in the Healthcare Industry. Fundamental healthcare skills development is initiated including medical terminology, microbiology, and basic life support. Students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration (OSHA) and Center for Disease Control (CDC). Mastery of these standards through project based learning, technical

skills practice, and leadership development activities of the career and technical student organization -Health Occupations Students of America (HOSA) will provide students with a competitive edge for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Essentials of Healthcare

Prerequisite: Intro to Healthcare Science

Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. Course meets fourth science requirement by the Board of Regents.

Patient Care Fundamentals

Prerequisite: Essentials of Healthcare

This course is designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the career Nursing Assistant. Upon completion of this course and its prerequisites, this course meets the Certified Nurse Assistant curriculum content as specified by the Georgia Medical Care Foundation. Students meeting all academic, attendance, and age requirements may sit for the Georgia Registry's Examination.

Medical Services Internship

Prerequisite: Gen Med + Teacher Rec

This internship focuses on the applications of Medical Services Skills and technology. A minimum of 90 clinical application hours is required. The additional 60 internship hours may be utilized in the class, lab, or clinic settings.

Navy JROTC Naval Science (Students must sign up for two courses)

JROTC Naval Science I Cadet Field Manual

Prerequisite: NONE

The purpose of this course is to combine all information on military drill and ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid, survival, leadership, and communications.

JROTC Naval Science I Introduction to NJROTC

Prerequisite: Naval Science I Cadet Field

The purpose of this course is to help students understand the missions, goals, and opportunities available as members of the NJROTC program. This course will also introduce students to the basic principles of leadership, which combined with the many opportunities for practical experience in the NJROTC program will prepare them for leadership roles in school and upon graduation. Students will gain an understanding of our nation, our values, traditions, heritage, respect for our laws, as well as becoming involved, responsible citizens.

JROTC Naval Science 2 Maritime History

Prerequisite: Naval Science I Introduction

The purpose of this course is to build on the general introduction provided in Naval Science I, to further develop the traits of citizenship and leadership in students, introduce cadets to the maritime history of the world and the United States from the American Revolution through the present time.

JROTC Naval Science 2 Nautical Science

Prerequisite: Naval Science 2 Maritime History

The purpose of this course is to introduce the various nautical sciences through classroom work and some laboratory time. The development of core skills that students should master is integrated throughout the course and includes geography, oceanography, astronomy, physical science, meteorology, and weather.

JROTC Naval Science 3 Naval Knowledge

Prerequisite: Naval Science 2 Nautical Science

The purpose of this course is to further the foundation in citizenship and leadership established in Naval Science One and Two and to expound upon the virtues of the United States citizenship with knowledge of uses of the world's waterways through the viewpoint of National power and International law.

JROTC Naval Science 3 Naval Orientation and skills

Prerequisite: Naval Science 3 Naval Knowledge

The purpose of this course is to further the foundation in citizenship and leadership established in Naval Science One and Two and to provide classroom and practical application in Naval and Ship Organization.

JROTC Naval Science 4 Naval Leadership and Ethics

Prerequisite: Naval Science 3 Naval Orientation

The purpose of this course is to take a more in-depth look at what leadership is and to learn how to maximize leadership abilities. More importantly, this course will assist the student in adding the polish necessary to be a truly effective leader in the NJROTC unit, school, community, and in life.

JROTC Naval Science 4 Effective Communications

Prerequisite: Naval Science 4 Naval Leadership and Ethics

The purpose of this course is to teach the students the techniques of effective communication, which is one of the most important skills that a good leader must develop in order to be successful.

Law & Justice Pathway

Introduction to Law & Justice

Prerequisite: NONE

This course is the foundational course that prepares students for a pursuit of any career in the field of Law and Justice. Basic concepts of law related to citizens' rights and officers' responsibilities to maintain a safe society will be examined. Students will then examine the components of the criminal justice system, including the roles and responsibilities of the police, courts, and corrections. Additionally, students will learn the classification and elements of crimes. Students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, the use of force continuum, report writing, operation of police and emergency equipment, and courtroom testimony. Career planning and employability skills will be emphasized.

Criminal Justice Essentials

Prerequisite: Intro to Law & Justice

Criminal Justice Essentials provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system.

Criminal Investigations and Forensics

Prerequisite: Criminal Justice Essentials

This course will provide students with an opportunity to explore the basic processes and principles of forensic science as it relates to criminal investigation. Students will learn the importance of the identification, collection, and processing of evidence and of its contribution to the criminal investigation. Students will learn of the legal responsibilities and challenges which the forensic investigator may encounter.

(Auto Service Industry Certified Program) Transportation Logistical Support Pathway

Basic Maintenance Light Repair

Prerequisite: NONE

This course is designed as the foundational course for the Automobile Maintenance and Light Repair pathway. Students in this course will learn the basic skills needed to gain employment as a maintenance and light repair technician. Students will be exposed to courses in automotive preventative maintenance and servicing and replacing brakes, and steering and suspension components. In addition, student will learn how to do general electrical system diagnosis, learn electrical theory, perform basic tests and determine necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The hours completed in this course are aligned with ASE/NATEF standards and are a base for the entry-level technician.

Maintenance and Light Repair II

Prerequisite: Basic Maintenance Light Repair

Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose students to automotive preventative maintenance and servicing, as well as replacing brakes, and steering and suspension components. Students will also learn general electrical system diagnosis, electrical theory, basic test requirements, and determining necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. Standards for this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician.

Maintenance and Light Repair III

Prerequisite: Maintenance and Light Repair II

Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose student to automotive preventative maintenance and servicing, replacing brakes, as well as steering and suspension components. Students will learn about general electrical system diagnosis, electrical theory, basic tests that are required, and determine the necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The standards in this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician.

Sports Marketing

Marketing Principles

Prerequisite: NONE

Marketing Principles is the foundational course for the Marketing and Management, Fashion Merchandising and Buying, and Marketing Communications and Promotion Pathways. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies. Instructional projects with real businesses, work-based learning activities including School-Based Enterprises, and DECA application experiences should be incorporated in this course.

Intro to Sports Marketing and Entertainment**Prerequisite: Marketing Principles**

This course introduces the student to the major segments of the Sports and Entertainment Industry and the social and economic impact the industry has on the local, state, national, and global economies. The products and services offered to consumers and the impact of marketing on these products and services are examined. Units include: Business Fundamentals, Product Mix, Product Knowledge, Product/Service Management, Business Regulations, Interpersonal Skill, Selling, Marketing Information Management, Economics, Distribution, Pricing, Advertising, Publicity/Public Relations, Sales Promotion, Business Risks, and Organization.

Advanced Sports Marketing Entertainment**Prerequisite: Intro to Sports Marketing**

This course provides students opportunities to develop managerial and analytical skills and deepen their knowledge in sports/entertainment marketing. Topical units include: Marketing-Information Management, Selling, Publicity/Public Relations, Sales Promotion, Management of Promotion, Product Mix, Pricing, Positioning, and Marketing Planning.

Information Technology

Intro to Digital, Computer Science**Prerequisite: None**

Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

Computer Science Principles**Prerequisite: Intro to Digital, Computer science**

Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. Course meets fourth science requirement by the Board of Regents. Course meets fourth science requirement by the Board of Regents; course meets fourth mathematics, or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses.

Programming Apps Games and Society (third course)**Prerequisite: Computer Science Principles**

Are you ready to design and develop? The course is designed for high school students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world," stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Course meets fourth science requirement by the Board of Regents. Course meets fourth science requirement by the Board of Regents; course meets fourth mathematics, or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses.

AP Computer Science A (third course)**Prerequisite: Computer Science Principles**

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. Course meets fourth science or fourth mathematics or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses.

Video Production

Audio and Video Technology and Film I

Prerequisite: None

This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics. (NEW FY14)

Audio and Video Technology and Film II

Prerequisite: Audio and Video Technology and Film 1

This one credit course is the second in a series to prepare for a career in Broadcast/Video production and/or to transfer to a postsecondary program for further study. Topics include: Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.

Audio and Video Technology and Film III

Prerequisite: Audio and Video Technology and Film 2

This one credit transition course is designed to facilitate student-led broadcasts/videos under the guidance of the instructor. Students work cooperatively and independently in all phases of broadcast/video production.

Culinary Arts

Introduction to Culinary Arts

Prerequisite: NONE

Introduction to Culinary Arts is a course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures.

Culinary Arts I

Prerequisite: Introduction to Culinary Arts

Culinary Arts I is designed to create a complete foundation and understanding of Culinary Arts leading to post secondary education or a foodservice career. Building from techniques and skills learned in Foundation of Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill mastery of Culinary Arts.

Culinary Arts II

Prerequisite: Culinary Arts I

Culinary Arts II is an advanced and rigorous in-depth course designed for the student who has continued the Culinary Arts II is an advanced and rigorous in-depth course designed for the student who has continued the Culinary Arts Pathway and wishes to continue their education at the post secondary level or enter the foodservice industry as a proficient and well rounded individual. Strong importance is given to refining hands on production of the classic fundamentals in the commercial kitchen.

FCS Internship

Prerequisite: Culinary Arts II & Application

The internship offers a candidate in a career pathway a field experience under the direct supervision of a certified teacher. It allows the student to develop a real-world understanding of the responsibilities and opportunities available within their field of study and to gain valuable experience.

Fine Arts - Band

Concert Band - (Intermediate Band)

Prerequisite: Audition

The Concert Band is a double-blocked class. All preparation for the Concert Band(s) is made during the scheduled school day with limited outside rehearsals (Including a symphonic camp in February). Students in the concert band are expected to practice outside of the band class to master the fundamentals necessary to advance their skills. Discipline and positive attitudes are required for these ensembles to be successful. The Concert Band participates in concerts, GMEA Band Festivals, and other school performances.

Symphonic Band - (Advanced Band)

Prerequisite: Audition

The Symphonic Band is a double-blocked class. All preparation for the Symphonic Band is made during the scheduled school day with limited outside rehearsals (Including a symphonic camp in February). Students are encouraged to take private lessons and expected to practice outside of class and have all music prepared for ensemble rehearsals. This is an advanced level class and will expect advanced-level work. The Symphonic Band participates in concerts, GMEA Band Festivals, and other school performances. All performances are mandatory.

Wind Symphony - (Mastery Band)

Prerequisite: Audition

The Wind Symphony is a double-blocked class. Students in the Wind Symphony are encouraged to take private lessons and are expected to practice diligently on their own to perform assigned music. This is an honors level class and will expect honors-level work from the membership. Some rehearsals/sectionals are scheduled outside the school day during the months of January - March at which attendance is mandatory. The Wind Symphony participates in concerts, GMEA Band Festivals, and other honor performances. All performances are mandatory. **LIMITED SPACES**

Fine Arts - Orchestra

9th Orchestra

Prerequisite: Audition

This is an ensemble composed of string instrumentalists. It is made up of only 9th graders who have played a string instrument before and wish to continue in high school. There are no beginners allowed in this course without instructor approval. Students will participate in fall/winter concerts, GMEA Festivals and spring concerts.

Intermediate Orchestra

Prerequisite: Audition, Teacher Recommendation

This is an ensemble composed of string instrumentalists. It is made up of only 10th, 11th, and 12th graders who have played a string instrument before and wish to continue in high school. There are no beginners allowed in this course without instructor approval. Students will participate in fall/winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade III-IV.

Advanced Orchestra

Prerequisite: Audition, Teacher Recommendation

This ensemble is composed of string instrumentalists with at least two years' experience in an orchestral setting and/or private study. Students will participate in fall /winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade IV-V.

Chamber Orchestra - (Mastery Orchestra)

Prerequisite: Audition, Teacher Recommendation

The Chamber Orchestra is a double-blocked class. This is a performing ensemble for players of stringed orchestral instruments possessing ability at an advanced level. Students will participate in fall /winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. grade V-VI. Full orchestra experience will be a regular component of this course. Students must. **LIMITED SPACES**

Fine Arts - Chorus

Beginning Men's Chorus

Prerequisite: None

Open to **men**. This class is for the beginning singer or the experienced singer needing further development. Content includes basic tone production, fundamentals, range, intervals, conducting patterns, three-part singing, and group responsibility. Student should have a desire to sing in an ensemble. This choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation.

Beginning Women's Chorus

Prerequisite: None

Open to **women**. This class is for the beginning singer or the experienced singer needing further development. Content includes basic tone production, fundamentals, range, intervals, conducting patterns, three-part singing, and group responsibility. Student should have a desire to sing in an ensemble. This choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation.

Intermediate Women's Chorus

Prerequisite: Audition or teacher recommendation

Open to **women**. This class is for the beginning singer or the experienced singer needing further development. Content includes basic tone production, fundamentals, range, intervals, conducting patterns, three-part singing, and group responsibility. Student should have a desire to sing in an ensemble. This choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation.

Advanced Women's Chorus

Prerequisite: Audition or teacher recommendation

This select advanced **women's** choir, consists of 10th - 12th grade women who have excellent voices, rehearsal skills, and who exhibit advanced vocal and sight-reading abilities. Students in this course study various styles of treble vocal literature, music theory/history, in addition to preparing for performance. Members must demonstrate a high level of musicianship and commitment. Choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation.

Advanced Mixed Chorus

Prerequisite: Audition or teacher recommendation

This select mixed choir is open to **males and females** in 10th -12th grades who exhibit advanced vocal and sight-reading abilities. Members must demonstrate a high level of musicianship and commitment. Students in this course study various styles of mixed vocal literature, music theory/history, in addition to preparing for performance. All members are encouraged to attend All State Chorus Auditions and to study voice with a private instructor. The choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation. **LIMITED SPACES**

Fine Arts - Theatre

Fundamentals of Theatre

Prerequisite: NONE

Fundamentals of Theatre serves as a prerequisite to other theatre courses. It will include study and application of stage terminology, journals, improvisation, and character development. Composition will be integrated through script analysis of scenes for application, personal responsibility; teamwork will be assessed through solo/group performances.

Acting I

Prerequisite: Fundamentals & Teacher Rec.

This course develops advanced acting skills with a focus on character/scene study and monologue/scene work. Students will be introduced to audition and resume skills. It offers the opportunity to utilize scene work and audition techniques through performance opportunities.

Advanced Drama I

Prerequisite: Audition or Teacher Rec

Students will be given the opportunity to select, produce, and perform in student-directed one act plays. Students will also further their study of acting styles and concepts through scene study, play analysis and workshops.

Advanced Drama II

Prerequisite: Audition or Teacher Rec

Students will be given the opportunity to select, produce, and perform in student-directed one act plays. Students will also further their study of acting styles and concepts through scene study, play analysis and workshops.

Technical Theatre I

Prerequisite: Fundamentals

This class introduces the technical aspects of play production including set design and construction, properties, lighting/sound design, box office and business management, publicity, make-up design, and costume design/construction. Students will have hands-on experience in these areas.

Fine Arts - General Music

A.P. Music Theory

Prerequisite: Teacher interview & recommendation

AP Music Theory is designed to develop musicianship skills - ear training, sight singing and keyboard harmony - along with cognitive knowledge of the elements of music and the foundation of tonal harmony. Topics covered will include notation of pitch and rhythm, scales, triads, intervals, basic principles of chord progression and succession and voice leading; elementary formal concepts such as cadence, phrase, non-chord tones, second and third inversions of chords as well as analysis of harmony will be introduced.

Fine Arts - Visual Art

Comprehensive Art

Prerequisite: NONE

Comprehensive Art introduces art history, criticism & studio production. It emphasizes the ability to understand & use the elements of art & principles of design through a variety of media processes and visual resources. **This course is a prerequisite for all other art courses.*

Drawing I

Prerequisite: Comprehensive

Drawing I explores a variety of techniques and a wide range of drawing media. An emphasis is placed on developing basic skills and examining problem solving through composition.

Drawing II

Prerequisite: Drawing I

Drawing enhances skills developed in Drawing I and provides further exploration of drawing media. Reinforces problem-solving skills, encourages self-expression and a greater sophistication in the use of drawing materials is expected.

Painting I

Prerequisite: Comprehensive

Painting I explores a variety of techniques and a wide range of painting media. An emphasis is placed on developing basic painting skills and examining problem solving through color theory and composition.

Painting II

Prerequisite: Painting I

Painting II introduces advanced painting techniques and a wide range of painting media. Personal expression is encouraged and exhibition of presentation opportunities are promoted.

Ceramics/Pottery I

Prerequisite: Comprehensive

Ceramics introduces the student to basic hand-building techniques, the potter's wheel, decoration, glazing and firing. Emphasis is placed on three-dimensional design.

Ceramics/Pottery II

Prerequisite: Ceramics/Pottery I

Ceramics II enhances skills learned in the level one course and provides additional opportunities for various clay techniques in hand building & wheel throwing. Evaluation & aesthetic judgment on student work is emphasized & personal expression in clay is encouraged.

Jewelry/Metalwork I

Prerequisite: Comprehensive

Metal Craft & Jewelry I introduces the basic methods and materials of jewelry-making. Exploration of alternative materials both additive and subtractive will be included. The design elements of masters from history and the contemporary will be investigated. The safe & proper use of materials, equipment and tools will be stressed.

A.P. Studio Art

Prerequisite: Teacher Recommendation

A.P. 2-D Design

Prerequisite: Teacher Recommendation

A.P. 3-D Design

Prerequisite: Teacher Recommendation

The Advanced Placement (AP) Studio Art Program enables highly motivated students to do college-level work in Studio Art while still in high school. The AP Studio & Design Portfolios are not based on a written examination; instead, candidates submit a portfolio of work for evaluation at the end for the school year. The specifics of the portfolio are dictated by the College Board and are published in a yearly guidebook.

Studio Art candidates must have successfully completed Comprehensive Art, Drawing I and Drawing II.

2-D Design candidates must have successfully completed Comprehensive Art, Painting I and Painting II.

3-D Design candidates must have successfully completed Comprehensive Art, Ceramics/Pottery I and Ceramics/Pottery II.

Science Electives

Astronomy

Prerequisite: 1 unit of Science

Astronomy is the study of the matter and energy beyond the earth's atmosphere and the relationship between the earth and that matter and energy. Topics include the structure and origin of planets and planetesimals, stars, galaxies and galaxy clusters, dark matter, the edge of the universe, and the energy of the universe.

Human Anatomy and Physiology

Prerequisite: 1 Unit of Biology

The human anatomy and physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body, however rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction should focus on the essential requirements for life. Areas of study include organization of the body; protection, support and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth and development.

Zoology

Prerequisite: 1 Unit of Biology; Preference 11-12 grade level

The Zoology curriculum is designed to continue student investigations that began in grades K-8 and high school biology. This curriculum is extensively performance and laboratory based. It integrates the study of the structures and functions of members of the animal kingdom.

Earth Systems

Prerequisite: None

Earth Systems is designed to continue student investigations that began in K-8 Earth Science and Life Science curricula and investigate the connections among Earth's systems through Earth history. These systems—the atmosphere, hydrosphere, geosphere, and biosphere—interact through time to produce the Earth's landscapes, ecology, and resources. This course develops the explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on Earth. Special attention will be paid to topics of current interest (e.g., recent earthquakes, tsunamis, global warming, price of resources) and to potential careers in the geosciences.

Environmental Science

Prerequisite: None

Environmental Science is designed as an integrated and global approach to science and technology. The concepts in this course focus on the links between living things, their surroundings, and the total environment of the planet. The scientific principles and related technology will assist the student in understanding the relationships between local, national, and global environmental issues. The intent of the course is to help individuals become informed, get involved, and care for one's self and the environment.

Forensic Science**Prerequisite: Biology and Chemistry**

Forensic Science Students will learn the scientific protocols for analyzing a crime scene, how to use chemical and physical separation methods to isolate and identify materials, how to analyze biological evidence and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.

<h2>Social Studies Electives</h2>

Psychology**Prerequisite: None, 11-12 grade level course**

Psychology gives a general overview of the principles and concepts of psychology, including learning theory, perception, intellectual, and social development, abnormal behavior, and interpersonal relationships. The purpose of this course is to provide students with a better understanding of the dynamics that shape our own behaviors as well as the behaviors of others.

Sociology**Prerequisite: None, 11-12 grade level course**

Sociology is a study of human society and social behavior. The purpose of the course is to provide students with a basic understanding of how humanity is shaped largely by the groups to which people belong and by the social interaction that take place within those groups. Societal problems in the United States will also be discussed.

Current Issues**Prerequisite: None, 10-12 grade level course**

Current Issues provides an opportunity for in-depth examination of contemporary local, state, national and international issues. The purpose of this course is to assess, assimilate and analyze political and economic situations. Intense reading and detailed research are required.

AP Psychology**Prerequisite: None, 11-12 grade level course**

AP Psychology is a college level survey course with study in Learning Theory, Abnormal Behavior, and Social Psychology. Extensive reading, writing and statistical analysis are required by students.

AP European History**Prerequisite: None, 11-12 grade level course**

AP European History provides students with knowledge of the basic chronology of major events and trends in Europe from 1450 to the present. The course is designed to help students develop an understanding of the principal themes in modern European history. Advanced writing skills are required since students must analyze historical evidence and express historical understanding to prepare for the AP examination.

<h2>English Electives</h2>

Journalism/Yearbook**Prerequisite: None, Application needed**

Journalism/Annual I-IV A, B & Y are courses that explore journalistic writing through the analysis of yearbooks. It concentrates on the purpose, influence and structure, and language use. It also covers news gathering, ethics, copy writing, editing, and revising. The course includes layout, circulation, and production as minor aspects.

Journalism/Newspaper**Prerequisite: None, Application needed**

Journalism/Newspaper I-IV A, B & Y This course focuses on journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications. A concentration on the following components of journalistic writing is critical: influence, purpose, structure, and diction. Reading, writing, and critical thinking are key components as students explore the power and influence of journalism. Students will participate in news gathering, the study of ethics, and the aspects of copy writing, editing, and revising and will study the ethics of journalism. If a publication is produced, the students will learn the process of publishing.

Mythology**Prerequisite: None, 10-12 grade level course**

This course introduces the importance of myths and tales of classical mythology, focusing on a comparative study of plot, characters, themes, and figurative devices. The course emphasizes the following: critical and analytical skills, vocabulary development, a study of the influences of Greek, Roman, and Norse word origins on the English language, and composition. The study of the relationship between people and their societies is a major emphasis, along with the impact of mythology on the literary world. Writing exploration through media literacy and viewing will be a focus in this course. .