



## 2026-27 Course Offerings: Electives

### World Languages

#### **French I**

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 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**

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.

**Spanish for Native Speakers I (Y)****Prerequisite: Teacher Recommendation**

Designed for the Spanish Heritage Speaker and focuses on developing adequate interpersonal, interpretive, and presentational communication skills. Classroom activities are designed around real-world situations, events in the media, and individual needs.

**Spanish for Native Speakers II (Y)****Prerequisite: Spanish for Native Speakers I**

Designed for the Spanish Heritage Speaker and will focus on advanced skills in reading, writing, listening, and speaking. Essay development, novel reading, and an in-depth study of culture, literature, and history of the Spanish-speaking world are integral to this course.

## **Physical Education**

**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.

**Weight Training (Boys and Girls)****Prerequisite: Student Athletes**

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.

**Introductory Rhythmics and Dance****Prerequisite: NONE**

Introductory Rhythmics and Dance 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)**

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)**

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.

**Self-Defense****Prerequisite: NONE**

This course provides practical self-defense techniques that aid in the development of self-confidence, self-discipline, self-esteem, and self-control.

### **Body Sculpting**

**Prerequisite: NONE (Weight Training for Non-Athletes)**

Provides methods to redefine body shape through specific exercises. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs, this course covers weight training, conditioning exercises, and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, and overall condition of the body and energy levels.

## **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.**

**END-of-Pathway Exams are required at conclusion of 3<sup>rd</sup> course of study – may provide college credits or industry certification**

### **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 to 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 postsecondary 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, and Anatomy credit is awarded at successful completion of this course.

### **Sports Medicine**

**Prerequisite: Essentials of Healthcare**

Sports Medicine is the third course in the Therapeutic Services/Sports Medicine Career Pathway. The course is appropriate for students who wish to pursue a career in healthcare with a focus on the musculoskeletal system, injury assessment, injury prevention, or rehabilitation including careers in Sports Medicine and Rehabilitative Services. This course will enable students to receive initial exposure to therapeutic services skills and attitudes applicable to the healthcare industry. The concepts of anatomy and physiology, assessment, preventative and rehabilitative care are introduced. Fundamental healthcare skills development is initiated, including medical terminology, kinesiology, patient assessment, record keeping, and basic life support. 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 (Yearlong-Commitment-Students must register for two courses each year)**

### **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 the 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.

### **Security and Protection Services**

**Prerequisite:** Criminal Investigations and Forensics

This course will allow students to complete their 2<sup>nd</sup> pathway in Criminal Justice. An additional End of Pathway Assessment is required.

## **(Auto Service Industry Certified Program) Transportation Logistical Support Pathway**

### **Automotive I**

**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.

### **Automotive II**

**Prerequisite:** Automotive I

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.

### **Automotive III**

**Prerequisite:** Automotive 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.

## **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.

## **Business and Technology Pathway**

**Intro to Business****Prerequisite: NONE**

The course is designed for high school students as a gateway to the career pathways above and provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. Students will have the opportunity to earn a Microsoft Office Specialist credential in Microsoft Word.

**Business and Technology****Prerequisite: Intro to Business**

Business and Technology is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Mastery use of spreadsheets and the ability to apply leadership skills to make informed business decisions will be a highlight of this course for students. Publishing industry appropriate documents to model effective communication and leadership will be demonstrated through project-based learning. Students will use spreadsheet and database software to manage data while analyzing, organizing and sharing data through visually appealing presentations. Students will have the opportunity to earn a Microsoft Office Specialist credential in Microsoft Excel.

**Business and Communications****Prerequisite: Business and Technology**

As one of the most important skills for employers, students will explore the value of communication in their personal and professional life. The digital presence and impact of written and visual communication in a technological society will be addressed. Students will create, edit, and publish professional-appearing business documents with clear and concise communication. Creative design, persuasive personal and professional communications will be applied through research, evaluation, validation, written, and oral communication. Leadership development and teamwork skills will be stressed as students work independently and collaboratively. Presentation skills will be developed and modeled for students master presentation software in this course. Students will have the opportunity to earn a Microsoft Office Specialist credential in Microsoft PowerPoint.

## **Information Technology**

**Intro to Software****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 Software Technology**

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. The



course meets the 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.

### **Web Development**

**Prerequisite: Computer Science Principles**

Can you think of any company that does not have a web presence? Taking this course will equip students with the ability to plan, design, and create a web site. Students will move past learning how to write code and progress to designing a professional looking web site using graphical authoring tools that contains multimedia elements. Working individually and in teams, students will learn to work with web page layout and graphical elements to create a professional looking web site.

### **Gaming Design**

**Prerequisite: Computer Science Principles**

Students completing this course will gain an understanding of the fundamental principles used at every stage of the game creation process. First, game genres and modes of play are explored in terms of the psychology of incentives, motivation to play, and social networking. Next, virtual characters and non-player characters are reviewed from concept drawing to 2D and 3D art, rigging, and animation. Next, level design, storytelling, and animation are added to develop a virtual world around the characters. These same techniques are at work in training simulator systems, virtual shopping experiences, augmented reality, and a number of other important career options. Schools offering this program can provide a foundation of traditional drawing, illustration, and art courses to make way for 2D and 3D animation, storytelling, character development, audio, and game technology. The course meets the 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.

## **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 II**

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.

### **Broadcast Video/Journalism**

**Prerequisite: Audio and Video Technology and Film III Level**

IV requires a high technical level and recommendation by audio/video instructor. Students who take this course will complete a second pathway for Audio/Video. Students are required to take an additional End of Pathway Exam to complete the course.

## **Culinary Arts (Industry Certified)**

### **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. An End of the Pathway Assessment is Required.

### **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**

**Fine Arts courses are yearlong commitments.**

### **Percussion Ensemble - (Advanced Instrumental Ensemble)**

**Prerequisite: Audition**

Percussion Ensemble is a double-blocked class. ALL Percussion students will be placed in the Advanced Instrumental Ensemble for study in the areas of percussion including Battery Percussion (Snare, Bass, Timpani, etc.), Keyboards (Marimba, Vibes, Xylo, Glock) and World Percussion (Congos, Bongos, Djembe, Timbales, Doumbek, Cajon, etc.) along with techniques for correctly performing accessories such as Tambourine, Guiro, Triangle, Maracas, etc. Students will learn techniques used to perform a wide variety of music styles from jazz, latin, afro-cuban, classical, popular modern and traditional band literature. Along with performing in the McEachern Percussion Ensemble, students will be assigned to perform percussion parts with our Concert Band, Symphonic Band and Wind Symphony. Students in this ensemble can expect to perform at least 4 home concerts per year, perform with the bands at LGPE and students who are assigned to Wind Symphony usually have an overnight trip during the spring semester.

### **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

Fine Arts courses are yearlong commitments.

### Intermediate

#### Orchestra

**Prerequisite:** Teacher Recommendation

This is an ensemble composed of string instrumentalists. It is made up of only 9<sup>th</sup> 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. It is made up of 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> graders who have played a string instrument before. 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) Recommendation

**Prerequisite:** Audition, Teacher

The Chamber Orchestra is an audition only 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. **LIMITED SPACES**

## Fine Arts - Chorus

Fine Arts courses are yearlong commitments.

#### Beginning Mixed Choir (9<sup>th</sup>-12<sup>th</sup>)

This beginning-level course is designed for mixed-voice students in 9th or 10th grade. Students will develop foundational skills in vocal technique, diction, music literacy (including theory and sight singing), healthy vocal production, and tone quality. Emphasis will be placed on both individual and ensemble musicianship, including solo performance and choral blending. This course serves as a prerequisite for all upper-level vocal music classes. Students enrolled in this class are eligible to participate in district and state-level honor choruses, as well as regional and national honor choir opportunities.

#### Treble Choir (9<sup>th</sup>-12<sup>th</sup>)

This is a multi-level course for treble-voiced students in grades 10-12. Treble voices typically include higher vocal ranges, such as soprano and alto, and are most often—but not exclusively—sung by female-identifying students. The class focuses on developing intermediate to advanced skills in vocal technique, diction, music theory, sight-singing, healthy vocal production, and tone refinement. Students will strengthen both solo and choral ensemble skills, with a continued emphasis on musical expression and performance. This course serves as a prerequisite for advanced/mastery-level choral ensembles. Students enrolled in this class are eligible to participate in district and state-level honor choruses, All-State Chorus, as well as regional and national honor choir opportunities.

#### Tenor-Bass Choir (9<sup>th</sup>-12<sup>th</sup>)

This is a multi-level course designed for tenor, baritone, and bass-voiced students—typically sung by male-identifying students, though open to any student with a lower vocal range. This ensemble includes students working at the intermediate, advanced, and mastery levels. Instruction will focus on developing strong vocal technique, tone production, expressive singing, music theory, and sight-singing skills through the study and performance of choral literature in TTB (Tenor-Tenor-Bass) and TBB (Tenor-Baritone-Bass) voicings. Students enrolled in this course are eligible to participate in district and state-level honor choruses, All-State Chorus, and regional and national honor choir opportunities.

## 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, Theatre History, 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/Acting II

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. Acting I (Fall) Acting II (Spring)

### Acting III and Acting IV

Prerequisite: Acting I & Teacher

Rec.

This. Course is embedded into the Acting I II class. This course explores the role of the Actor and Director along with various roles in Theatrical Production. It offers opportunity to utilize scene work and audition techniques through the perspective of the Director. Acting III (Fall) Acting IV (Spring)

### Advanced Drama I /Advanced Drama. III

Prerequisite: Fundamentals & 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. This is a performance/production course and will require students to be available for After-School Rehearsals. Advanced Drama I (Fall) Advanced Drama III (Fall)

### Advanced Drama II /Advanced Drama IV

Prerequisite: Fundamentals & 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. This is a performance/production course and will require students to be available for After-School Rehearsals.

## Fine Arts - Visual Arts

### Level 1: \*prerequisite\*

#### VA COMP (Visual Arts Comprehensive)

VA COMP introduces art history, criticism & studio production. Students will be introduced to drawing, painting, and 3-D media studio production skills. 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.***

### Level 2: \*must pass level 1 course (VA COMP)\*

#### Drawing I

Drawing I explores a variety of techniques and a wide range of drawing media, including graphite, ink, charcoal, and mixed-media. An emphasis is placed on developing advanced shading skills and examining problem solving through composition.

#### Draw/Paint I

Drawing/Painting I explore a variety of drawing techniques and a range of painting media (acrylic and watercolor). An emphasis is placed on developing basic painting skills and examining problem solving through color theory and composition.

#### Ceramics I

Ceramics introduces the student to basic hand-building techniques, modeling, decoration, glazing, and firing with CLAY. Emphasis is placed on three-dimensional design.

**Level 3: \*must pass corresponding level 2 course\***

**Drawing II**

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

**Painting II**

Painting II introduces advanced painting techniques and a wide range of painting media (including oil paints). Personal expression is encouraged and exhibition opportunities are promoted.

**Ceramics II**

Advanced building techniques with CLAY is the emphasis of Ceramics II. Students will learn to work on the pottery wheel as well as integrate mixed-media elements into ceramic pieces. Studio pieces will vary from functional to aesthetic.

**Level 4: \*must pass corresponding level 3 course\***

**Drawing III**

Drawing III introduces students to industrial style art production—including design, animation, illustration, story boarding, and comics. Students learn to create original characters, backgrounds, and/or panels. An emphasis is placed on original work in a wide range of drawing media, both black and white and color.

**Level 5: \*requires teacher approval\***

**AP Drawing**

**AP 2D Design**

**AP 3D Design**

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 of the school year. The specifics of the portfolio are dictated by the College Board and are published in a yearly guidebook. Students will develop a full portfolio of original work and also have the opportunity to earn college credit.

## **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 Honors and College Prep levels**

**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 course**

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.

**Oceanography**

Oceanography studies the ocean composition and structure, and the dynamics of energy within the ocean. Included in the course are the ocean basins, floors, tides, currents, and impact on weather and climate, as well as the interaction with human systems. Marine biology will comprise a small portion of the course.

### **Earth Systems**

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.

### **Honors Forensic Science**

**Prerequisite: Biology and Chemistry**

Honors 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.

## **Social Studies Electives**

### **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.

### **Ethnic Studies**

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

Ethnic Studies examines the diversity of American society; focuses on the various ethnic groups that make up the American population. Covers cultural orientation, contributions of each group, and cultural perspectives of each group.

### **AP Psychology**

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

Conforms to College Board topics for the Advanced Placement Introductory Psychology Examination. Covers methods, approaches, and the history of psychology as a science, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology.

## **English Electives**

### **Journalism/Yearbook**

**Prerequisite: None, Application needed, JR/SR Course**

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. Open to Juniors and Seniors Only.

**Mythology****Prerequisite: None, Application Needed, 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.

**Speech/Debate (Speech/Forensics I)****Prerequisite: None**

This course is a detailed study of forensic speaking including extemporaneous speaking, oration, interpretation of literature, and debate. There is an emphasis on understanding various forensic speaking formats and the importance of applying reasoning, research, and delivery skills. Critical thinking is a major component of this course.