

GERMANTOWN HIGH SCHOOL



2019-2020

Course Description Catalog

EXCELLENCE

IN

ACADEMICS, ATHLETICS, AND THE ARTS

SHELBY COUNTY SCHOOLS OFFER EDUCATIONAL
OPPORTUNITIES WITHOUT REGARD TO RACE, COLOR,
NATIONAL ORIGIN, RELIGION, SEX, OR DISABILITY.

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GERMANTOWN HIGH SCHOOL MISSION STATEMENT

The mission of Germantown High School is to educate all students in a supportive, challenging, safe, and structured environment to become life long learners and globally competent citizens.

OUR BELIEFS

- All students can learn, achieve, and succeed.
- Students learn in different ways.
- A safe and physically comfortable environment fosters student learning.
- A student's self-esteem is enhanced by positive relationships and mutual respect among and between students and staff
- Students learn best when they are actively engaged in the learning process.
- Students, teachers, parents, school staff, and the community share responsibility for the support of the school's mission
- Exceptional students require special services and resources
- Each student is a valued individual with unique physical, social, emotional and intellectual needs.
- Embracing cultural diversity can increase students' understanding of different peoples and cultures.
- Embracing global thinking is increasingly imperative, while encouraging cultural sensitivity with an international focus.

Germantown High School Honor Code

A Germantown High student is

HONEST

DEPENDABLE

RESPECTABLE

A Germantown High student does not

Lie

Cheat

Steal

or excuse those behaviors in others.

School Information

ACT/SAT CODE 430-760

Germantown High School is a large comprehensive public high school operated under the jurisdiction of the Shelby County Board of Education. The total program at Germantown High School emphasizes academic preparation as well as the development of the total individual. Germantown High is nationally recognized for achievements in academics, the arts, athletics, and service. Germantown offers a diverse academic curriculum including a wide variety of special interest courses and vocational training. Students are provided an opportunity to participate in over 100 different extracurricular activities including service organizations, clubs, and athletics. Germantown High School is fully accredited by the Southern Association of Colleges and Schools.

International Baccalaureate

In the spring of 2008, Germantown High School was granted International Baccalaureate status. Currently we have students in the ninth and tenth grades participating in a Pre-IB curriculum and eleventh and twelfth grade IB students participating in the following IB courses:

English III IB HL	Psychology IB SL
English IV IB HL	Social and Cultural Anthropology IB SL
Spanish III IB SL/HL	Music IB SL/HL
Spanish IV IB SL/HL	Visual Arts I IB SL/HL
Latin III IB SL/HL	Visual Arts II IB SL/HL
Latin IV IB SL/HL	Theatre Arts I IB SL/HL
French III IB SL/HL	Theatre Arts II IB SL/HL
French IV IB SL/HL	Theory of Knowledge I & II
Japanese III IB SL/HL	Extended Essay
Japanese IV IB SL/HL	
Mathematics: Applications and Interpretations I IB SL	
Mathematics: Applications and Interpretations II IB SL	
Mathematics: Applications and Interpretations I IB HL	
Mathematics: Applications and Interpretations II IB HL	
Mathematics: Analysis and Approaches I IB SL	
Mathematics: Analysis and Approaches II IB SL	
Biology III IB SL/HL	
Biology IV IB SL/HL	
Physics III IB SL /HL	
Physics IV IB SL/HL	
Theatre Arts I IB SL/HL	
Theatre Arts II IB SL/HL	
History of Americas I IB HL	
History of Americas II IB HL	

Advanced Placement

Advanced Placement courses are offered in the following areas:

Chemistry
Computer Science
Human Geography
Macro Economics
Studio Art
U S History
U S Government and Politics
World History

Student may take select IB courses in place of AP even if the student is not in the full IB program. Teacher recommendations will be required.

Dual Enrollment

Dual Enrollment is offered in conjunction with the University of Memphis in:

English 12 College Algebra/Elementary Calculus Criminal Justice

Honors

English 9, 10, 11	Japanese I, II
Algebra I, II	Spanish I, II, III, IV, V
Geometry	Latin I, II
Physical Science	World History
Chemistry	U.S. History
Biology	Economics
Physics	U.S. Government
Anatomy and Physiology	Mythology
French I, II, III	Etymology

Grading Scale and Class Rank

IB classes – 5 extra points are added
AP classes – 5 extra points are added
Dual Enrollment classes – 4 extra points are added
Honors classes – 3 extra points are added

Rank in class based on numerical average.

GPA based on 4-point system.

Grading Scale:

105-93 = 4.0 92-85 = 3.0 84-75 = 2.0 74-70 = 1.0

Enrollment: 1962 students in grades 9-12

Germantown High School Profile

Class of 2018

Named by *Newsweek* as one of America's Best High Schools

Designated as a "Reward School" by the State of Tennessee. Reward schools are the top 5% of schools in the state for performance as measured by student achievement levels and the top 5% for year-over-year progress as measured by value-added data. Germantown High School remains a TVAAS Level 5 school, the highest level of growth awarded.

Rank based on enrolment	495
Numerical Median Grade	92
GPA Median Grade on a 4.0 scale	3.247
Graduation Rate	98%
National Merit Scholars	2
National Semi Finalist	3
ACT 30+ Club	64
2017 ACT Composite Average Score	21.4
2017 ACT Composite for IB Students	33.5
Perfect ACT Scores	3
AP Scholars	9
AP Scholars with Honors	3
AP Scholars with Distinction	3
Tennessee Governor's School participants	12
International Baccalaureate Diplomas earned	74%
College Scholarships earned	\$48 million
Scholarship per student (1 st in Shelby County)	\$97,000
Membership in \$500,000 Club	10
Membership in Million Dollar Club	3
AP, Honors, Dual Enrollment and IB courses	88
CTE Programs	11
	85% attend 4 year colleges
	10% attend 2 year colleges
	5% career or military

Shelby County Principal of the Year and State of Tennessee Finalist

2018 Barbara Harmon

Shelby County Teacher of the Year and State of Tennessee Finalist

2011 Janey Jackson

2012 Melinda Keller

Kiwanis District Teacher of the Year

2016 Mary Carol Hosea

2017 Lisa Drumm

ADMINISTRATION

'M' Office (main office) **416-0955**

Principal – Barbara Harmon
General Information
School Finances

'V' Office **416-0946**

Vice Principal – Marvin Townsend
Curriculum and Instruction and Pupil Services
Academic Information
Scheduling
Student Records

'A' Office **416-0978**

Assistant Principal – Damien Longino
9th Grade Administrator
Buses
Student Parking
ISS
Lockers
Saturday School

'M' Office

Assistant Principal – Trevor Gore **416- 7133**
11th Grade Administrator
Textbooks
Testing

Assistant Principal – Blake Waddell **416-0975**
12th Grade Administrator
Athletics
Booster Clubs
Testing

'B' Office **416-2082**

Assistant Principal – Kim Douglas
11th Grade Administrator
Crisis Management
504 Coordinator
Clubs

'C' Office **416-0954**

Assistant Principal - Ms. Nelba Thomas
10th Grade Administrator
Attendance
Special Education Coordinator
Coordinated School Health Administrator
Attendance
Substitute Teachers

School Counseling Staff

College Counselor – Lashonda Norman	416-1977
Senior Counselor – Fran Odom	416-2303
Junior Counselor – Wendy Willingham	416-2306
Sophomore Counselor – Sherry Lee	416-2304
Freshmen Counselor – Rose Clemmensen	416-2302
IB Counselor – Martha Morris	416-0949
IB Coordinator – Melinda Keller	416-2604

Shool Counselor Webpage

ghscounselors@weebly.com

INTRODUCTION

Germantown High School offers a comprehensive high school program that emphasizes academic excellence while preparing each student to become a productive citizen. The diverse academic curriculum includes Honors, International Baccalaureate, Advanced Placement, Dual Credit and Dual Enrollment courses. The curriculum also features opportunities in the areas of Fine Arts and College, Career & Technical Education.

By graduation, our students must have completed the following:

Course	Credits
English	4
Mathematics (Including Algebra I, II ,Geometry, and a 4 th higher level math course)	4
Science (including Biology, Chemistry or Physics and a 3 rd lab course)	3
Social Studies (including U.S. History, World History, U.S. Government and Economics)	3
Wellness & Physical Education*	1.5
Personal Finance	0.5
Fine Arts	1
Foreign Language (two years of the same language)	2
Elective Focus (Math & Science; CCTE, Humanities/Liberal Arts, IB, AP, etc.)	3
Total Credits	22

Please Note:

Students must take English and Mathematics each year in high school. Students taking Physical Science and/or Algebra I Honors and/or Foreign Language prior to entering high school must take an additional 4 units of mathematics, 3 units of science and 2 years of the same foreign language in grades 9 - 12 in order to meet Tennessee Diploma Project graduation requirements.

Students are required to take the ACT prior to graduation.

Students must pass the Civics test given during the Senior year in order to graduate.

*The physical education requirement may be met by substituting an equivalent time of physical activity in other areas including but not limited to marching band, JROTC, cheerleading, interscholastic athletics, and school sponsored intramural athletics. See your school counselor for more information.

Course Selection

General Instructions

Course selection is a very important process. Please take the time to carefully consider the selection of these courses. **After the course selection process is completed, course changes will not be permitted.**

All students must enroll in sufficient courses to produce six credits per school year. Enrollment in a seventh credit course will be permitted if space allows.

Germantown High School Add/Drop Policy

The following rules and deadlines shall apply regarding student or parent initiated requests to add or drop a sixth elective course. **Required courses cannot be dropped.** A request to drop an elective course does not constitute approval to drop that course. Final approval to add or drop will be granted only in very unusual circumstances.

The Tennessee Board of Education regulations require that all students be enrolled in courses that will produce at least 5 credits toward graduation each school year (2.5 credits per semester). **Therefore, only seventh subject courses can be considered for dropping or adding. No requests to drop a course will be considered 10 days after the first grading period for that course. No requests to add a course will be considered after the tenth day of class for that course.**

The faculty and staff of Germantown High School feel that correct placement in courses is paramount to a student's academic success. Incorrect placement may result in poor performance and frustration for the student. Hence, Germantown High School requires that students receive recommendations for ALL Honors and AP courses selected. We suggest that if the student's teacher does not recommend a particular course, the parents of that student should talk to the School Counselor.

Requirements for Admission into Honors/AP Courses

- Students must attach a copy of their most recent report card showing A's and B's with no more than one C as a semester average in academic subjects and no D's or F's as a semester average in any subject.
- Students must have scored at or above the 75th percentile in the subject area for which they are applying (English, Math, Science, Social Studies) on the most recently available TCAP or other nationally normed achievement test or on a comparable subtests on the most recently available Explore, PLAN, PSAT, or ACT test.
- Students must have satisfactory or above conduct grades.
- Students may not have more than 15 combined absences and/or tardies.
- To remain in honors/AP classes in subsequent school years, students must maintain an average of 80 or above in each subject per semester.
- Final determination is contingent upon a review of the final report card.
- Students desiring to transition from a 9th grade standard class to a 10th grade honors class must meet the same initial requirements. Students may not transition from standard to honors after their sophomore year.
- Students who sign up for honors/AP level classes and meet the approval requirements but fail to complete the required summer work will not be dropped from the class.

POLICY 5005

On October 20, 2017, the Tennessee State Board of Education adopted revisions to its Uniform Grading Policy (#3.301), modifying the provisions regarding early postsecondary opportunities such as Advanced Placement courses and IB courses

Specifically, the newly revised Uniform Grading Policy states that Advanced Placement courses and IB courses shall include the addition of five (5) percentage points to the grades used to calculate a student's semester average. The revisions then clarify how this additional weighting may be awarded to students. The revision that I would like to bring to your attention is the following:

School districts shall have a **policy to remove the percentage points if the student does not participate in the culminating exam by the end of the school year in which the course was completed**, if points are awarded prior to participation in the culminating exam.

For example, if a student leaves the IB program at any time from the beginning of 11th grade through the culminating exams in the 12th grade, the 5 percentage points that have been added to the student's quarter grades in IB classes will be retroactively removed and grades recalculated. (Leaving the program includes by choice or by non-renewal.)

In compliance with the State Board's newly revised policy, the Shelby County School Board has incorporated the new requirements into District Policy 5005 -- Advanced Courses (**effective January 30, 2018**).

COLLEGE, CAREER AND TECHNICAL EDUCATION

Tennessee's career and technical education (CTE) programs of study are meant to provide a relevant framework of industry-aligned, rigorous courses that progress a student in knowledge and skills year after year. They provide invaluable opportunities for students to experience a subject that they are passionate about and explore interests that lead to postsecondary learning and future career paths. These sequenced courses also reflect and support the three-credit elective focus requirement for graduation. Level 1 courses are encouraged to be taken by students in ninth grade; however, districts may make scheduling decisions that work best for their communities and students.

AUDIO/VISUAL PRODUCTION

Course Title: A/V Production I

A/V Production I is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in A/V (audio/visual) production occupations. Upon completion of this course, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production. Students will establish basic skills in operating cameras, basic audio equipment, and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of A/V production, and legal issues affecting A/V production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Course Title: A/V Production II

Prerequisites: A/V Production I

A/V Production II is the second course in the A/V Production program of study intended to prepare students for a career in audio/visual production. Building on knowledge acquired in A/V Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting A/V production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

Course Title: A/V Production III

Prerequisites: A/V Production I and II

A/V Production III is the third course in the A/V Production program of study intended to prepare students for a career in audio/visual production. Building on knowledge acquired in A/V Production I and II, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting A/V production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR

Course Title: Maintenance and Light Repair I

The Maintenance And Light Repair I (MLR I) course prepares students for entry into Maintenance and Light Repair II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician. Hours earned in the Maintenance and Light Repair courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.

Course Title: Maintenance and Light Repair II

Prerequisites: MLR I

The Maintenance And Light Repair II (MLR II) course prepares students for entry into Maintenance and Light Repair III. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

Hours earned in the Maintenance and Light Repair courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.

Course Title: Maintenance and Light Repair III

Prerequisites: MLR I and II

The Maintenance And Light Repair III (MLR III) course prepares students for entry into Maintenance and Light Repair IV. Students study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician. Hours earned in the Maintenance and Light Repair courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.

BUSINESS MANAGEMENT & ADMINISTRATION

Course Title: Introduction to Business and Marketing

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

Course Title: Business Communications

Prerequisites: Introduction to Business and Marketing

Business Communications is a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

Course Title: Accounting I

Prerequisites: Introduction to Business and Marketing

Accounting I is an essential course for students who wish to pursue careers in business and finance, or for those who wish to develop important skillsets related to financial literacy. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. In this course, proficient Accounting students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements, and apply financial analysis to business processes. Additionally, students receive exposure to the ethical considerations that accounting professionals must face and the standards of practice governing their work, such as the GAAP (generally accepted accounting procedures) standards. Upon completion of this course, proficient students will be prepared to apply their accounting skills in more advanced Business and Finance courses, and ultimately pursue postsecondary training.

Course Title: Business Management

Prerequisites: Introduction to Business and Marketing and either Business Communications or Accounting I

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for faculty and students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvement, as would a management consultant.

CRIMINAL JUSTICE AND CORRECTION SERVICES

Course Title: Criminal Justice I

Criminal Justice I is the first course in Criminal Justice and Correction Services program of study. It serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement.

Course Title: Criminal Justice II

Prerequisites: Criminal Justice I

Criminal Justice II is the second course in the Criminal Justice and Correction Services program of study. Upon completion of this course, proficient students will understand the impact of the constitution on law enforcement, law enforcement and police procedures, alcohol and beverage laws, sentencing, and the importance of communications and professionalism in law enforcement.

Course Title: Criminal Justice III

Prerequisites: Criminal Justice I and II

Forensic Criminal Investigations is the third course designed to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of the scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies. Upon completion of this course, proficient students will be able to identify careers forensic science and criminology, summarize the laws that govern the application of forensic science, and draw key connections between the history of the forensic science system and the modern legal system.

COSMETOLOGY

Students are required to purchase a cosmetology kit - approximate cost \$250.00. The purchase of workbooks (approximate cost \$40.00) is encouraged. A small second semester fee may be necessary, depending on supply needs.

Course Title: Cosmetology I

Cosmetology I is the foundational course in the Human Services career cluster for students interested in learning more about becoming a cosmetologist. Upon completion of this course, proficient students will gain knowledge in the fundamental skills in both theory and practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

Course Title: Cosmetology II

Prerequisites: Cosmetology I

Cosmetology II is the second course in the *Cosmetology* program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, nail procedures, hair design, and chemical services. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to attain a Tennessee License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

Course Title: Cosmetology III

Prerequisites: Cosmetology I and II

Cosmetology III is the third course in the *Cosmetology* program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, salon business concepts and operations, advanced hair techniques and chemical services, and facial and skin care procedures. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board Cosmetology Examination to attain a Tennessee License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

CYBERSECURITY (Tentative)

Course Title: Computer Science Foundations

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession.

Course Title: Cybersecurity I

Prerequisites: Computer Science Foundations

Cybersecurity I challenges students to develop advanced skills in concepts and terminology of cybersecurity. Upon completion of this course, proficient students will be demonstrate and understanding of cybersecurity ethical decisions, malware threats, how to detect vulnerabilities, principles of cryptology, security techniques, contingency plan techniques, security analysis, risk management techniques, and advanced methods of cybersecurity.

Course Title: Cybersecurity II

Prerequisites: Cybersecurity I

Cybersecurity II challenges students to develop advanced skills in concepts and terminology of cybersecurity. This course builds on previous concepts introduced in Cybersecurity I while expanding the content to include malware threats, cryptography, wireless technologies and organizational security. Upon completion of this course, proficient students will be demonstrate and understanding of cybersecurity ethical decisions, malware threats, how to detect vulnerabilities, principles of cryptology, security techniques, contingency plan techniques, security analysis, risk management techniques, and advanced methods of cybersecurity.

DIETETICS AND NUTRITION

Course Title: Introduction to Human Studies

Introduction to Human Studies is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, or community volunteer. Upon completion of this course, a proficient student will have an understanding of human needs, overview of social services, career investigation, mental health, and communication. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

Course Title: Nutrition Across the Lifespan

Prerequisites: Introduction to Human Studies

Nutrition Across the Lifespan is for students interested in learning more about becoming a dietitian, nutritionist, counselor, or pursuing a variety of scientific, health, or culinary arts professions. Upon completion of this course, proficient students will understand human anatomy and physiological systems, nutrition requirements, as well as social, cultural, and other impacts on food preparation and integrity. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

Course Title: Nutrition Science and Diet Therapy

Prerequisites: Introduction to Human Studies and Nutrition Across the Lifespan

Nutrition Science and Diet Therapy is an applied knowledge course in nutrition for students interested in the role of nutrition in health and disease. Upon completion of this course, proficient students will be able to develop a nutrition care plan as part of the overall health care process, use methods for analyzing the nutritional health of a community, and understand the relationship of diet and nutrition to specific diseases. The course places emphasis on the role of diet as a contributor to disease and its role in the prevention and treatment of disease. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. The following standards should be implemented throughout the course as well as suggested 30 hours of time spent in the laboratory.

EARLY CHILDHOOD

Course Title: Early Childhood Education Careers I

Early Childhood Education Careers I (ECEC I) is a foundational course in the Education and Training career cluster intended to prepare students for careers as childcare providers, nannies, preschool teachers, and more. Course content covers the foundation of childhood development services, careers, provider responsibilities and aptitudes, and fundamentals of child development. Upon completion of this course, students will have created artifacts for inclusion in a course portfolio, which will continue with them throughout the program of study.

Course Title: Early Childhood Education Careers II

Prerequisites: Early Childhood Education Careers I

Early Childhood Education Careers II (ECEC II) is an intermediate course for students interested in learning more about becoming an early childhood teacher, nanny, or childcare provider. This course covers the components of curriculum planning, learning, screening and assessing, special populations, and educational technology. Students will observe educators in action, practice specific skills, and add personal work products to a course portfolio. Upon completion of this course, proficient students will be able to pursue more advanced coursework in the ECEC program of study.

Course Title: Early Childhood Education Careers III

Prerequisites: Early Childhood Education Careers I and II

Early Childhood Education Careers III (ECEC III) is an applied-knowledge course for students interested in becoming an early childhood teacher, nanny, or childcare provider. This course covers the components of the learning environment, planning age appropriate activities, using activities for learning, and developing communication skills. If available, students may participate in a work-based learning component of instruction and add work products to a course portfolio. Upon completion of this course, proficient students will be prepared to participate in the capstone *ECEC IV* course and/or continue their studies at the postsecondary level.

EMERGENCY SERVICES (Tentative)

Course Title: Health Science Education

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

Course Title: Anatomy and Physiology I

Prerequisites: Health Science Education

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

Course Title: Medical Therapeutics

Prerequisites: Health Science Education

Medical Therapeutics is an applied course designed to prepare students to pursue careers in therapeutic and nursing services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments.

ENTREPRENEURSHIP

Course Title: Introduction to Business and Marketing

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

Course Title: Marketing and Management I: Principles

Prerequisites: Introduction to Business and Marketing

Marketing and Management I: Principles focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

Course Title: Entrepreneurship

Prerequisites: Introduction to Business and Marketing and Marketing and Management I

Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course. Upon conclusion of this course, proficient students will be able to articulate, and defend, elements of a full business plan for a new business.

MARKETING MANAGEMENT

Course Title: Introduction to Business and Marketing

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

Course Title: Marketing and Management I: Principles

Prerequisites: Introduction to Business and Marketing

Marketing and Management I: Principles focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

Course Title: Marketing and Management II: Advanced Strategies

Prerequisites: Introduction to Business and Marketing and Marketing and Management I

Marketing & Management II: Advanced Strategies is a study of marketing concepts and principles used in management. Students will examine the challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resource skills.

OFFICE MANAGEMENT

Course Title: Computer Applications

Computer Applications is a foundational course intended to teach students the computing fundamentals and concepts involved in the use of common software applications. Upon completion of this course, students will gain basic proficiency in word processing, spreadsheets, databases, and presentations. In addition, students will have engaged in key critical thinking skills and will have practiced ethical and appropriate behavior required for the responsible use of technology.

Course Title: Business Communications

Prerequisites: Computer Applications

Business Communications is a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

Course Title: Business Management

Prerequisites: Computer Applications and Business Communications

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for faculty and students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvements, as would a management consultant.

SPORT AND HUMAN PERFORMANCE

Course Title: Health Science Education

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study.

Course Title: Anatomy and Physiology I

Prerequisites: Health Science Education

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

Course Title: Medical Therapeutics

Prerequisites: Health Science Education

Medical Therapeutics is an applied course designed to prepare students to pursue careers in therapeutic and nursing services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments.

STUCTURAL SYSTEMS

Course Title: Fundamentals of Construction

Fundamentals Of Construction is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Upon completion of this course, proficient students will be able to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will be able to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials. Students will begin compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in their selected program of study.

Course Title: Structural Systems I

Prerequisites: Fundamentals of Construction

Structural Systems I prepares students for careers in residential and commercial carpentry. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in framing buildings. Students will be able to frame floors, walls, ceilings, roofs, and stairs while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts. Standards in this course also include principles of the construction industry and business and project management. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

Course Title: Structural Systems II

Prerequisites: Structural Systems I

Structural Systems II is an advanced-level course that builds on the introductory skills learned in the *Fundamentals of Construction* and *Structural Systems I* courses. This course will explore advanced framing, the physics of structural loads, and the coverings and finishes of structural systems. Upon completion of this course, proficient students will be able to install interior and exterior finishing, including roofing, siding, thermal and moisture protection components, drywall, doors, and trim. Throughout the course, students will interpret construction drawings to complete projects, implementing material estimating procedures and safe working practices. Standards in this course also expand on principles of the construction industry and delve deeper into business and project management strategies. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

ENGLISH DEPARTMENT

Summer Reading

The single most important activity that can help students to achieve in school is to read. The purpose of summer reading must be to provide the opportunity for students to practice reading. Thomas Carlyle said, “The best effect of any book is that it excites the reader to self activity.” Those of us who are hooked on books know exactly what Carlyle meant. Good books stimulate our intellect and emotions, trigger our imaginations, and enrich our lives. Good books move us to share our enthusiasm with other.

We want summer reading to help students to do the following:

- read more willingly and more often.
- become more interested in the printed word in general, including their own meaning.
- become more receptive to enrichment activities related to their reading.
- discover that they can think and write in a meaningful way about their readings.

Summer reading is required for all honors and advanced placement English classes. Students in these classes must be aware of their summer reading requirements.

No one is exempt from this requirement.

NINTH GRADE

ENGLISH NINE. State standards are used appropriately in challenging literature and informational texts to help students achieve mastery in grade-appropriate language, writing, and speaking and listening standards. Literary fiction studies center around novels, dramas, and mythology. Nonfiction studies include socially and scientifically relevant pieces that relate to our fictional pieces as well as historically significant works that focus on social justice. This course is one of the four credits in English required for graduation. There is an end-of-course exam in 9th grade English.

Ninth grade levels are:

Course Title: English as a Second Language (Beginning)

Grade Level: First year in ESL

Prerequisites: This course is for students with limited English proficiency, whose parents have permanently relocated to the United States.

Credits: 1 (one) — May be repeated one year for one additional credit.

English As A Second Language is designed and conducted to help meet the communicative needs of daily living. The areas of instruction include reading, listening, thinking, and oral and written communication. Instruction focuses on the development of skills in the area of grammar, literature, spelling, hand writing, creative writing, listening and thinking. Correlation of Language Arts with other subject areas is also integral to this class.

Course Title: English I (Regular)

Grade Level: 9

English I (Regular) centers on literature and writing. State standards using appropriately challenging literature and informational texts help students achieve mastery in grade-appropriate language, writing, and speaking and listening standards. Literary fiction studies center around novels, dramas, and mythology. Nonfiction studies include socially and scientifically relevant pieces that relate to our fictional pieces as well as historically significant works that focus on social justice.

Course Title: Honors English I

Grade Level: 9

Prerequisites: Must fulfill honors course requirements

Honors English I is for students who have maintained a “93” average in 8th English classes. Emphasis is placed on literature, writing, and vocabulary. Analysis of novels, group work and presentation of research material are included. Less “in-class” grammar and more individual work is done. Recommendation of eighth grade teacher is required in order to enroll in this class. Additionally, these students are expected to present an advanced score on the 8th grade TCAP in reading and language. **Summer work is required..**

Course Title: C.L.U.E. English I (Intellectually Gifted)

Grade Level: 9

Prerequisites: Professionally administered testing that designates student as gifted

CLUE is a program for state identified gifted and talented children who need the extra support of a more rigorous education. CLUE students go through a testing process, and eligibility is determined based on academic achievement, parent and teacher input, and cognition. Emphasis in the course is placed on world literature, analytical literary analysis, research, and vocabulary. Creative and critical thinking routines will be established throughout the year.

Students will explore the intricate aspects that make a literary genre and follow the thematic elements of that genre. The study will focus on various styles, settings, characters, and plot elements unique to that genre. Skills covered include the use of close reading skills to analyze, evaluate, and synthesize the literature both in oral and written form.

TENTH GRADE

ENGLISH TEN A student must have pre-requisite credit in English I before taking English II. English II is required of all tenth grade students. Classes meet one hour per day, five days per week. Students who successfully complete the course receive one credit. Students who are failing English II at the end of 1st semester will automatically repeat 1st semester during the second semester. Second semester English II may be taken in summer school or the following year. This credit is one of four credits in English required for graduation.

Tenth grade levels are:

Course Title: English as a Second Language (High Beginning)

Grade Level: Second year in ESL

Prerequisites: This course is for students with limited English proficiency, whose parents have permanently relocated to the United States.

English As A Second Language is designed and conducted to help meet the communicative needs of daily living. The areas of instruction include reading, listening, thinking, and oral and written communication. Instruction focuses on the development of skills in the area of grammar, literature, spelling, handwriting, creative writing, listening and thinking. Correlation of Language Arts with other subject areas is also integral to this class.

Course Title: English II (Regular)

Grade Level: 10

Prerequisites: English I

English II (Regular) is for students who function on grade level in writing skills, basic grammar usage, and reading. World literature is taught. In addition, students are given a concentrated course in composition, research writing, usage, spelling, and mechanics.

Course Title: Honors English II

Grade Level: 10

Prerequisites: Honors English I and must fulfill honors course requirements.

Honors English II is designed to meet the needs of students who have mastered writing and grammar skills at grade level and above. Great emphasis is placed on vocabulary development, composition, and interpretation of world literature. Students will learn to write a documented research paper. Outside reading is required. Note: The student must be recommended by the previous English teacher and have at least a "90" average in Honors English 9 or an "A" average in Regular English 9. **Summer work is required.**

ELEVENTH GRADE

ENGLISH ELEVEN is required of all eleventh-grade students. Pre-requisites are English I and II. The class meets one hour per day, five days per week. Students who successfully complete the course receive one credit. This credit is one of the four credits in English required for graduation.

Eleventh grade levels are:

Course Title: English III (Regular)

Grade Level: 11

Prerequisites: English II

English III (Regular) is designed for students who are functioning on their grade level. English III is a survey course in American Literature including concentration on grammatical and writing skills of grade level. Great emphasis is placed upon persuasive composition, vocabulary, and interpretation of American literature. A research paper and outside reading are required in this course.

Course Title: Honors English III

Grade Level: 11

Prerequisites: Honors English II and must fulfill honors course requirements.

Honors English III gives students the experience of writing several essays that are at least 1,000 words in length and that are taken through a process of drafting, response by peers and/or teacher, and revision. Literature is included to facilitate the scrutiny of linguistic and rhetorical choices, not primarily to study literary elements. Both the reading and the writing are used to play upon interaction between authorial purpose, audience needs, the subject itself, generic convention, and the resources of language: syntax, word choice, tone. **Summer work is required.**

TWELFTH GRADE

ENGLISH TWELVE is required of all twelfth-grade students. Standard English, Dual, English, and AP English fulfill the requirement for the fourth year of English

Course Title: English IV (Regular)

Grade Level: 12

Prerequisites: English III

English IV (Regular) is designed for students who are functioning at grade level. This course presents British literature from early writing through modern literature. There is emphasis on composition, vocabulary development, and research paper writing. Students are held responsible for all basic grammar skills taught in grade 9-11.

Course Title: Dual Credit English IV

Grade Level: 12

Prerequisites: ACT math composite score of 17 or higher and a GPA of 2.75 or higher

English IV Dual Enrollment gives students the experience of gaining 12th grade English credit and 2 semesters of college credit at the same time (through the University of Memphis). There are fees and book costs associated with this class. This is a Tennessee Board of Regents credit and the college course, and the college course descriptions are below:

ENGL 1010. English Composition. (3). (1101). Practice in expository writing with emphasis on content, organization, and style (levels of usage and sentence structure) for different purposes and audiences.

ENGL 1020. English Composition and Analysis. (3). (1102). Practice in expository writing that synthesizes ideas from various readings. Includes library work and production of documented papers.

There are costs and applications associated with this course. See your Guidance counselor for details.

ENGLISH ELECTIVE COURSES

Course Title: Mythology Standard (0.5 credit)

Grade Level: 10, 11, 12

Mythology is a one semester elective course that focuses on the study of the Greek/Roman, Norse, Arthurian, and cinematic mythologies. It focuses on how mythology reflects the culture of the people and offers a rational explanation of creation and of natural and scientific phenomena. The class concerns itself with the god structures, stories, and ideas expressed in these mythologies, with a concentration on the hero's journey. Students will examine how mythical allusions, archetypes, and themes enrich literature, art, and film and pervade societies across the globe.

Course Title: Honors Mythology (0.5 credit)

Grade Level: 10, 11, 12

Prerequisites: An average of 86 in English is recommended.

Honors Mythology is a one semester elective course that focuses on the study of the Greek/Roman, Norse, Arthurian, and cinematic mythologies. It focuses on how mythology reflects the culture of the people and offers a rational explanation of creation and of natural and scientific phenomena. The class concerns itself with the god structures, stories, and ideas expressed in these mythologies, with a concentration on the hero's journey. Students will examine how mythical allusions, archetypes, and themes enrich literature, art, and film and pervade societies across the globe.

Course Title: Honors Etymology (0.5 credit)

Grade Level: 10, 11, 12

Prerequisites: An average of 86 in English is recommended.

Etymology is designed to instruct students to recognize Latin and Greek word elements thereby making the knowledge of them an effective tool for increasing vocabulary. The student is expected to be able to analyze words fully and to define them. Students will also become familiar with the general patterns of semantic change and will gain some insight into patterns of human thought by studying word changes that reflect something of the history of ideas.

Course Title: Creative Writing—Full Year Course

Grade Level: 10, 11, 12

Prerequisites: Students need a strong interest in writing—fiction, non-fiction, poetry. Strong experience in reading contemporary American poetry and fiction is highly recommended. At least a “B” average in English preferably honors English.

Creative Writing is an elective course for students who want to improve their experience and skills in writing. It is an experiential writing course designed to enhance creative thinking, reflection and dialogue in several genres of writing. Students planning to enroll in this course certainly should have mastered basic grammar skills. A finished short story and a poetry portfolio are required at the completion of this course. Students who enroll are expected to meet deadlines.

Course Title: Creative Writing—Semester Course (0.5 credit)

Grade Level: 10, 11, 12

Prerequisites: Students must have at least a “B” average in English.

The semester Creative Writing class is also an elective for students who wish to improve their writing, but should have mastered basic grammar skills. Three personal essays and a poetry portfolio are required at the completion of this course.

Course Title: Journalism- Yearbook Production

Grade Level: 11, 12

Prerequisites: An application and staff requirements must be met before students are allowed to sign up for this course. Permission of instructor, a completed application signed by the student and parents, two faculty recommendations, “B” overall average in English, satisfactory conduct, satisfactory attendance record, basic computer knowledge, and strong writing skills.

Yearbook Production produces the school’s award winning yearbook. Students write copy, create page layouts, use desktop publishing, meet deadlines, and handle responsibility. Sale and design of a minimum of \$400.00 worth of ads are required. Homework assignments must be completed on an IBM compatible computer using the publishing company’s desktop publishing software. Students are required to stay after school with and without prior notice.

Course Title: Journalism- Literary Journal

Grade Level: 10, 11, 12

Prerequisites: A “B” average in English, satisfactory conduct grades, strong writing and computer skills, and interview and recommendation by the Literary Journal instructor are required.

LITERARY MAGAZINE PRODUCTION produces two issues of the Germantown High School literary magazine. Students who enroll will be expected to judge writing and art submissions, edit creative writing, do page layouts on computer software, handle sales and advertising, and meet deadlines.

Course Title: ACT English Prep (0.5 credit)

Grade Level: 11, 12

The purpose of this course is to improve the overall Composite ACT score with emphasis on the English and Reading subtest. The student may need to improve the score to 18, 21, or to reach scholarship levels such as 27-30. Composite test scores of 30 or single subtests (2) of 30 are valued with membership in the 30+ club.

Course Title: Honors Genre Literature (0.5 credit)

Grade Level: 11, 12

Prerequisites: Honors English II and must fulfill honors course requirements.

Students will have the opportunity to experience texts from various literary genres while exploring intricate aspects of a literary genre, thematic elements of a literary genre and various styles and plot elements of a literary genre. Students will discuss and write about literary genres to analyze, evaluate and synthesize literature.

FINE ARTS DEPARTMENT

VISUAL ARTS

Course Title: Visual Art I

Grade Level: 9, 10, 11, 12

Visual Art I (Introduction to Art) is a full-credit elective designed to help students understand the visual qualities of the world around them, to encourage awareness and to develop skills in various areas including drawing, color fundamentals and design principles. Students work with pencil, charcoal, pastel and watercolor. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Honors Visual Art I

Grade Level: 9, 10, 11, 12

Prerequisites: Must fulfill honors course requirements

Visual Art I (Intro. to Art) Honors is a full-credit elective designed to help students understand the visual qualities of the world around them, to encourage awareness and to develop skills in various areas including drawing, color fundamentals and design principles. Students work with pencil, charcoal, pastel and watercolor. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Visual Art II

Grade Level: 10, 11, 12

Prerequisites: Art I with permission by the Art I instructor. This advanced level course is not recommended for students earning less than a strong “B” average in Art I. Portfolio review for new GHS students for correct placement is required.

Visual Art II (Intermediate Art), a full credit course, provides in-depth development of skills with emphasis on the student’s personal approach. Art history is integral to all art courses. Traditional and contemporary styles are explored to develop individual expression. Areas explored may include drawing, painting, sculpture, silkscreen and printing. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Honors Visual Art II

Grade Level: 10, 11, 12

Prerequisites: Honors Art I with permission by the Art I instructor. This advanced level course is not recommended for students earning less than a strong “B” average in Honors Art I. Portfolio review for new GHS students for correct placement is required.

Visual Art II (Intermediate Art), a full credit course, provides in-depth development of skills with emphasis on the student’s personal approach. Art history is integral to all art courses. Traditional and contemporary styles are explored to develop individual expression. Areas explored may include drawing, painting, sculpture, silkscreen and printing. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required

Course Title: Honors Visual Art III

Grade Level: 11, 12

Prerequisites: Honors Art I, Art II and the permission of the Honors Art II instructor. This advanced level course is not recommended for students earning less than a strong ‘B’ plus average in Honors Art II. Portfolio review for new GHS students to ensure correct placement is required.

Art III (Advanced Art) is a full-credit, advance-level continuation of drawing and painting with emphasis on techniques, composition and color. Students explore multi-media approaches to assigned problems. The program may incorporate set design and execution, program and poster design and mural painting. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Visual Art IV Honors

Grade Level: 12

Prerequisites: Honors Art I, Art II, Art III and permission of the Honors Art III instructor. This advanced level course is not recommended for students earning less than a strong 'A' average in Art III. Portfolio review for new GHS students to ensure proper placement is required.

ART IV (Sr. Studies) is a full-credit course for in-depth specialization, includes individual study, exhibits and portfolio preparation. Inter-departmental and community involvement is encouraged. **Note:** All supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Advanced Placement Studio Art (Drawing Portfolio)

Grade Level: 12

Prerequisites: Honors Art III, portfolio review, and AP rubric required for all applicants

Advanced Placement Studio Art (Drawing Portfolio) is a specific course of study prepared by The College Board. It parallels specialized drawing curriculums and programs in college and university art departments and in art schools. Two major areas of drawing are emphasized: perceptual and conceptual. Students will be required to use a variety of media in the course and will be required to complete an extensive drawing portfolio. The portfolio is evaluated for advanced placement credit. The course is designed for the student who is seriously interested in the practice of art. **Note:** See Appendix for information regarding AP course and AP examination. All supplies and slides must be purchased All students are required to pay for and participate in the College Board AP Testing Program. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of evaluation.

Course Title: Visual Arts: Sculpture

Grade Level: 10,11, 12

Prerequisites: Art I with permission by the Art I instructor

Sculpture is a full credit course that provides in-depth development of skills with emphasis on the three dimensional works of art.

IB Visual Arts III and IV are offered through the International Baccalaureate curriculum. Non-IB Students must obtain teacher permission for these courses.

INSTRUMENTAL MUSIC

Course Title: Intermediate Brass and Woodwinds

Grade Level: 9, 10, 11

Prerequisites: Students must have completed two consecutive years (7th and 8th grade) of study on a brass instrument as part of a Junior High or Middle School Band program.

Credits: 1 (one)

Intermediate Brass And Woodwinds is designed to advance the student toward an accepted level of proficiency on his/her instrument through the use of fundamental exercises. Some after school and weekend hours are required, and students may not spend more than one year at this level without instructor permission.

Course Title: Intermediate Percussion

Grade Level: 9, 10, 11

Prerequisites: Students must have completed two consecutive years (7th and 8th grade) of study on a percussion instrument as part of a Junior High or Middle School Band program.

Credits: 1 (one)

Intermediate Percussion is designed to advance the student toward an accepted level of proficiency on his/her instrument through the use of fundamental exercises. Some after school and weekend hours are required, and students may not spend more than one year at this level without instructor permission.

Course Title: Varsity Band III Honors

Grade Level: 9, 10, 11, 12

Prerequisites: Successful audition and recommendation from previous director.

Varsity Band includes both marching concert performance. The band performs at football games, parades, marching competitions, and other activities throughout the year. Music theory, history, and composition are

included in the Varsity Band curriculum. All-West, All-State, and Jazz ensembles are selected from the Varsity membership. Solo and ensemble festivals, concert festivals, and Spring trips are also part of the Varsity Band experience. After school and weekend hours are required for all phases of Varsity Band performance. All rehearsals and performances are graded. Members of this ensemble must either audition for All West TN Honor Bands or perform a solo at the Solo and Ensemble Festival. Students must consistently progress their skills and maintain satisfactory conduct in order to remain in Varsity Band for successive years.

Course Title: Honors Varsity Percussion

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

Varsity Percussion includes both marching concert performance. The band performs at football games, parades, marching competitions, and other activities throughout the year. Music theory, history, and composition are included in the Varsity Band curriculum. Members of All-West, All-State, and Jazz ensembles are selected from the Varsity membership. Solo and ensemble festivals, concert festivals, and spring trips are also part of the Varsity Band experience. After school and weekend hours are required for all phases of Varsity Band performance. All rehearsals and performances are graded. Members of this ensemble must either audition for All West TN Honor Bands or perform a solo at the Solo and Ensemble Festival. Students must consistently progress their skills and maintain satisfactory conduct in order to remain in Varsity Band for successive years.

Course Title: Color Guard

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

Varsity Color Guard functions as a visual ensemble part of the Marching Band program during the fall semester. Students learn marching skills, rhythm patterns, beginning music theory and dance fundamentals. Flags, rifles and other equipment are used to accent the musical portion of the fall marching show. The Varsity Color Guard performs at football games, parades, and marching competitions. After school, summer and weekend hours are required for participation. All rehearsals and performances are graded. Students must consistently progress their skills, pass the yearly audition and maintain satisfactory conduct in order to remain in Color Guard. Color guard, by itself, does not meet the Fine Arts graduation requirement.

Course Title: Stage Jazz Band Honors

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

Prerequisite: Permission of the Band Director, successful completion of audition and satisfactory conduct in other band/music courses. Students must participate in Varsity Band to take part in jazz band. Members may also be selected from choir or orchestra classes. This will be at the band director's discretion. The goal of this class is to give every student a solid grounding in the style, performance, theory, and history of Jazz in the 20th century. These goals will be accomplished through performance of jazz ensemble music in the classroom and public/festival performances. All students enrolled in Jazz Band will be able to learn and grow as musicians regardless of previous experiences playing jazz music. Throughout the course of the year students will be exposed to a variety of musical styles including (but not limited to) Bebop, Swing, Latin, Blues, and Rock. Students will also be given the opportunity to learn jazz improvisation, as well as techniques for playing jazz in a small group setting. Jazz Ensemble performances include formal concerts, community concerts as well as adjudicated jazz festivals. The opportunity for individuals to audition for the WTSBOA All West and All-State Honor Jazz Band is also available.

Prerequisite: Permission of the Band Director, successful completion of audition and satisfactory conduct in other band/music courses. **Students must participate in Varsity Band to take part in jazz band.** Members may also be selected from choir or orchestra classes, in the event the ensemble is in need of a rhythm section instrument (piano, bass, guitar)-this will be at the band director's discretion.

VOCAL MUSIC

Course Title: Chorale

Grade Level: 9, 10, 11, 12

Prerequisites: Instructor's permission

CHORALE provides a continuation of musical growth while offering a "large-group" experience to the student. The repertoire is selected from a variety of representative composers of each historical period. Traditional and contemporary composers are utilized. Students are required to perform in three concerts and, additionally, sing at community events throughout the Mid-South area. They are also required to purchase the appropriate uniform for these performances. After-school practices are decided according to need.

Course Title: Contemporary A Cappella

Grade Level: 10, 11, 12

Prerequisites: This class must be taken concurrently with a traditional choral ensemble.

The A Ca-Devs are a vocal ensemble for building high level performance in contemporary a cappella singing. It is open to students in grades 10-12 who have successfully auditioned. The ensemble will perform, analyze, and research popular music of the 20th and 21st Centuries. Students will learn a variety of vocal styles using appropriate tone quality, intonation, diction, rhythms, musicianship, and microphone technique for performing a cappella, commercial/pop music. In addition to the vocal experience, this class will equip the student with basic music literacy skills- clefs, notes, staves, keys, rhythm, Voice Parts are: Vocal Percussion, Soprano, Mezzo, Alto, Tenor, Baritone, and Bass.

Course Title: Women's Choir III

Grade Level: 9, 10, 11, 12

Prerequisites: Chorus and instructor's permission

WOMEN'S CHOIR is an advanced performance group structured along the same lines as the Concert Choir. This group specializes in literature for women's voices. Students are required to perform in three concerts a year and to purchase the appropriate uniform for these performances. After school rehearsals are decided according to need.

Course Title: Chamber Singers, Chamber Singers Honors

Grade Level: 10, 11, 12

Prerequisites: Instructor's permission and audition

CHAMBER SINGERS, for students with advanced vocal skills or unique talents, affords participation in a "small group" experience. Music selected for this group is generally chamber-type. Students are required to audition for All-West/All-State as well as participate in all festivals, competitions and concerts throughout the year. After school rehearsals are decided according to need. Students are required to purchase formal attire for the performances of this group.

Course Title: Honors Chamber Singers

Grade Level: 10, 11, 12

Prerequisites: Instructor's permission and audition

Honors Chamber Singers, for students with advanced vocal skills or unique talents, affords participation in a "small group" experience. Music selected for this group is generally chamber-type. Students are required to audition for All-West/All-State as well as participate in all festivals, competitions and concerts throughout the year. After school rehearsals are decided according to need. Students are required to purchase formal attire for the performances of this group.

THEATRE AND COMMUNICATION ARTS

Course Title: Communication Arts

Grade Level: 9,10,11,12

Theatre Arts I: Introduction To Communication Studies introduces the student to basic public speaking techniques, discussion, debates, communication theory, parliamentary procedure, oral interpretation, and dramatic performance concepts. Both formal and casual speech-making assignments are part of the course of study. Reading and critical thinking skills are also emphasized.

Course Title: Honors Communications Arts

Grade Level: 9,10,11,12

Prerequisites: Must fulfill honors course requirements

Honors Introduction To Communication Arts is an accelerated communication arts program, which incorporates speech analysis, rhetorical theory, and advanced critical thinking skills into the existing communication arts program. Semester projects and speech tournament participation will be required to further the student's communication skills. After-school and weekend hours devoted to the GHS Fine Arts Department are required.

Course Title: Introduction to Theatre

Grade Level: 9,10,11,12

Theatre Arts I: Introduction To Theatre offers the student a broad overview of the theatre world, with particular attention paid to theatre production, theatre history, technical theatre, theatre evaluation, and comparative media. This course also includes introductory approaches to improvisational acting techniques, acting styles, methodology, and scene study. As part of the course of study, students are required to critique live theatrical performances in the Memphis and Germantown area.

Course Title: Honors Introduction to Theatre

Grade Level: 9,10,11,12

Prerequisites: Must fulfill honors course requirements

Honors Introduction To Theatre offers the student a broad overview of the theatre world, with particular attention paid to theatre production, theatre history, technical theatre, theatre evaluation, and comparative media. This course also includes introductory approaches to improvisational acting techniques, acting styles, methodology, and scene study. As part of the course of study, students are required to critique live theatrical performances in the Memphis and Germantown area. After-school and weekend hours devoted to the GHS Fine Arts Department are required.

Course Title: Film & Video I

Grade Level: 9,10,11,12

Film & Video I examines the areas of film and T.V. production from historical, theoretical, and practical applications. The study of film as literature and film evaluations is emphasized. Students receive hands-on instruction with film and video equipment. **Note:** Some supplies must be purchased. Written and oral critiques are required for each unit of film study.

Course Title: Film and Video II

Grade Level: 10,11,12

Prerequisites: Introduction to Film & Video I and permission of Instructor

Film And Video II provides the student with advanced concepts in film & video techniques as well as beginning practical explorations in television production settings. Film and Video as art, the video documentary, electronic news gathering techniques, and studio and remote production work are among the areas examined in the course of study. This course requires outside written film critiques at local movie theatres. The class is performance oriented but also requires written and analytical work. Co-curricular after school activities are a required as part of evaluation.

Course Title: Advanced Film and Video

Grade Level: 11,12

Prerequisites: Introduction to Film and Video, Film and Video II or Production Workshop, and the permission of the instructor; must be currently enrolled in Theatre Arts: Production Workshop.

Theatre Arts: Advanced Film And Video is designed for production oriented television students. The class offers a laboratory setting that allows students to work in a practical television environment. Students produce and direct a number of cable television productions each week as a part of the course of study. The class requires extensive after school and weekend hours and is strictly performance-based. Students are evaluated on a grade contract basis.

Course Title: Acting

Grade Level: 10,11,12

Prerequisites: Introduction to Theatre or permission of instructor

Acting is designed for the performance-oriented student. It examines practical and theoretical approaches to performance including improvisational acting, acting styles, acting methodology, movement, voice and scene study. Playwriting and elementary directing techniques are included in this course of study. Serious attention is given to theatre aesthetics and theatre evaluation. Students are required to critique live theatrical presentations in the Memphis and Germantown area. After-school and weekend hours devoted to the GHS Fine Arts Department are required.

Course Title: Production Workshop

Grade Level: 10, 11,12

Prerequisites: Any combination of two Theatre or Communication Arts classes and permission of the instructor
Production Workshop provides a workshop setting for students who desire to learn advanced techniques and gain practical experience in all phases of theatre, T.V. production, and forensic activities. This course requires extensive after-class hours and weekend hours and is strictly performance-oriented. An individual course of study is prepared for each student.

Course Title: Technical Theatre

Grade Level: 10,11,12

Prerequisites: Introduction to Theatre or permission of instructor

Technical Theatre is designed for the student interest in the non-performance side of theatre. The class will focus both on design and construction in several areas. Units include set design, set construction and painting, lighting design, hang and focus, costume design and construction, stage makeup and sound design. Some after school and evening work is required.

IB Theatre Arts III and IV and Film III and IV are offered through the International Baccalaureate curriculum. Non-IB Students must obtain teacher permission for these courses.

FOREIGN LANGUAGE DEPARTMENT

FRENCH

Course Title: French I

Grade Level: 9,10,11,12

French I meets the needs of students who wish to complete the minimal two years of a foreign language to satisfy college entrance requirements. Course content includes vocabulary, conversation, grammar, and oral comprehension in the French language. Participation in a National Foreign Language Exam may be required.

Course Title: French I (Honors)

Grade Level: 9,10,11,12

Prerequisites: Must fulfill honors course requirements

French I (Honors) serves the needs of students with an above average aptitude in language acquisition. This course develops the skills of listening, speaking, reading, and writing in French. The culture and geography of France are also important components of study. **Note:** It is required that students wishing to enroll in French I (Honors) have an “A” average in their present language arts course and the recommendation from their language arts teacher. Participation in a National Foreign Language Exam may be required.

Course Title: French II

Grade Level: 10,11,12

Prerequisites: French I

French II is a continuation of French I and meets the needs of students who wish to satisfy the two year foreign language entrance requirements of colleges. **Note:** It is recommended that the student have earned at least a “B” average in French I before enrolling in this course. Participation in a National Foreign Language Exam may be required.

Course Title: French II (Honors)

Grade Level: 10,11,12

Prerequisites: French I (Honors) and must fulfill honors course requirements

French II (Honors) is designed as a continuation of French I (Honors). **Note:** It is strongly suggested that students have at least a “B” average in French I (Honors). Participation in a National Foreign Language Exam may be required.

Course Title: French III

Grade Level: 10, 11, 12

Prerequisites: French I and II

French III Standard is designed as a continuation of French II. The emphasis in this course is advanced French grammar, literature, writing, and communication,

Course Title: French III (Honors)

Grade Level: 10, 11, 12

Prerequisites: French I and II and **must fulfill honors course requirements**

French III Honors is designed as a continuation of French II Honors. The emphasis in this course is advanced French grammar, literature, writing, and communication, **Note:** It is recommended that the student have earned at least a “B” average in French I and II before enrolling in this course. Participation in a National Foreign Language Exam may be required.

Course Title: French IV

Grade Level: 11, 12

Prerequisites: French I, II, and III

French III Standard is designed as a continuation of French III. The emphasis in this course is advanced French grammar, literature, writing, and communication, **Note:** It is recommended that the student have earned at

least a “B” average in French I, II, and III before enrolling in this course. Participation in a National Foreign Language Exam may be required.

JAPANESE

Course Title: Japanese I Honors

Grade Level: 9

Prerequisites: Must fulfill honors course requirements

In addition to the Japanese I Honors curriculum, this accelerated class serves the needs of students with an above average aptitude in language acquisition. This course develops the skills of listening, speaking, reading and writing in Japanese. The culture and geography of Japanese speaking countries are also important components of study. Participation in a National Foreign Language Exam may be required.

Course Title: Japanese II Honors

Grade Level: 10

Prerequisites: Japanese I honors and must fulfill honors course requirements

In addition to the Japanese II Honors curriculum, this accelerated class is a continuation of Japanese I Honors Pre-IB. Students will continue to master oral and written comprehension and conversation skills. An understanding and appreciation of Japanese history and civilization will be stressed. Participation in a National Foreign Language Exam may be required.

Japanese III and IV are offered through the International Baccalaureate curriculum. Non-IB Students must obtain teacher permission for these courses.

LATIN

Course Title: Latin I (Honors)

Grade Level: 9, 10, 11, 12

Prerequisites: Must fulfill honors course requirements

Latin I (Honors) is designed to emphasize the language, history, and culture of the ancient Romans. Students are expected to complete an individual project each nine weeks in the area of Roman civilization, etymology, history, and mythology. Participation in a National Foreign Language Exam may be required.

Course Title: Latin II (Honors)

Grade Level: 10, 11, 12

Prerequisites: Latin I (Honors) Must fulfill honors course requirements

Latin II (Honors) is designed as a continuation of Latin I (Honors). It is strongly recommended that students have a “90” average in Latin I (Honors). Participation in a National Foreign Language Exam may be required.

Latin III and IV are offered through the International Baccalaureate curriculum. Non-IB Students must obtain teacher permission for these courses.

SPANISH

Course Title: Spanish I

Grade Level: 9, 10, 11, 12

SPANISH I is designed for students who wish to complete only two years of a foreign language in order to meet college entrance requirements. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish I (Honors)

Grade Level: 9, 10, 11, 12

Prerequisites: Must fulfill honors course requirements

Spanish I (Honors) is designed for students who are linguistically talented. Grammatical structures and vocabulary are taught in a context that emphasizes communication skills in listening, speaking, reading, and writing Spanish. Native speakers with no formal training in Spanish should be placed in the course. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish II

Grade Level: 10, 11, 12

Prerequisites: Spanish I

Spanish II is a continuation of Spanish I designed to meet the needs of those students who wish to meet the two-year foreign Language entrance requirement of colleges. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish II (Honors)

Grade Level: 10, 11, 12

Prerequisites: Spanish I (Honors) Must fulfill honors course requirements

Spanish II (Honors) is designed as a continuation of Spanish I (Honors). Participation in a National Foreign Language Exam may be required.

Course Title: Spanish III (Honors)

Grade Level: 10, 11, 12

Prerequisites: Spanish I and II Honors must fulfill honors course requirements

Spanish III Honors is a continuation of Spanish I/II Honors. The course provides a continuing study of Spanish grammar with activities designed to improve reading comprehension, listening, and speaking skills. It is recommended that the students have at least a "B" in Spanish II (Honors) or an "A" in Spanish II. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish IV (Honors)

Grade Level: 12

Prerequisites: Spanish I Honors, II Honors, and III must fulfill honors course requirements

Spanish IV (Honors) includes a review of grammatical structures and emphasizes vocabulary growth and communication skills in conjunction with a survey of Spanish and Spanish-American history, art, and literature. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish V (Honors)

Grade Level: 12

Prerequisites: Honors Spanish I, II, III, and IV must fulfill honors course requirements

Spanish V (Honors) includes a review of grammatical structures and emphasizes vocabulary growth and communication skills in conjunction with a survey of Spanish and Spanish-American history, art, and literature. Participation in a National Foreign Language Exam may be required.

MATHEMATICS DEPARTMENT

Course Title: Algebra I

Grade Level: 9, 10

Algebra I is an introduction to the fundamental concepts of operations involving numbers and variables including polynomials, exponents, radicals, linear and quadratic equations.

Course Title: Honors Algebra I

Grade Level: 9

Prerequisites: Must fulfill honors course requirements

Honors Algebra I is designed for 9th grade students with an excellent, enriched or accelerated 8th grade math background who want a more challenging approach to Algebra I. More emphasis will be placed on understanding and using the different sets of real numbers; on developing the concepts of functions; on establishing connections between graphs, equations, and numerical patterns; and on solving a greater variety of problems.

Course Title: Unified Geometry

Grade Level: 9, 10, 11, 12

Prerequisites: Algebra I

Unified Geometry stresses both the basic structure of geometry and proficiency in developing proofs. It is a study of plain and solid Euclidean geometry including points, lines, planes, angles, geometric figures, and coordinate geometry. Most students from Algebra I will be sequenced to Algebra II, then Geometry.

Course Title: Honors Unified Geometry

Grade Level: 9, 10

Prerequisites: Must fulfill honors course requirements. Also, a “93” average in Algebra I or a “90” average in Algebra I (Honors).

Honors Unified Geometry is designed for the advanced math student. Students taking this course should have strong critical thinking and analytical skills. Problem solving and application of material are areas where students will be challenged.

Course Title: Algebra II

Grade Level: 10, 11, 12

Prerequisites: Algebra I

Algebra II is a rigorous course that reviews Algebra I and covers units in linear programming, functions, conic sections, systems of equations and inequalities, matrices, progressions and series, logarithms, trigonometric functions, elementary identities, combinations, permutations, probability, and elementary statistics. Most Algebra I students are sequenced directly into Algebra II.

Course Title: Honors Algebra II

Grade Level: 10, 11

Prerequisites: Must fulfill honors course requirements. Also, at least a “93” average in BOTH Algebra I and Geometry or a “90” average in Honors Algebra I AND Honors Geometry.

Honors Algebra II is designed for students who have mastered both Algebra I and Geometry skills and desire a more challenging approach to Algebra II.

Course Title: Pre-Calculus, State Dual Credit

Grade Level: 11, 12

Prerequisites:; ACT math composite score of 17 or higher and a GPA of 2.75 or higher

Pre-Calculus (SDC) is designed for students who are going to college. These students will take a State Dual Credit exam in the spring for Pre-Calculus. If the student earns a 75% or higher on the exam they will receive college credit for pre-calculus at all Tennessee state colleges/universities.

Course Title: Dual Enrollment College Algebra/Elementary Calculus

Grade Level: 11, 12

Prerequisites: ACT Comp – 19, ACT Math 19, GPA 2.75, U of M index 100 or higher

Dual Enrollment gives students the experience of taking college algebra and elementary calculus at high school but earning 6 hours of college credit at the same time (through the University of Memphis). Most students do not pay anything for this course but there may be fees associated with this class.

Course Title: ACT Math Prep (0.5 Credit)

Grade Level: 10, 11, 12

The purpose of this course is to improve the overall Composite ACT score with emphasis on the Math and Science subtest. The student may need to improve the score to 18, 21, or to reach scholarship levels such as 27-30. Composite test scores of 30 or single subtests (2) of 30 are valued with membership in the 30+ club.

Course Title: SAILS Bridge Math SAILS – Seamless Alignment and Integrated Learning Support.

Grade Level: 12

Prerequisites: ACT math score 18 or lower, Algebra I, Geometry, Algebra II

Completing SAILS will allow the math learning support requirement to be waived at all Tennessee Community Colleges and some Universities, both public and private. This is an on-line based course with an instructor present for instruction and support. The course reviews topics presented in Algebra I, II and Geometry. This course fulfills the required fourth year of math in order to graduate.

SCIENCE DEPARTMENT

Course Title: Physical Science

Grade Level: 9

Physical Science is a laboratory science course that explores the relationship between matter and energy. Students investigate physical science concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Energy, Matter, Motion, and Forces.

Course Title: Honors Physical Science

Grade Level: 9

Prerequisites: Must fulfill honors course requirements

Physical Science is a laboratory science course that explores the relationship between matter and energy. Students investigate physical science concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Energy, Matter, Motion, and Forces.

Course Title: Ecology

Grade Level: 9, 10, 11, 12

Ecology examines the fundamental principles that determine the variety and distribution of plant and animal life on earth. Topics include climate, soil types and formation, topography, cycles of energy and matter, the adaptation of various life forms to their ecosystems, interrelationships within ecosystems, succession, and population dynamics.

Course Title: Biology

Grade Level: 9, 10, 11, 12

Prerequisites: Physical Science or a grade of “B” or higher in 8th grade science

Biology, the study of life, includes the use of lectures, science projects, and laboratory activities in the study of the cell, genetics, bacteria, viruses, plants and animals, and ecology.

Course Title: Honors Biology

Grade Level: 9

Prerequisites: Must fulfill honors course requirements

Honors Biology is designed for the advanced science student. Students taking this course should have strong critical thinking and analytical skills. Students will be challenged through problem solving and critical analysis of material. This course consists of classroom and laboratory experiences in several areas. Topics of instruction include the structure and function of plant and animal cells, microbiology, genetics, invertebrate and vertebrate zoology, multicellular plant structure and function, and ecology.

Course Title: Chemistry

Grade Level: 10, 11, 12

Prerequisites: Algebra I and Biology or Physical Science, concurrently enrolled in or completed Geometry.

Chemistry (Regular) is designed for students who will attend college as non-science majors but will be required to take additional science courses. The concepts and principles of an introductory high school chemistry course are developed through laboratory exercises, lectures, demonstrations, and science projects. Chemistry (Regular) involves the application of mathematical concepts and requires commitment to daily homework and study assignments. It is strongly recommended that the student have at least a “C” average in all previous math and science classes.

Course Title: Honors Chemistry

Grade Level: 10

Prerequisites: Honors Biology I and must fulfill honors course requirements

Honors Chemistry is designed for advanced science students who plan to major in the science, mathematics, medicine, and engineering in college. The following basic principles are developed: the nature of matter, atomic theory, the mole concept, organic chemistry and physical inorganic chemical concepts. These concepts and principles are developed through laboratory exercises, class discussions, lectures, demonstrations and science projects. Honors Chemistry involves the application of mathematical concepts and requires commitment to assignments and study.

Course Title: Honors Physics

Grade Level: 11, 12

Prerequisites: Geometry, and Chemistry and must fulfill honors course requirements

Physics is the study of the central concepts of physics. This course employs problem-solving methods to understand physical laws fundamental to all the sciences. The course emphasizes applications of technology, the history of physics, uses of energy, the nature of the scientific laws and theories, and the validity and uncertainty of science and measurements. Specific topics covered include mechanics, heat, sound, light, electricity, magnetism, and nuclear energy. Laboratory experience is a critical component of the course.

Course Title: Honors Anatomy and Physiology I

Grade Level: 11, 12

Prerequisites: Biology, Chemistry and must fulfill honors course requirements

Human Anatomy And Physiology is a study of the structure and function of the various systems of the human body. Emphasis will be on the major systems and how they coordinate activities to maintain a healthy body.

Course Title: Biology II

Grade level: 11,12

Prerequisites: Biology and Chemistry

A continuation of the material studied in Biology I. This course will allow students to analyze the relationship between form and function in living things. A variety of organisms and organismal systems will be studied.

Course Title: Honors Biology II

Grade level: 11,12

Prerequisites: Biology and Chemistry and must fulfill honors course requirements

A continuation of the material studied in Biology I. This course will allow students to analyze the relationship between form and function in living things. A variety of organisms and organismal systems will be studied.

Course Title: Environmental Science

Grade Level: 11, 12

Environmental Science is a laboratory science course that enables students to develop an understanding of the natural and man-made environment and the environmental problems that face the world. Students explore environmental concepts through an inquiry approach. Embedded standards for Inquiry, Technology, and Engineering are taught in the context of the content standards for Earth Systems. The living world, human population, water and land resources, energy resources and consumption, pollution and waste production, global change, and civic responsibility.

Course Title: Advanced Placement Chemistry

Grade Level: 11, 12

Prerequisites: Biology, Honors Chemistry and must fulfill honors course requirements

The AP Chemistry course builds upon the introductory Honors Chemistry course. Students in AP Chemistry will review some of the basic content from Honors Chemistry from a more sophisticated perspective, but will also study more advanced topics. Because the AP Chemistry course moves quickly, students will need to be familiar with most of the concepts at an introductory level before the course begins. Lab work will be a regular part of lessons, and students will keep a lab notebook to record their data and analysis. Students can expect a minimum of one hour per week spent collecting lab data. **All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.**

SOCIAL STUDIES DEPARTMENT

Course Title: World History and Geography

Grade Level: 9, 10, 11, 12

World History begins during first semester with the study of ancient history and continues through to the present. While chronologically arranged, the course does not emphasize dates. Rather, it is designed to develop an understanding of culture and politics and an awareness of the ideas and trends that have shaped modern thought. To this end, comparative law and religion are studied, as well as major historical figures and events. Students utilize a basic text, see films, hear guest speakers, and are involved in individual and group projects.

Course Title: Honors World History and Geography

Grade Level: 9, 10, 11, 12

Prerequisites: Must fulfill honors course requirements

World History (Honors) follows the standard World History curriculum placing greater emphasis on reading and critical thinking skills.

Course Title: Advanced Placement World History

Grade Level: 9, 10, 11, 12

Advanced Placement World History focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.

Course Title: Advanced Placement Human Geography

Grade Level: 9, 10, 11, 12

Advanced Placement Human Geography is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. Concepts to be introduced and studies are maps and special data, the implications of associations among phenomena in places, relationships among patterns and processes, the regionalization process, and interconnections among places. **All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.**

Course Title: U.S. History

Grade Level: 11

U.S. History begins with the Constitution in 1798 and moves through each major period with more emphasis placed on the period from 1865 to the present. The course provides the student with a general knowledge and appreciation for the political, social, and economic developments of the United States.

Note: This one-credit course is required for graduation.

Course Title: Honors US History

Grade Level : 11

Prerequisites: Must fulfill honors course requirements

U.S. History (Honors) follows the standard U.S History curriculum placing greater emphasis on reading and critical thinking skills.

Course Title: Advanced Placement U.S. History

Grade Level: 11

Advanced Placement U.S. History provides the student with the analytical skills and factual knowledge necessary to deal critically with the problems and material in American History. This course emphasizes the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Students may also be required to purchase supplementary materials in this course. All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.

Course Title: Economics (0.5 Credit)

Grade Level: 12

Economics includes the fundamental principles of the American free enterprise system and the factors that influence its function. This course is designed so that students achieve a better understanding as to how basic economic concepts influence decisions made by consumers, producers, and government. Note: This course is required for graduation.

Course Level: Honors Economics (0.5 Credit)

Grade Level: 12

Prerequisites: Honors English

Honors Economics follows the standard Economics curriculum placing greater emphasis on reading and critical thinking skills.

Course Title: Advanced Placement Economics

Grade Level: 12

Advanced Placement Economics is intended for students who wish to complete studies equivalent to one semester of college study in the area of macroeconomics. It serves to provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.

Course Title: Sociology (0.5 Credit)

Grade Level: 12

Sociology is a study of humans in social groups, and how group interaction influences human behavior.

Course Title: Psychology (0.5 Credit)

Grade Level: 12

Psychology is an introduction to general psychology, emphasizing learning and personality theory, normal and abnormal behavior, problem solving, and conflict analysis. The student develops an awareness not only of the nature of human psychology, but also of techniques for managing his/her own behavior.

Course Title: African American History (0.5 Credit)

Grade Level: 11, 12

Prerequisites: World History or U.S. History, African American Literature is recommended

African American History is designed to analyze the creation of African American society in the United States. Students will analyze various issues of the past and present. They will research past historical documents in order to better understand the issues facing African Americans today.

Course Title: U.S. Government (0.5 Credit)

Grade Level: 11, 12

U.S. Government surveys the political process in the United States, including techniques of political analysis. Emphasis is placed on the office and powers of legislative bodies, and an examination of the judicial decisions. In addition, some time is spent comparing the U.S. government to non-democratic systems. To complement the textbook, one or more of the following books may be read: Machiavelli, *The Prince*; Kennedy, *Thirteen Days*; Woodward and Bernstein, *All the President's Men*; and Orwell, *1984*. Note: This course is required for graduation.

Course Title: Honors U.S. Government (0.5 Credit)

Grade Level: 12

Prerequisites: Must fulfill honors course requirements

U.S. Government (HONORS) follows the standard U.S. Government curriculum placing greater emphasis on reading and critical thinking skills.

Course Title: Advanced Placement Government and Politics

Grade Level: 11, 12

Advanced Placement U.S. Government is intended for qualified students who want to complete studies in high school equivalent to 1 semester of college study. The course includes the historical and philosophical basis of the U.S. constitution, American Political beliefs, political parties, the organization and powers of each branch of government, American civil liberties, and civil rights. The emphasis is on lively debate and discussion. Students are expected to work independently and take responsibility for their academic progress. Students may be expected to purchase additional materials. All students are required to pay for and participate in the College Board AP Testing Program. Summer work is required.

Course Title: Contemporary Issues (0.5 credit)

Grade Level: 11, 12

Contemporary Issues examines current local, national, and international issues and events. Methods and materials involved include oral reports, written summaries, group projects, guest speakers, films, newspapers, television, magazines, and class discussions.

Course Title: Facing History and Ourselves (0.5 credit)

Grade Level: 11, 12

Prerequisites: World History or World Geography

Facing History And Ourselves will be taught using the principles and resources of the Facing History and Ourselves Organization. The class will examine mankind's methods to promote knowledge, values, and skills needed to preserve and protect democracy. Students will also explore issues of anti-Semitism as well as those of courage, caring, and compassion for all humanity.

Course Title: Personal Finance

Grade Level: 10,11, 12

Personal Finance is a foundational course designed to inform students how individual choices directly influence occupational goals, future earning potential, and long term financial well-being. The standards in this course cover decision-making skills related to goal setting, earning potential, budgeting, saving, borrowing, managing risk, and investing. The course helps students meet the growing complexities of personal financial management and consumer decision-making. Upon completion of this course, proficient students will understand how their decisions will impact their future financial well-being.

WELLNESS DEPARTMENT

Course Title: Lifetime Wellness

Grade Level: 9

Lifetime Wellness includes seven standards: Disease Prevention and Control, Nutrition, Substance Use and Abuse, Mental/Emotional/Social Health, Sexuality and Family Life, Safety and First Aid and Personal Fitness. Each content area is addressed in a classroom and/or physical activity setting. Personal fitness and nutrition should be emphasized and integrated throughout the course. Students are provided opportunities to explore how content areas are interrelated. Students acquire knowledge and skills necessary to make informed decisions regarding their health and well-being throughout their lifetime. One unit is required for graduation.

Course Title: Lifetime Sports (Credit 0.5)

Grade Level: 10,11,12

Prerequisites: Lifetime Wellness

Lifetime Sports is a lifetime physical fitness class is open to all sophomore, junior, and senior students who wish to learn how to achieve and maintain total physical fitness.

Course Title: Fitness and Conditioning (Credit 0.5)

Grade Level: 10,11,12

Prerequisites: Lifetime Wellness and teacher approval

Fitness and conditioning students will develop an understanding of fitness concepts and design a personal fitness program while developing an individualized level of health-related activities to complete assessments of their health related fitness.

Course Title: Weightlifting (Credit 0.5)

Grade Level: 10,11,12

Prerequisites: Lifetime Wellness and teacher approval

The weightlifting class was designed to provide each student with the knowledge needed to understand the importance of strength and fitness training. Students will understand the importance of setting goals for personal improvement and achievement, and will leave the class with a lifelong understanding of how to maintain adequate physical fitness for a healthy lifestyle.

INTERNATIONAL BACCALAUREATE PROGRAM

Only students admitted into the International Baccalaureate Optional Program are eligible to enroll in the following classes. **Summer work is required in all classes.**

ENGLISH DEPARTMENT

Course Title: C.L.U.E. English I (Intellectually Gifted)

Grade Level: 9

Prerequisites: Professionally administered testing that designates student as gifted

CLUE is a program for state identified gifted and talented children who need the extra support of a more rigorous education. CLUE students go through a testing process, and eligibility is determined based on academic achievement, parent and teacher input, and cognition. Emphasis in the course is placed on world literature, analytical literary analysis, research, and vocabulary. Creative and critical thinking routines will be established throughout the year.

Students will explore the intricate aspects that make a literary genre and follow the thematic elements of that genre. The study will focus on various styles, settings, characters, and plot elements unique to that genre. Skills covered include the use of close reading skills to analyze, evaluate, and synthesize the literature both in oral and written form.

Course Title: English I Honors (Pre-IB)

Grade Level: 9

In addition to the English I Honors curriculum, English I Honors Pre-IB focuses on literature, writing, and vocabulary development. Emphasis is placed on critical analysis of novels and other genres, composition, research skills and global literary awareness..

Course Title: English II Honors (Pre-IB)

Grade Level: 10

In addition to the English II Honors curriculum, English II Honors Pre-IB is designed to meet the students who are above grade level in writing and grammar skills. Great emphasis is placed on vocabulary development, analytical composition, and interpretation of world literature.

Course Title: IB English I and II, HL

Grade Level: 11 & 12

English IB

English IB is a two- year course at the junior and senior levels. English IB I is offered during the junior year and English IB II is offered during the senior year. Works of literary merit will be selected from both American and world literature titles. Personal synthesis with literature provides immense opportunities for encouraging independent, original, critical, and clear thinking. It also promotes a healthy respect for the imagination and a perceptive approach to the interpretation and understanding of literary works.

FOREIGN LANGUAGE DEPARTMENT

FRENCH

Course Title: French I Honors (Pre-IB)

Grade Level: 9

In addition to the French I Honors curriculum, this accelerated class serves the needs of students with an above average aptitude in language acquisition. This course develops the skills of listening, speaking, reading and writing in French. The culture and geography of France are also important components of study. Participation in a National Foreign Language Exam may be required.

Course Title: French II Honors (Pre-IB)

Grade Level: 9, 10

In addition to the French II Honors curriculum, this accelerated class is a continuation of French I Honors Pre-IB. Students will continue to master oral and written comprehension and conversation skills. An understanding and appreciation of French history and civilization will be stressed. Participation in a National Foreign Language Exam may be required.

Course Title: IB French I SL (French 3); IB French I HL (French 4), IB French II HL (French 5)

Grade Level: 11 and 12

Prerequisite: Honors French I and II

The main focus of this course is mastery of language acquisition in the skills of reading, writing, conversation, and listening. Students will demonstrate skills by use of the target language in different prepared and spontaneous situations both in oral and written exchanges. This course will develop skills that enable students to converse, write, read, and listen in the foreign language. This class will be taught exclusively in the target language. All students enrolled in these classes will be required to participate in Foreign Language Day competitions, National Alliance Francaise Writing Contest, and the National French Exam.

JAPANESE

Course Title: Japanese I Honors (Pre-IB)

Grade Level: 9

In addition to the Japanese I Honors curriculum, this accelerated class serves the needs of students with an above average aptitude in language acquisition. This course develops the skills of listening, speaking, reading and writing in Japanese. The culture and geography of Japanese speaking countries are also important components of study. Participation in a National Foreign Language Exam may be required.

Course Title: Japanese II Honors (Pre-IB)

Grade Level: 10

In addition to the Japanese II Honors curriculum, this accelerated class is a continuation of Japanese I Honors Pre-IB. Students will continue to master oral and written comprehension and conversation skills. An understanding and appreciation of Japanese history and civilization will be stressed. Participation in a National Foreign Language Exam may be required.

Course Title: IB Japanese I ab initio SL; IB Japanese II ab initio SL

Grade Level: 11 & 12

The main focus of this course is on language acquisition and mastery of listening, speaking, reading and writing skills in order to communicate effectively in the target language. The course will facilitate student attainment to a high degree of competence in a variety of situations ranging from everyday oral exchanges in the target language to literary texts that relate to the culture(s) concerned.

Course Title: IB Japanese I HL (Japanese 3); IB Japanese II HL (Japanese 4)

Grade Level: 11 & 12

Prerequisite: Honors Japanese I and II

The main focus of this course is on language acquisition and mastery of listening, speaking, reading and writing skills in order to communicate effectively in the target language. The course will facilitate student attainment to a high degree of competence in a variety of situations ranging from everyday oral exchanges in the target language to literary texts that relate to the culture(s) concerned.

LATIN

Course Title: Latin I Honors (Pre-IB)

Grade Level: 9

In addition to the Latin I Honors curriculum, this accelerated class serves the need of students with an above average aptitude in language acquisition. The language, history and culture of ancient Romans are emphasized. Participation in a National Foreign Language Exam may be required.

Course Title: Latin II Honors (Pre-IB)

Grade Level: 10

In addition to the Latin II Honors curriculum, this accelerated class serves the needs of students with an above average aptitude in language acquisition with a concentration on reading unadapted Latin. Special attention is given to the style, versification, and grammar peculiar to poetry. Participation in a National Foreign Language Exam may be required.

Course Title: IB Latin III and IV SL/HL

Grade Level: 11 & 12

Prerequisite: Honors Latin I and II

Latin IB, SL concentrates on reading the unadapted Latin poetry of Ovid's *Metamorphoses*, Horace's *Odes*, Vergil's *Aeneid* and Catullus' *Carmeni*. Special attention is given to style, versification, and grammar particular to poetry. Students will be required to do critical analysis of the poetry through the study of external commentaries. Vocabulary development and extensive work in the translation of sight passages are essential to the course.

SPANISH

Course Title: Spanish I Honors (Pre-IB)

Grade Level: 9

In addition to the Spanish I Honors curriculum, this accelerated class serves the needs of students with an above average aptitude in language acquisition. This course develops the skills of listening, speaking, reading and writing in Spanish. The culture and geography of Spanish speaking countries are also important components of study. Participation in a National Foreign Language Exam may be required.

Course Title: Spanish II Honors (Pre-IB)

Grade Level: 10

In addition to the Spanish II Honors curriculum, this accelerated class is a continuation of Spanish I Honors Pre-IB. Students will continue to master oral and written comprehension and conversation skills. An understanding and appreciation of Hispanic American history and civilization will be stressed. Participation in a National Foreign Language Exam may be required.

Course Title: IB Spanish I SL (Spanish 3); IB Spanish I HL (Spanish 4); IB Spanish II HL(Spanish 5)

Grade Level: 11 and 12

Prerequisite: Honors Spanish I and II

The main focus of this course is mastery of language acquisition in the skills of reading, writing, conversation, and listening. Students will demonstrate skills by use of the target language in different prepared and spontaneous situations both in oral and written exchanges. This course will develop skills that enable students to converse, write, read, and listen in the foreign language. This class will be taught exclusively in the target language.

SCIENCE DEPARTMENT

Course Title: Biology Honors (Pre-IB)

Grade Level: 9

Honors Biology is designed for the advanced science student. Students taking this course should have strong analytical and critical thinking skills. Topics of study include cytology, biochemistry, biological interdependence, genetics, and biotechnology. The development of laboratory skills is central to this course. Laboratory activities and independent projects are emphasized.

Course Title: Chemistry (Honors)

Grade Level: 10

Prerequisites: Biology Honors

Honors Chemistry is designed for advanced science students who plan to major in science, mathematics, medicine, and engineering in college. The following basic principles are developed: the nature of matter, atomic theory, the mole concept, organic chemistry and physical inorganic chemical concepts. These concepts and principles are developed through laboratory exercises, class discussions, lectures, demonstrations and science projects. Honors Chemistry involves the application of mathematical concepts and requires commitment to assignments and study.

Course Title: IB Biology I and II SL/HL

Grade Level: 11, 12

Prerequisite: Honors Biology and Honors Chemistry

IB Biology is a college level experimental science course that prepares students for the International Baccalaureate examination in Biology. This course examines living things from a molecular, cellular and organismal perspective. Students will study 16 core biology topics. The interactions between structure and function are stressed along with the interrelationship and interdependence of all organisms. Students will evaluate the place of humans in the environment and they will use this knowledge to appreciate the complexities of the biological systems. Students will demonstrate practical experimental skills, evaluate problems scientifically, and value inquiry as a fundamental scientific process. Students will spend at least 25% of total instructional time on laboratory exercises working individually, with partners, and in groups. A combination of short term and long term investigations will be conducted, in addition to a multidisciplinary group 4 project.

Course Title: IB Physics I and II SL/HL

Grade Level: 11 & 12

Prerequisite: Honors Biology and Honors Chemistry

IB Physics is a two-year course of study in which students study twelve core physics concepts with two additional concepts chosen from a list of five concepts. The additional concepts offer the students an opportunity to broaden their knowledge base in an area of interest. This higher-level class offers both a deeper and wider understanding of physics and the scientific method.

SOCIAL STUDIES DEPARTMENT

Course Title: Honors World History and Geography

Grade Level: 9, 10, 11, 12

World History begins during first semester with the study of ancient history and continues through to the present. While chronologically arranged, the course does not emphasize dates. Rather, it is designed to develop an understanding of culture and politics and an awareness of the ideas and trends that have shaped modern thought. To this end, comparative law and religion are studied, as well as major historical figures and events. Students utilize a basic text, see films, hear guest speakers, and are involved in individual and group projects. This course emphasizes reading and critical thinking skills.

Course Title: Advanced Placement World History

Grade Level: 9, 10, 11, 12

Advanced Placement World History focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. All students are required to pay for and participate in the College Board AP Testing Program.

Course Title: Advanced Placement Human Geography

Grade Level: 9, 10, 11, 12

Advanced Placement Human Geography is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. Concepts to be introduced and studies are maps and special data, the implications of associations among phenomena in places, relationships among patterns and processes, the regionalization process, and interconnections among places. All students are required to pay for and participate in the College Board AP Testing Program.

Course Title: IB History of the Americas I and II HL

Grade Level: 11 & 12

History of the Americas (HotA) is a two-year course of study open to IB Diploma Program candidates. The International Baccalaureate HotA region option covers the United States, Latin America, the Caribbean, and Canada from the colonial era to the present in the junior year and 20th Century World Topics during the senior year. Topics in both years will integrate with Theory of Knowledge as well as other IB course themes to reinforce the interconnectedness of idea and thought in our world. During the two-year course of study, students will have earned credit from the State of Tennessee for U.S. History, Government and Economics

Course Title: IB Psychology SL

Grade Level: 11, 12

The IB Diploma Program psychology course aims to develop an awareness of how research findings can be

applied to better understand human behavior and how ethical practices are upheld in psychological inquiry. Students learn to understand the biological, cognitive and sociocultural influences on human behavior and explore alternative explanations of behavior.

Course Title: IB Social and Cultural Anthropology SL

Grade Level: 11, 12

Social and cultural anthropology is the comparative study of culture and human societies and the exploration of the general principles of social and cultural life. The course places emphasis on comparative perspectives that make cultural assumptions explicit, and contributes to an understanding of contemporary real-world issues such as war and conflict, the environment, poverty, injustice, and human rights.

MATHEMATICS DEPARTMENT

Course Title: Algebra I Honors (Pre-IB)

Grade Level: 9

Honors Algebra I is designed for 9th grade students with an excellent, enriched or accelerated 8th grade math background who want a more challenging approach to Algebra I. More emphasis will be placed on understanding and using the different sets of real numbers; on developing the concepts of functions; on establishing connections between graphs, equations, and numerical patterns; and on solving a greater variety of problems.

Course Title: Unified Geometry Honors (Pre-IB)

Grade Level: 9, 10

Honors Unified Geometry is designed for the advanced math student. Students taking this course should have strong critical thinking and analytical skills. Problem solving and application of material are areas where students will be challenged.

Course Title: Algebra II Honors (Pre-IB)

Grade Level: 10

Prerequisite: Honors Algebra I and Honors Geometry

Honors Algebra II stresses linear programming, functions, systems of equations and inequalities, matrices, progressions and series, logarithms, trigonometric functions, elementary identities, combinations, permutations, probability, and statistics. Emphasis will be placed on using a graphing calculator.

Course Title: IB Math Studies II SL

Grade Level: 12

Mathematical Studies SL is designed to encourage an appreciation for mathematics in students who do not anticipate a need for mathematics in their future studies. In addition to Advanced Algebra & Trig the junior year, this course is the application of mathematics to real-life situations. Students entering this course will need to have a good understanding of basic arithmetic, algebra, geometry and trigonometry. This course will cover use of the graphing calculator as well as studies in number sense, algebraic concepts, sets, logic, probability, functions, geometry, trigonometry, financial mathematics and introductory differential calculus in preparation for the standard level IB Mathematical Studies examination.

Course Title: IB Mathematics II SL

Grade Level: 12

Mathematics SL is designed to equip students with the skills needed for future studies in advanced math and science topics. The emphasis of this course is the application of mathematics rather than pure mathematic theory. Students entering this course should be highly motivated, independent workers equipped with the skills needed to apply simple mathematical techniques correctly. This course will consist of studies in algebraic concepts, matrices, vectors, statistics and probability, functions and equations, circular functions and trigonometry and calculus in preparation for the standard level IB Mathematics examination. It is expected that extensive use will

be made of graphing calculators in both the development and the application of these topics.

Course Title: IB Mathematics Applications and Interpretations SL I and II

Grade Level: 11 & 12

Mathematics Applications and Interpretation **SL** is designed to encourage an appreciation for mathematics in students who do not anticipate a need for mathematics in their future studies. Students in this course need to have a good understanding of basic arithmetic, algebra, geometry and trigonometry. This course will cover use of the graphing calculator as well as studies in number sense, algebraic concepts, sets, logic, probability, functions, geometry, trigonometry, financial mathematics and introductory differential and integral calculus. Emphasis is placed on using technology to solve practical problems.

Course Title: IB Mathematics Applications and Interpretations HL I and II

Grade Level: 11 & 12

Mathematics Applications and Interpretations **HL** is aimed at the strongest math students who are interested in applied mathematics. These students will go on to study subjects such as social sciences, natural sciences, medicine, statistics, business, some economics courses, psychology, and design. This course will cover matrices, vectors concepts, and tree cycle algorithms. There is an emphasis on statistics including binomial and Poisson distributions, differential and integral calculus including kinematics, volumes of revolution, solving differential equations, and modeling and use of technology to support these topics. It is intended to meet the needs of students whose interest in mathematics is more practical than theoretical but seek more challenging content.

Course Title: IB Mathematics Analysis and Approaches SL I and II

Grade Level: 11 & 12

Mathematics Analysis and Approaches **SL** is designed for strong math students who will go on to study subjects with substantial mathematics content such as mathematics, engineering, physical sciences, or some economics. This course will take students deeper into Algebra 2 topics to include the study of functions, geometry and trigonometry including bearings, double angle identities, and composite trigonometric functions. Statistics and probability looks at collecting data and using sampling techniques, normal distributions and binomial distributions. There is an emphasis on differential and integral calculus including limits, equations of normals and tangents, optimization, kinematics, definite and indefinite integration. This course will develop strong skills in mathematical thinking by exploring real and abstract applications, with and without technology.

FINE ARTS DEPARTMENT

VISUAL ART

Course Title: Art I Honors (Pre-IB)

Grade Level: 9

Art I is designed to help students understand the visual qualities of the world around them, to encourage awareness, and to develop skills in various areas, including drawing, color fundamentals, and design principles. Students work with pencil, charcoal, pastel, and watercolor. Note: all supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of the course.

Course Title: Art II Honors (Pre-IB)

Grade Level: 10

Art II provides in depth development of skills with emphasis on the student's personal approach. Art History is integral to all art courses. Traditional and contemporary styles are explored to develop individual expression. Areas explored may include drawing, painting, sculpting, silk screening, and printing. Note: all supplies must be purchased. Co-curricular after school and weekend hours devoted to the GHS Fine Arts Department are a required part of the course.

Course Title: IB Visual Arts SL/HL

Grade Level: 11 & 12

Prerequisite: Honors Art I and II

The Visual Arts IB course will bring together both cognitive and poignant experiences that will expand students' analytical and personal view of themselves and other cultures of the world. The course incorporates the theory and practice of visual arts with human experience and presents the students an opportunity to discover themselves within a cultural context.

Visual Arts HL and SL will include aesthetics, art history, criticism and practical studio work. The courses will not be based on merely one concept of the visual arts but will encourage students to fortify personal perspectives and various approaches.

THEATRE ARTS

Course Name: Introduction to the Theatre (Honors)

Course Level: 9

Introduction to the Theatre offers the student a broad overview of the theatre world, with particular attention paid to theatre production, theatre history, technical theatre, theatre evaluation, and comparative media. This course also includes introductory approaches to improvisational acting techniques, acting styles, methodology, and scene study. As part of this course of study, students are required to critique live theatrical performances in the Memphis and Germantown area (at the student's expense). After school and weekend hours devoted to the GHS Fine Arts Department are required.

Course Name: Acting

Course Level: 10

Acting is designed for the performance-oriented student. It examines practical and theoretical approaches to performance, including improvisational acting, acting styles, acting methodology, movement, voice, and scene study.

Playwriting and elementary directing techniques are included in this course of study. Serious attention is given to theatre aesthetics and theatre evaluation. As part of this course of study, students are required to critique live theatrical performances in the Memphis and Germantown area (at the student's expense). After school and

weekend hours devoted to the GHS Fine Arts Department are required.

Course Name: IB Theatre Arts I and II SL/HL

Course Level: 11 & 12

IB Theatre Arts is a two-year college level performance and technical based course that prepares students for the International Baccalaureate examination in theatre. This course examines various forms of theatre from a global perspective. The interactions between theatre in the making and theatre in performance are emphasized as well as the interrelationship and interdependence of all theatre genres. Students will evaluate the place of theatre in society and will use this knowledge to gain a higher appreciation of theatre as an art form. Students will demonstrate performance skills, apply technical knowledge and develop an appreciation of theatre on a personal level.

This course covers both the theoretical and practical elements of theatre. The course also enables students to develop creative and imaginative skills and the ability to communicate in dramatic form.

The majority of students' instructional time will be in a laboratory setting (theatre) working individually as well as part of a cast and/or crew. The students will work on a combination of short term and long-term projects. All students will take part in two main stage productions. The students will analyze artistic expression from various perspectives. The students will acquire knowledge of the theatre through both practical means and traditional academic methods. The students will use higher thinking skills to comprehend and contextualize performance pieces, technical cues, and theatre's effect on society. The course emphasizes daily co-curricular hours after school and on weekends.

A portfolio will be built from all performance and technically based activities.

VOCAL MUSIC

Course Title: Chorus

Grade Level: 9

Chorus is designed to introduce young singers with varying degrees of musical background to the choral experience.

Vocal development, basic theory, site reading, and introduction to music history is taught. Students are required to perform in two concerts and to purchase the appropriate uniform for these performances. After school practices may be called when necessary. After school and weekend hours devoted to the GHS Fine Arts Department are required.

***The 10th grade vocal music course will be determined by audition and instructor's permission.**

Placement could be in chorale or chamber choir or women's/men's choir.*

Course Number: 823508

Course Title: IB Music I SL/HL

Grade Level: 11, 12

The aims of the IB music program are to give students the opportunity to explore and enjoy the diversity of music throughout the world. Students will accomplish this by creatively developing their knowledge, abilities and understanding through performance and composition.

Standard Level music students must choose between:

Solo Performance Option—designed for the student who has a background in musical performance, requires one or more solo recitals

Group Performance Option—designed for students with a general interest in music, requires two or more public group performances

Composition Option—designed for the student who has a background in musical composition; requires two contrasting compositions

Higher Level music is designed for the music specialist who may pursue music at the university or conservatory level. It requires one or more solo recitals AND three contrasting musical compositions.

INSTRUMENTAL MUSIC

Course Title: Wind Ensemble (Intermediate Brass and Woodwinds)

Grade Level: 9, 10, 11

Prerequisites: Students must have completed two consecutive years (7th and 8th grade) of study on a brass instrument as part of a Junior High or Middle School Band program.

Credits: 1 (one)

Intermediate Brass And Woodwinds is designed to advance the student toward an accepted level of proficiency on his/her instrument through the use of fundamental exercises. Some after school and weekend hours are required, and students may not spend more than one year at this level without instructor permission.

Course Title: Intermediate Percussion

Grade Level: 9, 10, 11

Prerequisites: Students must have completed two consecutive years (7th and 8th grade) of study on a percussion instrument as part of a Junior High or Middle School Band program.

Credits: 1 (one)

Intermediate Percussion is designed to advance the student toward an accepted level of proficiency on his/her instrument through the use of fundamental exercises. Some after school and weekend hours are required, and students may not spend more than one year at this level without instructor permission.

Course Title: Varsity Band III Honors

Grade Level: 9, 10, 11, 12

Prerequisites: Successful audition and recommendation from previous director.

Varsity Band includes both marching concert performance. The band performs at football games, parades, marching competitions, and other activities throughout the year. Music theory, history, and composition are included in the Varsity Band curriculum. All-West, All-State, and Jazz ensembles are selected from the Varsity membership. Solo and ensemble festivals, concert festivals, and Spring trips are also part of the Varsity Band experience. After school and weekend hours are required for all phases of Varsity Band performance. All rehearsals and performances are graded. Members of this ensemble must either audition for All West TN Honor Bands or perform a solo at the Solo and Ensemble Festival. Students must consistently progress their skills and maintain satisfactory conduct in order to remain in Varsity Band for successive years.

Course Title: Varsity Percussion Honors

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

VARSITY BAND includes both marching concert performance. The band performs at football games, parades, marching competitions, and other activities throughout the year. Music theory, history, and composition are included in the Varsity Band curriculum. Members of All-West, All-State, and Jazz ensembles are selected from the Varsity membership. Solo and ensemble festivals, concert festivals, and Spring trips are also part of the Varsity Band experience. After school and weekend hours are required for all phases of Varsity Band performance. All rehearsals and performances are graded. Members of this ensemble must either audition for All West TN Honor Bands or perform a solo at the Solo and Ensemble Festival. Students must consistently progress their skills and maintain satisfactory conduct in order to remain in Varsity Band for successive years.

Course Title: Stage Jazz Band Honors

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

Prerequisite: Permission of the Band Director, successful completion of audition and satisfactory conduct in other band/music courses. Students must participate in Varsity Band to take part in jazz band. Members may also be selected from choir or orchestra classes. This will be at the band director's discretion. The goal of this class is to give every student a solid grounding in the style, performance, theory, and history of Jazz in the 20th century. These goals will be accomplished through performance of jazz ensemble music in the classroom and public/festival performances. All students enrolled in Jazz Band will be able to learn and grow as musicians regardless of previous experiences playing jazz music. Throughout the course of the year students will be exposed to a variety of musical styles including (but not limited to) Bebop, Swing, Latin, Blues, and Rock. Students will also be given the opportunity to learn jazz improvisation, as well as techniques for playing jazz in a small group setting.

Jazz Ensemble performances include formal concerts, community concerts as well as adjudicated jazz festivals. The opportunity for individuals to audition for the WTSBOA All West and All-State Honor Jazz Band is also available.

Course Title: Color Guard

Grade Level: 9, 10, 11, 12

Prerequisites: Audition

Varsity Color-Guard functions as a visual ensemble part of the Marching Band program during the fall semester. Students learn marching skills, rhythm patterns, beginning music theory and dance fundamentals. Flags, rifles and other equipment are used to accent the musical portion of the fall marching show. The Varsity Color Guard performs at football games, parades, and marching competitions. After school, summer and weekend hours are required for participation. All rehearsals and performances are graded. Students must consistently progress their skills, pass the yearly audition and maintain satisfactory conduct in order to remain in Color Guard. Color guard, by itself, does not meet the Fine Arts graduation requirement.

