

MESSAGE FROM THE VICE PRINCIPAL

The Program of Studies Guide is intended to give parents and students a brief description of the courses and learning opportunities offered at Bartlett High School. The selection of courses is very important. It can determine the college or university students will attend, the type of career graduates will have, and students' overall enjoyment of high school. We encourage everyone to take a great deal of time to plan academic schedules.

Availability of classes is determined by need as students register in the spring semester for the following year's courses. Please use this resource throughout the year as a reference regarding graduation requirements, curriculum offerings, various policies/expectations, and requirements of the course. NOTE: Courses may be deleted due to budgetary constraints, lack of student interest, or unavailability of teachers due to the overall schedule demand. Information in the Program of Studies Guide may be modified at administration's discretion.

If you have any questions about your son's or daughter's schedule for next year, graduation requirements, or college admission requirements, please contact his or her counselor. I also ask that you share your opinions about our course offerings and overall educational program with us. We welcome the opportunity to talk with you about Bartlett High School.

Sincerely,

Mr. Michael Kreeger

Vice Principal



2026-2027 COURSE SELECTION INSTRUCTIONS

As a student enrolled in Bartlett High School, you are given the opportunity to select coursework each spring for the following year. It is important to involve your parents in the course selection process, that you make certain you meet the prerequisites, and that you keep high school graduation requirements and career objectives in mind.

This guide is designed to aid in making appropriate choices by providing brief program and course descriptions, prerequisites, and other information related to this process. In order to complete registration successfully, you are urged to follow the steps identified below:

1. **READ** the Program of Studies Guide carefully.
2. **REVIEW** the list of graduation requirements and determine which requirements have been met and which courses need to be taken next year. Consider courses which need to be repeated because of lost credit.
3. **TALK** to your parents and teachers about course selections and appropriate academic levels (standard, Honors/Pre-AP, or advanced studies) as determined by your classroom teacher.
 - ◆ **Standard:** These courses are designed for in-depth instruction that challenges, but is suitable, for all students.
 - ◆ **Honors & Pre-AP:** These courses are designed for self-motivated students who wish to pursue a more challenging curriculum while in high school.
 - ◆ **Dual Enrollment:** These college level courses are designed for highly motivated students who wish to pursue potential college credit in high school through the University of Memphis or TCAT-Memphis.
 - ◆ **Advanced Placement:** These college level courses are designed for highly motivated students who wish to pursue potential college credit in high school.
4. **SELECT** courses that will correspond to or complement your goals for the future.

Course selection represents a commitment on the part of the student and parent to complete the schedule of classes chosen; however, requests for schedule changes will be considered for the following reasons:

- ◆ Scheduling error (example: request English 12 and receive English 11);
- ◆ Incorrect course sequence;
- ◆ Failure to complete a prerequisite course or requirement;
- ◆ Graduation or college requirement omitted from schedule;
- ◆ Duplicate course;
- ◆ Credit already received for course / course completed during the summer;
- ◆ Blank period on schedule

As you choose your course selections, make sure you meet the prerequisites for all selected courses and get Honors / Pre-AP / Dual Enrollment / AP contracts signed, if needed.

If a Course Request Form is not returned with all the necessary requirements completed, a counselor will make selections for you based on class availability.

TABLE OF CONTENTS

General Information 4 - 5

- About Bartlett High School
- Administration & School Counselors
- Parent / Teacher Communication
- Grades & Attendance Online
- Promotion Criteria & Grade Classification
- Grading Scale, GPA Calculation, & Class Rank

Graduation Requirements 6

Focus Elective Offerings 7 - 8

Graduation with Honors & Distinction 9 - 10

Early Post Secondary Opportunities (EPSOs) 11 - 16

- Advanced Placement
- Dual Enrollment
- Local Dual Credit

Honors Contracts 16

New Course Offerings 17

Course Fees 17

Scheduling Add/Drop Procedures 17

COURSE DESCRIPTIONS

English & English Electives 18 - 21

Mathematics 22 - 24

Science 25 - 27

Social Studies & Social Studies Electives 28 - 31

Leadworthy 31

Fine Arts: Media Arts 32

Fine Arts: Instrumental Music 33 - 34

Fine Arts: Music Theory 34

Fine Arts: Photography 35

Fine Arts: Speech & Debate 35

Fine Arts: Theatre Arts 36

Fine Arts: Visual Arts 37

Fine Arts: Vocal Music 38

Personal Finance 39

Physical Education 39

World Languages 40 - 44

CTE: Coding 45 - 46

CTE: Cosmetology 47

CTE: Criminal Justice 48

CTE: Culinary Arts 49

CTE: Diagnostic & Therapeutic Services 50

CTE: Digital Arts & Design 51

CTE: Early Childhood Education Careers 52

CTE: Horticulture Science 52

CTE: Human & Social Services 53

CTE: Machining Technology 54

CTE: Maintenance & Light Repair 55

CTE: Marketing, Management & Entrepreneurship 56 - 57

CTE: Mechatronics 58

CTE: STEM Applications 59 - 60

CTE: Web Design 60 - 61

GENERAL INFORMATION



Bartlett High School

5688 Woodlawn Street • Bartlett, Tennessee 38134
 (901) 373-2620 • <http://bhs.bartlettschools.org>
 ACT / SAT CEEB Code: 430-070

ABOUT BARTLETT HIGH SCHOOL:

Bartlett High School, part of the Bartlett City Schools system, serves students in grades **10-12** of the incorporated city of Bartlett, Tennessee. Bartlett High, formerly Nicholas Blackwell High School, has existed on this site since 1917 and encompasses 21 acres. **Freshmen attend the Bartlett Ninth Grade Academy, a separate school on Shadowlawn Road.**

ADMINISTRATION:

Shannon Abraham	Principal
Michael Kreeger	Vice Principal
Linda Berger	Assistant Principal
Kathy Harman	Assistant Principal
Billy Holt	Assistant Principal
Monica Thomas	Assistant Principal
Penny White	Assistant Principal



SCHOOL COUNSELORS:

A counselor is assigned to each student to guide him or her throughout high school. A student or parent may set up an appointment for a conference with his/her counselor through the guidance office.

	For 2025-2026 School Year:	For 2026-2027 School Year:	
Brenda Pilant	Seniors: Class of 2026	Sophomores: Class of 2029	Ext. #7013
Mary Jackson	Juniors: Class of 2027	Seniors: Class of 2027	Ext. #7014
Marcy Ross	Sophomores: Class of 2028	Juniors: Class of 2028	Ext. #7012
Michelle Adair	Freshmen at Risk	Freshmen at Risk	Ext. #7015
Jana Radford	College & Career	College & Career	Ext. #7016

PARENT / TEACHER COMMUNICATION:

If a student is experiencing a problem in a course, the best solutions are a result of direct communication between the parent, student, and teacher. Please call or e-mail the instructor with your concerns and allow at least 24 hours for a response. E-mail addresses can be found through the "Staff Directory" section on the school web site at <http://bhs.bartlettschools.org> under "About Us." You may also arrange for a conference with a guidance counselor and your student's teachers by contacting your child's guidance counselor to schedule an appointment.

GENERAL INFORMATION

GRADES & ATTENDANCE ONLINE:



Report cards are distributed to the students at the end of every reporting period. Parents can access grades and attendance online, 24-7 at <http://bhs.bartlettschools.org> and clicking on the "Parent Power School" button. There is even a FREE smartphone App you can download for easier access to your child's grades. Simply search PowerSchool in your smartphone's web store to download today!



PROMOTION CRITERIA & GRADE CLASSIFICATION:

Students must earn a minimum number of credits each year to be promoted to the next level:

- ◆ **9th Grade:** promotion or placement from 8th Grade
- ◆ **10th Grade:** minimum of 5 credits including English 9 are needed to be promoted to 10th Grade
- ◆ **11th Grade:** minimum of 11 credits including English 9 and 10 are needed to be promoted to 11th Grade
- ◆ **12th Grade:** minimum of 16 credits including English 9, 10, and 11 are needed to be promoted to 12th Grade

GRADING SCALE, GPA CALCULATION & CLASS RANK:

Bartlett High School calculation for High School Course GPA:

Grade	Scale	Regular	Honors, Pre-AP	Local Dual Credit	AP, Dual Enrollment
A	90 – 100	4.0	4.5	4.75	5.0
B	80 – 89	3.0	3.5	3.75	4.0
C	70 – 79	2.0	2.5	2.75	3.0
D	60 – 69	1.0	1.5	1.75	2.0
F	Below 60	0	0	0	0

The weighted grading scale shall be used for all official purposes including report cards, GPA, class rank, honor roll, etc. except the Hope Scholarship as described below.

Weighted Grades:

- Advanced Placement (AP) and Dual Enrollment courses will have five (5) points added to each quarter *and* semester exam grade.
- Local Dual Credit and National Industry Certification courses will have four (4) points added to each quarter *and* semester exam grade.
- Honors courses will have three (3) points to each quarter *and* semester exam grade.

GRADUATION REQUIREMENTS

To earn a traditional high school diploma, students shall:

1. Earn the prescribed twenty-two (22) credit minimum (see below);
2. Participate in the ACT or SAT; and
3. Have a satisfactory record of attendance and discipline;
4. Beginning with students who enroll in ninth (9th) grade in the 2024-25 school year and any subsequent year (current 9th and 10th graders), earn at least one (1) credit of computer science in high school. These courses are indicated by the logo to the right and include: Coding I, Computer Science Foundations, Computer Science Principles AP and Cybersecurity I.



◆ English: 4 credits

- English 9: Regular or Honors
- English 10: Regular, Honors, or Pre-AP
- English 11: Regular, Honors, or AP Language
- English 12: Regular, Honors, Dual, or AP Literature

◆ Mathematics: 4 credits

High School Algebra I credit earned in the 8th grade WILL count as the as one of 4 required mathematics credits in high school.

- Algebra I: Regular or Honors
- Geometry: Regular or Honors
- Algebra II: Regular or Honors
- a fourth higher level math course

◆ Science: 3 credits

High School Physical Science credit earned in the 8th grade WILL count as the third lab science credit.

- Biology I: Regular or Honors
- Chemistry **OR** Physics: Regular or Honors
- a third lab science course

◆ Social Studies: 3 credits

- World History & Geography: Regular or Honors **OR** AP Human Geography **OR** AP European History
- U.S. History & Geography: Regular, Honors, or AP
- Economics (.5 credit): Regular, Honors or AP
- U.S Government (.5 credit): Regular, Honors or AP

◆ Fine Arts: 1 credit

- Film & Video, Music, Speech & Debate, Theatre Arts, **OR** Visual Arts

◆ World Languages: 2 credits in the same world language

High School World Language credit earned in the 8th grade WILL count as one of the 2 required world language credits in high school.

◆ Personal Finance: .5 credits

◆ Lifetime Wellness: 1 credit

◆ Physical Education: .5 credits

◆ Focus Electives: 3 credits in a focus elective area (see next page)

2026-2027 Bartlett High School Focus Elective Clusters

Elective Focus: 3 credits focusing on a particular concentration area, beyond the required graduation requirements, in one of the following areas: Fine Arts, Humanities & Liberal Arts, Math & Science, Advanced Placement, and Career & Technical Education.

If you are waiving the Foreign Language OR Fine Arts credit, you must have 6 credits in **ONE** Focus Elective cluster.

Fine Arts
<ul style="list-style-type: none"> ▪ Media Arts I - Intro to Film & Video ▪ Media Arts II - Film Theory I ▪ Media Arts III - Film Theory II ▪ Media Arts II - TV Production ▪ Intermediate Band Honors ▪ Varsity Band Honors ▪ Percussion Honors ▪ Instrumental Technique ▪ General Music ▪ Concert Choir ▪ Advanced Treble Choir Honors ▪ Chamber Choir Honors ▪ Concert Choir Honors ▪ Music Theory ▪ Orchestra ▪ Orchestra Honors ▪ Strings ▪ Intro to Communication Arts (Speech) ▪ Forensics / Debate ▪ Forensics / Debate Honors ▪ Intro to Theatre ▪ Acting Honors ▪ Technical Theatre Honors ▪ Theatre Production Workshop Honors ▪ Art I ▪ Art I Honors ▪ Art II ▪ Art II Honors ▪ Art III Honors ▪ AP Art ▪ Art I: Graphic Design ▪ Art I: Photography ▪ Advanced Photography

Humanities & Liberal Arts
<ul style="list-style-type: none"> ▪ ACT Prep [SEM] ▪ Creative Writing [SEM] ▪ Advanced Creative Writing [SEM] ▪ Etymology Honors [SEM] ▪ Mythology [SEM] ▪ Journalism / Yearbook ▪ European History AP ▪ Human Geography AP ▪ Psychology [SEM] ▪ Psychology AP ▪ Sociology [SEM] ▪ U.S. History & Geography AP ▪ Intro to Communication Arts (Speech) ▪ Forensics / Debate ▪ Forensics / Debate Honors ▪ French III Honors ▪ French IV Honors ▪ French Language AP ▪ German III Honors ▪ German IV Honors ▪ Spanish III ▪ Spanish III Honors ▪ Spanish IV Honors ▪ Spanish Language AP

Math & Science
<p style="text-align: center; color: blue; font-style: italic;">This is in addition to the 4 required Math and 3 required Science credits.</p> <ul style="list-style-type: none"> ▪ Calculus [SEM] ▪ Statistics [SEM] ▪ College Algebra & Elem. Calculus [DE] ▪ Calculus AB AP ▪ Statistics AP ▪ Environmental Science ▪ Human Anatomy & Physiology ▪ Physics Honors ▪ Biology AP ▪ Chemistry AP ▪ Environmental Science AP

Advanced Placement
<ul style="list-style-type: none"> ▪ Biology AP ▪ Chemistry AP ▪ Computer Science Principles AP ▪ Environmental Science AP ▪ European History AP ▪ Human Geography AP ▪ Psychology AP ▪ US History AP ▪ French Language AP ▪ Spanish Language AP ▪ Calculus AB AP ▪ Statistics AP ▪ Art: 2-D Design OR Drawing AP
Leadworthy
<ul style="list-style-type: none"> ▪ Leadworthy I ▪ Leadworthy II ▪ Leadworthy III ▪ Leadworthy IV
Key
<ul style="list-style-type: none"> ▪ [SEM] = .5 credits ▪ [2HR] = 2 credits

2026-2027 BHS ~ Career & Technical Education Focus Elective Clusters

Elective Focus: 3 credits focusing on a particular concentration area, beyond the required graduation requirements, in one of the following areas: Fine Arts, Humanities & Liberal Arts, Math & Science, Advanced Placement, and Career & Technical Education.

If you are waiving the Foreign Language OR Fine Arts credit, you must have 6 credits in **ONE** Focus Elective cluster.

Coding	Cosmetology	Criminal Justice	Culinary Arts
<ul style="list-style-type: none"> ▪ Coding I ▪ Coding II ▪ Coding Practicum (Coding III) ▪ Computer Science Foundations ▪ Computer Science Principles AP ▪ Cybersecurity I 	<ul style="list-style-type: none"> ▪ Cosmetology I ▪ Cosmetology II [2HR] ▪ Cosmetology III/IV [2HR] 	<ul style="list-style-type: none"> ▪ Criminal Justice I ▪ Criminal Justice II ▪ Criminal Justice III ▪ Criminal Justice Practicum (CJ IV) 	<ul style="list-style-type: none"> ▪ Culinary Arts I ▪ Culinary Arts II [2HR] ▪ Culinary Arts III/IV [2HR]
Diagnostic & Therapeutic Services	Digital Arts & Design	Early Childhood Education	Human & Social Services
<ul style="list-style-type: none"> ▪ Health Science Education ▪ Human Anatomy & Physiology ▪ Diagnostic Medicine ▪ Medical Therapeutics ▪ Clinical Internship 	<ul style="list-style-type: none"> ▪ Digital Arts & Design I ▪ Digital Arts & Design II ▪ Digital Arts & Design III/IV [2HR] 	<ul style="list-style-type: none"> ▪ Early Childhood Education Careers I ▪ Early Childhood Education Careers II ▪ Early Childhood Education Careers III 	<ul style="list-style-type: none"> ▪ Family Studies ▪ Introduction to Human Studies ▪ Lifespan Development ▪ Psychology [SEM] ▪ Psychology AP ▪ Sociology [SEM]
Machining Technology	Maintenance & Light Repair	Marketing, Management & Entrepreneurship	Mechatronics
<ul style="list-style-type: none"> ▪ Principles of Manufacturing ▪ Principles of Machining I ▪ Principles of Machining II [2HR] 	<ul style="list-style-type: none"> ▪ Maintenance & Light Repair I ▪ Maintenance & Light Repair II [2HR] ▪ Maintenance & Light Rep. III/IV [2HR] 	<ul style="list-style-type: none"> ▪ Business Management [SEM] ▪ Intro to Business & Marketing [SEM] ▪ Principles of Office Applications ▪ Accounting I ▪ Accounting II ▪ Entrepreneurship ▪ Entrepreneurship DE ▪ Marketing & Management I ▪ Marketing & Management II ▪ Advertising & Public Relations [SEM] ▪ Social Media & Analytics 	<ul style="list-style-type: none"> ▪ Pre-Mechatronics: Digital Electronics ▪ Robotics & Automated Systems ▪ Mechatronics II (Practicum) ▪ Principles of Manufacturing
STEM Applications	Web Design		Key
<ul style="list-style-type: none"> ▪ Stem I: Foundation ▪ Stem II: Applications ▪ Stem III: STEM in Context ▪ Stem IV: STEM Practicum ▪ Engineering DE 	<ul style="list-style-type: none"> ▪ Computer Science Foundations ▪ Web Design Foundations ▪ Web Site Development ▪ Web Design Practicum ▪ Computer Science Principles AP 		<p>SDC = State Dual Credit DE = Dual Enrollment SEM = .5 credits 2HR = 2 credits</p>

Last Updated: 3/3/26

GRADUATION WITH HONORS & DISTINCTION

Bartlett High School Honors Diploma: A student can graduate with an [Honors Diploma](#) if he/she meets the graduation requirements identified on page 6 as well as the following:

- Are a member of the Bartlett High School Honors Academy;
- Earn 14 Honors units:
 - ▣ semester Honors course = .5 units
 - ▣ year-long Honors course = 1 unit
 - ▣ semester Statewide Dual Credit course = .5 units (*phased out after the 25-26 school year*)
 - ▣ year-long Statewide Dual Credit course = 1 unit (*phased out after the 25-26 school year*)
 - ▣ semester Dual Enrollment course = 1 unit
 - ▣ year-long Dual Enrollment course = 1.5 units
 - ▣ semester Advanced Placement (AP) course = 1 unit
 - ▣ year-long Advanced Placement (AP) course = 1.5 units
- A minimum of 3 Honors units each year;
- Maintain an unweighted 3.0 GPA; weighted 3.5 GPA
- Must complete 12 service hours each school year;
- Complete a Project of Impact during Senior year

Tennessee State Honors: Students who score at or above the subject area College Readiness Benchmarks on the ACT or SAT equivalent will graduate with [TN State Honors](#). A seal will be placed on the student's diploma. The ACT College Readiness Benchmarks are:

- English: 18
- Math: 22
- Reading: 22
- Science Reasoning: 23

Tennessee State Distinction: Students recognized as graduating with [TN State Distinction](#) will have a seal placed on their diploma. The requirements for graduating with State Distinction include attaining a 3.0 un-weighted or better average and completing one of the following:

- Earn a national and/or state recognized industry certification;
- Participate in at least one (1) of the Governor's Schools;
- Participate in one (1) of the state's All State musical organizations;
- Be selected as a National Merit Finalist or Semi-Finalist;
- Attain a score of thirty-one (31) or higher composite score on the ACT or SAT equivalent;
- Attain a score of three (3) or higher on at least two (2) AP exams;
- Earn twelve (12) or more semester hours of transcribed postsecondary credits

Industry 4.0 Diploma Distinction: This distinction is available for students starting with the Class of 2026 and developed for students who are interested in pursuing a career in a high-need, high-skill industry after graduation. Students who earn the Industry 4.0 Diploma Distinction will be more prepared to seamlessly transition into the workforce. Students must complete at least nine dual enrollment or work-based learning (WBL) credits aligned to their career goals. They will be required to complete monthly career coaching and counseling to better prepare them for the transition into the workforce. Students interested in this diploma distinction are obligated to notify the student's school counselor before the end of 10th grade.

GRADUATION WITH HONORS & DISTINCTION



WHAT IS THE SEAL OF BILITERACY?

The Seal of Biliteracy is an award given by a school, school district or country office of education in recognition of students who have studied and attained proficiency in two or more languages by high school graduation. The Seal of Biliteracy takes the form of a seal that appears on the transcript or diploma of the graduating senior and is a statement of accomplishment for future employers and for college admissions. In addition to the Seal of Biliteracy that marks attainment of high level mastery of two or more languages, schools and districts are also instituting Bilingual Pathway Awards. This award recognizes significant steps toward developing biliteracy along a student's trajectory from preschool into high school.

The purposes for instituting the Seal of Biliteracy and the Pathways to Biliteracy Awards are numerous:

- To encourage students to study languages.
- To certify attainment of Biliteracy skills.
- To recognize the value of language diversity.
- To provide employers with a method of identifying people with language and Biliteracy skills.
- To provide universities with a method to recognize and give credit to applicants for attainment of high level skills in multiple languages.
- To prepare students with 21st century skills that will benefit them in the labor market and the global society.
- To strengthen intergroup relationships and honor the multiple cultures and languages in a community.

What's required?

Requirements

- Complete all English language arts (ELA) requirements for graduation with an overall grade point average of 3.0 or higher in those classes;
- Demonstrate English proficiency on EOC exams, ACT, SAT or WIDA/ELPA21;
- Demonstrate proficiency in a world language by scoring Intermediate-Mid or higher in all three communication modes (interpersonal, interpretive, and presentational) on a world language proficiency assessment (STAMP or ALIRA Assessments)

Multiliteracy

Certificate of Multiliteracy

- Complete all requirements for the Seal of Biliteracy PLUS
- Demonstrate proficiency in a world language by scoring Intermediate-Mid or higher in all three communication modes (interpersonal, interpretive, and presentational) on a world language proficiency assessment (STAMP or ALIRA Assessments) in TWO language.

Which languages?

Languages

- Any language offered in Bartlett City Schools;
- Any home language for which an assessment is available;
- American Sign Language

Students may take an exam for more than one language should they believe they meet the criteria for multiple languages other than English.

There is a fee for the STAMP Assessment.

FOR MORE INFORMATION, CONTACT A WORLD LANGUAGE TEACHER AT YOUR SCHOOL!

Last Updated: 3/3/26



EARLY POSTSECONDARY OPPORTUNITIES

Early postsecondary opportunities (EPSOs) include a course and/or exam that give students a chance to obtain postsecondary credit while still in high school. **EPSOs allow students to:**

- become familiar with postsecondary rigor and expectations.
- develop confidence and skills for success in postsecondary learning.
- make informed postsecondary and career decisions.
- decrease the time and cost of completing a certificate or degree.



EPSO classes will also be indicated by the above BHS EPSO logo. SDC is being phased out after the 2025-2026 school year. Below is a chart to understand the EPSOs available at BHS. The next several pages will also detail EPSOs.

	<h1 style="font-size: 2em; margin: 0;">AP</h1> <p style="font-size: 0.8em; margin: 0;">Advanced Placement</p>	<h1 style="font-size: 2em; margin: 0;">DE</h1> <p style="font-size: 0.8em; margin: 0;">Dual Enrollment</p>	<h1 style="font-size: 2em; margin: 0;">LDC</h1> <p style="font-size: 0.8em; margin: 0;">Local Dual Credit</p>	<h1 style="font-size: 2em; margin: 0;">SDC</h1> <p style="font-size: 0.8em; margin: 0;">Statewide Dual Credit</p>	<h1 style="font-size: 2em; margin: 0;">IC</h1> <p style="font-size: 0.8em; margin: 0;">Industry Certification</p>
Description	<ul style="list-style-type: none"> ♦ College-level high school courses offered in multiple subjects ♦ Nationally recognized exams 	<ul style="list-style-type: none"> ♦ Postsecondary (PS) course taught at the PS institution, high school, or online ♦ Student enrolled in the PS institution 	<ul style="list-style-type: none"> ♦ High school course aligned to standards at local postsecondary (PS) institution ♦ Optional exam for credit at local PS institution 	<ul style="list-style-type: none"> ♦ High school course aligned to statewide postsecondary (PS) standards ♦ Required challenge exam for PS credit at TN institutions 	<ul style="list-style-type: none"> ♦ Assessment by an independent certifying entity based on standards for knowledge, skills, and competencies
Structure	Course and Exam	Course	Course and Exam	Course and Exam	Exam
Provider	The College Board	Individual TN PS Institutions	Individual TN PS Institutions	Tennessee Department of Education	Industry
Student Fees and Assistance	<ul style="list-style-type: none"> ♦ Exam fees ♦ College Board and state assistance for low-income students 	<ul style="list-style-type: none"> ♦ Course tuition, fees, books ♦ Dual Enrollment Grant (a lottery scholarship) 	<ul style="list-style-type: none"> ♦ Exam fees 	<ul style="list-style-type: none"> ♦ No cost to students 	<ul style="list-style-type: none"> ♦ Exam fees
High School Credit and Graduation Requirements	<ul style="list-style-type: none"> ♦ AP courses meet graduation requirements and/or elective 	<ul style="list-style-type: none"> ♦ District sets policy on awarding high school credit and graduation requirements 	<ul style="list-style-type: none"> ♦ LDC course fulfills the same requirements as aligned high school course 	<ul style="list-style-type: none"> ♦ SDC course fulfills the same requirements as aligned high school course 	<ul style="list-style-type: none"> ♦ IC is a program of study and does not meet graduation requirements
High School Recognition State Policies	<ul style="list-style-type: none"> ♦ Qualifies for graduation with state distinction ♦ Qualifies for GPA weighting 	<ul style="list-style-type: none"> ♦ Qualifies for graduation with state distinction 		<ul style="list-style-type: none"> ♦ Qualifies for GPA weighting 	<ul style="list-style-type: none"> ♦ Qualifies for graduation with state distinction
Postsecondary Credit Determinant	<ul style="list-style-type: none"> ♦ Score on AP exam 	<ul style="list-style-type: none"> ♦ Dual enrollment course completion ♦ Passing grade as assigned by PS instructor 	<ul style="list-style-type: none"> ♦ Score on challenge exam at or above the established cut score 	<ul style="list-style-type: none"> ♦ Score on challenge exam at or above the established cut score 	<ul style="list-style-type: none"> ♦ Score on industry certification exam
Postsecondary Credit Awarded	<ul style="list-style-type: none"> ♦ Determined by postsecondary institutions ♦ Awarded upon matriculation 	<ul style="list-style-type: none"> ♦ Credit awarded on PS transcript upon course completion ♦ Credit can be transferred to other PS institutions 	<ul style="list-style-type: none"> ♦ Credit accepted at the partnering PS institution ♦ Students should notify registrar upon matriculation 	<ul style="list-style-type: none"> ♦ Credit accepted at all TN PS institutions ♦ Students should notify registrar upon matriculation 	<ul style="list-style-type: none"> ♦ Determined by postsecondary institutions

ADVANCED PLACEMENT

Bartlett High School participates in College Board's nationally recognized Advanced Placement (AP) program. Excellent study habits and a strong foundation in the specific discipline are necessary for success in these classes. AP courses provide college level instruction in several areas that help prepare students for the rigorous coursework encountered in college.

AP stands for clarity and transparency. Teachers and students deserve clear expectations. The Advanced Placement Program makes public its course frameworks and sample assessments. Confusion about what is permitted in the classroom disrupts teachers and students as they navigate demanding work.

AP is an unflinching encounter with evidence. AP courses enable students to develop as independent thinkers and to draw their own conclusions. Evidence and the scientific method are the starting place for conversations in AP courses.

AP opposes censorship. AP is animated by a deep respect for the intellectual freedom of teachers and students alike. If a school bans required topics from their AP courses, the AP Program removes the AP designation from that course and its inclusion in the AP Course Ledger provided to colleges and universities. For example, the concepts of evolution are at the heart of college biology, and a course that neglects such concepts does not pass muster as AP Biology.

AP opposes indoctrination. AP students are expected to analyze different perspectives from their own, and no points on an AP Exam are awarded for agreement with a viewpoint. AP students are not required to feel certain ways about themselves or the course content. AP courses instead develop students' abilities to assess the credibility of sources, draw conclusions, and make up their own minds. As the AP English Literature course description states: "AP students are not expected or asked to subscribe to any one specific set of cultural or political values, but are expected to have the maturity to analyze perspectives different from their own and to question the meaning, purpose, or effect of such content within the literary work as a whole.

AP courses foster an open-minded approach to the histories and cultures of different peoples. The study of different nationalities, cultures, religions, races, and ethnicities is essential within a variety of academic disciplines. AP courses ground such studies in primary sources so that students can evaluate experiences and evidence for themselves.

Every AP student who engages with evidence is listened to and respected. Students are encouraged to evaluate arguments but not one another. AP classrooms respect diversity in backgrounds, experiences, and viewpoints. The perspectives and contributions of the full range of AP students are sought and considered. Respectful debate of ideas is cultivated and protected; personal attacks have no place in AP.

AP is a choice for parents and students. Parents and students freely choose to enroll in AP courses. Course descriptions are available online for parents and students to inform their choice. Parents do not define which college-level topics are suitable within AP courses; AP course and exam materials are crafted by committees of professors and other expert educators in each field. AP courses and exams are then further validated by the American Council on Education and studies that confirm the use of AP scores for college credits by thousands of colleges and universities nationwide.

ADVANCED PLACEMENT

In May of each year, students take the AP exam written, administered, and graded by the College Board. If you score a 3 or higher (on a scale of 1–5), you *could* earn college credit, skip intro-level courses, or both, at thousands of U.S. colleges and universities. Earning credit in high school means paying for fewer credits in college. The score on this exam will not affect a student's grade in the course. **Each AP exam requires a \$105.00 fee that is required to be paid by November 1, 2026.** Per Board Policy: Students who do not pay for and/or take the AP exam in May, will have the additional weighting removed that is used to calculate grade point averages. This could not only affect the student's grade, but also his/her class ranking.

ADVANCED PLACEMENT COURSE OFFERINGS @ BHS:

Biology AP
 Calculus AB AP
 Chemistry AP
 Computer Science Principles AP
 English Language & Composition AP
 English Literature & Composition AP
 Environmental Science AP
 European History AP
 French Language & Culture AP
 Human Geography AP
 Macroeconomics AP *
 Psychology AP
 Spanish Language & Culture AP
 Statistics AP
 Studio Art: 2-D Design AP
 Studio Art: Drawing AP
 U.S. Government & Politics AP *
 U.S. History AP

***Please note these courses meet 2nd Semester ONLY**

AP[®]



CollegeBoard

ADVANCED PLACEMENT

To see how AP credits will be applied at the University of Memphis, see the table below. University of Memphis last updated this in August 2024.

AP Class at BHS	Score on AP Exam	Credit Given by Univ. of Memphis	Semester Hours Given by Univ. of Memphis
Art Drawing and Studio	3, 4, 5	See Dept. Chair	3
Biology	3	Biology 1010/1011, BIOL 1XXX Non Biology Majors w/lab	4, 4
Biology	4, 5	Biology 1010/1011, BIOL 1XXX Biology Majors w/lab	4, 4
Calculus AB	3	MATH 1830	3
Calculus AB	4, 5	MATH 1910	4
Chemistry	3	CHEM 1010/1011	4
Chemistry	4	CHEM 1110/1111	4
Chemistry	5	CHEM 1110/1111, 1120/1121	4, 4
Computer Science Principles	3, 4, 5	COMP 1000	3
Economics - Macro	3, 4, 5	ECON 2010	3
English Language	3	ENGL 1010	3
English Language	4, 5	ENGL 1010, ENGL 1020	3, 3
English Literature	3	ENGL 1010	3
English Literature	4, 5	ENGL 1010, ENGL 1020	3, 3
Environmental Science	3, 4, 5	ENVR lower division	4
European History	3, 4, 5	History lower division	3
French Language & Culture	3	FREN 1010, 1020	3, 3
French Language & Culture	4	FREN 1010, 1020, 2010	3, 3, 3
French Language & Culture	5	FREN 1010, 1020, 2010, 2020	3, 3, 3, 3
Human Geography	3, 4, 5	ESCI 1401	3
Psychology	3	PSYC lower division	3
Psychology	4, 5	PSYC 1030	3
Spanish Language & Culture	3	SPAN 1010, 1020	3, 3
Spanish Language & Culture	4	SPAN 1010, 1020, 2010	3, 3, 3
Spanish Language & Culture	5	SPAN 1010, 1020, 2010, 2020	3, 3, 3, 3
Statistics	3, 4, 5	MATH 1530	3
U.S. Government	3	POLS 1030	3
U.S. Government	4, 5	POLS 1030, POLS lower division	3, 3
U.S. History	3	HIST 2020	3
U.S. History	4, 5	HIST 2010, 2020	3, 3

For all other Colleges and Universities that offer credit or placement for AP scores by visiting <https://apstudents.collegeboard.org/getting-credit-placement/search-policies>.

DUAL ENROLLMENT

Dual Enrollment is when a high school student receives credit at two institutions simultaneously. At the high school level, the class is applied toward their high school diploma, while at the collegiate level, they are receiving hours toward their college diploma. Please see each course description for pre-requisites.

Students are required to maintain a "2.0" college average in the class to continue receiving funding from the State of Tennessee's lottery funds. The 2.0 college average is in accordance with the post-secondary institutions grading system. Students who fall below a "2.0" college average, will be placed in the high school equivalent course for 2nd semester. Funding amounts are subject to change.

For more information Dual Enrollment Programs offered on BHS campus please visit:

- <https://www.memphis.edu/dualenrollment/> University of Memphis
- <https://tcatmemphis.edu/future-students/dual-enrollment> TCAT

DUAL ENROLLMENT COURSE OFFERINGS @ BHS:

- **ENGL 1010 - English Composition** through U of Memphis – first semester of BHS's English 12 Dual Enrollment course
- **ENGL 1020 - English Composition and Analysis** through U of Memphis – second semester of BHS's English 12 Dual Enrollment course
- **ENGR 1009 - Prep Math for Engineering** through U of Memphis – first semester of BHS's Engineering Dual Enrollment course
- **ENGR 1010 - Engineering Problem Solving** through U of Memphis – second semester of BHS's Engineering Dual Enrollment course
- **HRPM 2012 – Introduction to Culinary Arts** through U of Memphis – first semester of BHS's Culinary Arts 3 Dual Enrollment Dual Enrollment course
- **HRPM 2016 – Essentials of Pastry & Baking** through U of Memphis – second semester of BHS's Culinary Arts 3 Dual Enrollment Dual Enrollment course
- **MATH 1710 - College Algebra** through U of Memphis – first semester of BHS's College Algebra & Elementary Calculus Dual Enrollment course
- **MATH 1830 - Elementary Calculus** through U of Memphis – second semester of BHS's College Algebra & Elementary Calculus Dual Enrollment course
- **Principles of Machining** through TCAT
- **UNIV 1500 - Career Skill Build/Workforce** through U of Memphis – second semester of BHS's Coding Practicum course; second semester of BHS's STEM IV Practicum course
- **UNIV 2555 – Introduction to Creativity, Innovation and Design** through U of Memphis – first semester of BHS's Entrepreneurship course



LOCAL DUAL CREDIT (LDC)

Local Dual Credit (LDC) is a high school course aligned to a local postsecondary institution's course. Students can earn credits that are accepted and/or recognized at the local postsecondary institution. Courses are taught by licensed high school teachers approved by the school system and the postsecondary institution. All the classes listed below under LDC are recognized by TCAT, with the exception of Personal Finance, which is recognized by Southwest Tennessee Community College. **These classes do not require an Honors Contract to be completed.**

LOCAL DUAL CREDIT (LDC) COURSE OFFERINGS @ BHS:

- Clinical Internship
- Coding Practicum
- Cosmetology II, III
- Culinary III
- Digital Arts & Design II, III
- Maintenance & Light Repair II, III
- Personal Finance
- Principles of Machining I, II
- Principles of Manufacturing
- STEM IV Practicum
- Web Design Practicum
- Web Site Development

HONORS CONTRACTS

The faculty and administration of Bartlett High School feel a student's academic success is directly related to correct placement in courses. Incorrect placement may result in poor performance and frustration for all concerned. Thus, Bartlett High School has published a contract of course expectations for Honors/Pre-AP, Dual Enrollment, Advanced Placement (AP) courses and we require a teacher's signature of recommendation for these courses. Additionally, students and their parents will sign off that they understand by registering for Honors/Pre-AP, Dual Enrollment and/or AP courses, the student is committing to a rigorous educational experience and is willing to put forth the effort necessary to succeed in the class. The contract indicates students will not be allowed to drop the course, even if the course adversely affects their GPA or class rank. **Contracts can be found on the BHS Website under Main Campus -> Guidance -> Course Selection for 2026-2027.**

NEW COURSE OFFERINGS



	PAGE
Landscaping 1: Principles of Plant Science	52

COURSE FEES

A number of courses have class fees and is indicated in the course description. For a listing of approved fees and the amount, please visit www.bartlettschools.org -> DEPARTMENTS -> FINANCE DEPARTMENT and click on High School Fees. The posted amount is subject to change pending school year.

CLASS ADD / DROP PROCEDURES

Course selections should be made with careful consideration. The following rules and deadlines apply regarding a student-initiated request to drop a course.

1

REQUIRED COURSES may NOT be dropped.

2

A procedure for dropping an Honors, Pre-AP, Dual and/or AP course (after classes have begun) must be followed. To do so, the student must have approval from the Vice Principal and/or Principal.

3

Students and parents who change their minds regarding classes for the next school year must submit the request no later than the last day of school on **Thursday, May 22, 2026**. This request may be submitted by email to the grade level counselor.

4

Once classes have begun, students may add a class within two weeks (if the student has a study hall in their schedule) and may drop a class (follow procedure) within the first four weeks.

5

All students must be enrolled in seven courses.

6

Only one study hall per semester is permitted based on maximum enrollment.

ENGLISH

Information about summer reading will be posted on the BHS website in mid-May.

ENGLISH 10**Grade Level: 10****1 Credit / Year Long****Prerequisite(s): English 9**

English 10 is designed for the student who is functioning at grade level. Emphasis is placed on the development of grammar skills in writing and speaking. This prepares a student for the job market or post-secondary education.

ENGLISH 10 HONORS**Grade Level: 10****Course Weight: 0.5****1 Credit / Year Long**

Prerequisite(s): ♦ 90 or higher recommended in English 9 course
♦ Honors Contract signed by parent and student

English 10 Honors is a class for self-motivated students who want a challenge in English. This class researches, moves quickly, and covers material from the text and outside sources.

PRE-AP ENGLISH 10**Grade Level: 10****Course Weight: 0.5****1 Credit / Year Long**

Prerequisite(s): ♦ 90 or higher recommended in English 9 course
♦ Honors Contract signed by parent and student

Pre-AP English 10 is designed for students who display an unusual aptitude for reading, writing, and speaking the English language. Self-motivation and self-discipline are essential factors for success. The students must be capable of mastering logic and reasoning skills necessary for advanced composition and reading analysis. Advanced Placement vocabulary and reading skills are further enhanced along with research and grammar skills. During the school year, outside readings are required.

ENGLISH 11**Grade Level: 11****1 Credit / Year Long****Prerequisite(s): English 10**

English 11 is a chronological survey of American literature. This course deals with the strengthening of vocabulary, grammar, and literary related composition skills.

ENGLISH 11 HONORS**Grade Level: 11****Course Weight: 0.5****1 Credit / Year Long**

Prerequisite(s): ♦ 90 or higher recommended in English 10 course
♦ Honors Contract signed by parent and student

English 11 Honors is a chronological and comparative study of American literature and its relationship to American history with emphasis on analytical skills and interpretation of literary works. It includes a brief review of grammar relating to the writing of two research papers and an in-depth study of vocabulary and analogies taken from ACT and SAT tests.

ENGLISH 11 AP (LANGUAGE & COMPOSITION)**Grade Level: 11****Course Weight: 1.0****1 Credit / Year Long**

Prerequisite(s): ♦ 90 or higher recommended in English 10 course
♦ AP Contract signed by parent and student

Advanced Placement (AP) English Language and Composition is a course recommended for any student planning on attending a four-year university. Emphasis is on wide vocabulary, logical organization, specific writing styles, and good use of detail. The main purpose of the course is to enable students to write effectively and confidently in their college courses across the curriculum and in their professional and private lives. Students who take AP Language and Composition are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**



ENGLISH

Summer reading will be posted on the BHS website in mid-May.

ENGLISH 12

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): English 11

This course focuses on a chronological survey of British literature with an emphasis on the writing process. The composition program culminates with the compilation of a research paper.

ENGLISH 12 HONORS

Grade Level: 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in English 11 course

♦ Honors Contract signed by parent and student

English 12 Honors focuses on a chronological survey of British literature with an emphasis on the writing process. This course provides additional rigor to the standard course curriculum that is intended to challenge the students in all areas.

ENGLISH 12 DUAL ENROLLMENT: The University of Memphis's ENGL 1010 and 1020

Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in English 11 course

♦ Dual Enrollment Contract signed by parent and student

♦ Admission to the University of Memphis

♦ **Minimum 19 composite score on ACT; minimum 18 English sub-score on ACT**

♦ **100 admissions index score: 30 times the high school GPA (based on a 4.0 scale) plus the composite ACT score. Example: high school GPA of a 2.85 X 30 = 85.5 + 19 = 104.5**

The Dual Enrollment program offers English 1010 and 1020 from The University of Memphis on Bartlett HS campus. Both 1010 and 1020 are rigorous writing courses requiring regular reading and frequent essays. Because these are actual college courses, the student's work ethic and maturity should be equivalent to that of a first-year college student. Grades may transfer to public universities and some private colleges. If there are questions, students should inquire with the universities/colleges of their choice. Whether or not the course is accepted for college credit, this class is a great introduction to higher level academic writing, reading, and thinking. Additional fees for books and materials may be required at teacher's discretion. Six (6) hours of college credit is possible.



COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

- ♦ ENGL 1010 - English Composition: 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: Practice in expository writing that synthesizes ideas from various readings. Includes library work and production of documented papers.



Last Updated: 3/3/26

ENGLISH

Summer reading will be posted on the BHS website in mid-May.

ENGLISH 12 AP (LITERATURE & COMPOSITION)


Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in English 11 course

♦ AP Contract signed by parent and student

 Advanced Placement (AP) English Literature and Composition is a course recommended for any student planning to attend a four-year university. This challenging curriculum focuses on the process of writing and the study of literature, with emphasis on drama and a survey of British and American literature. Specified summer readings are required. Students who take AP Literature and Composition are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

ENGLISH ELECTIVES

ACT PREP

Grade Level: 10, 11, 12

½ Elective Credit / 1 Semester

Prerequisite(s): None

This class is a computerized online course. ACT Test Prep is a semester course designed to help prepare college bound students score well on their ACT test or raise their score in math, English, and reading areas. This course will familiarize students with the test format and content in those areas so they will know what to expect when they take the ACT. The course will provide instruction to refresh the student's knowledge and skills in math, English, and reading subtest areas. A considerable amount of time will be spent on test taking techniques: understanding what a question is asking, pacing, and strategies for guessing. 10th graders are encouraged to take ACT Test Prep if they plan on taking the ACT during their sophomore year. **There is a Course Fee for this class.**

CREATIVE WRITING

Grade Level: 10, 11, 12

½ Elective Credit / 1 Semester

Prerequisite(s): "C" average in English

Creative Writing is a personal, experiential writing course in which students will model their own writing after published works studied in two basic genres: fiction (the short story) and poetry. The course is conducted in a writers' workshop format. It is designed for those who enjoy writing. Students must be able to type and have good attendance.

ADVANCED CREATIVE WRITING

Grade Level: 11, 12

½ Elective Credit / 1 Semester

Prerequisite(s): Creative Writing

Advanced Creative Writing is a course to be taken after the completion of Creative Writing. This workshop style course will focus on weekly constructive critiquing forums and assignments leading up to the construction of a finalized writing piece which will dominate the second half of the semester. The reveal of this piece will be during the first week of the course. For the first half of the semester, writing activities and assignments to further student writing style and maturity will be concentrated in two focus areas: prose-fiction (reading, emulating and creating fictional works with significant word counts) and poetry (confessional/non-fiction and fiction; reading, emulating and creating personal works).

ENGLISH ELECTIVES

ETYMOLOGY HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

½ Elective Credit / 1 Semester

Prerequisite(s): ♦ 90 or higher recommended in current English course

♦ **Honors Contract signed by parent and student**

Etymology is designed to instruct students to recognize Latin and Greek word elements, making the knowledge of them an effective tool for increasing vocabulary. The student is expected to be able to analyze words fully and 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 the history of ideas.

ENGLISH AS A SECOND LANGUAGE 10

ENGLISH AS A SECOND LANGUAGE 11

ENGLISH AS A SECOND LANGUAGE 12

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): **Approved through Guidance**

English as a Second Language (ESL) is for students with limited English proficiency whose parents have permanently relocated to the United States. English as a Second Language is designed to help meet the communicative needs of daily living. The areas of instruction include reading, listening, thinking, oral communication, and written communication. Instruction focuses on the development of skills in grammar, literature, spelling, handwriting, creative writing, listening, and thinking. Correlation of language arts with other areas is also integral to this class.

JOURNALISM / YEARBOOK

Grade Level: 10, 11, 12

1 Elective Credit / Year Long

Prerequisite(s): **Application – See BHS Website -> Main Campus -> Guidance -> Course Selection for 2026-27**

Journalism/Yearbook offers students the opportunity to employ skills learned in various classes including English, math, business, and art. In this class, students design pages, take photographs, write copy, and enter the copy in the computer. They are responsible for raising funds necessary to publish the book. In addition, a select group of students from the staff produce a literary magazine. A good background in English is strongly recommended.

This course may be taken multiple years. Please note: currently enrolled Yearbook students do not need to reapply.

MYTHOLOGY

Grade Level: 10, 11, 12

½ Elective Credit / 1 Semester

Prerequisite(s): **None**

The course includes the study of mythologies of major world civilizations. It provides a background in mythology to help students understand allusions in the writing of many great western writers; it demonstrates the influence of mythology on the origins of some words in the English language; it connects mythology with the study of scientific phenomena; and finally, it explores universal truths and connections among mythologies of diverse cultures.



Last Updated: 3/3/26

MATHEMATICS

PLEASE NOTE: TI-84 Plus is the official calculator for all mathematics courses unless otherwise indicated.

ALGEBRA IB**Grade Level:** 10**1 Credit / Year Long****Prerequisite(s):** Specific IEP Stipulations

This class is designed to allow the student to earn required credits.

GEOMETRY IA / IB**Grade Level:** 11, 12**1 Credit / Year Long****Prerequisite(s):** Specific IEP Stipulations

This class is designed to allow the student to earn required credits.

GEOMETRY**Grade Level:** 10, 11**1 Credit / Year Long****Prerequisite(s):** Algebra I

Geometry investigates mathematics using inductive and deductive reasoning. Geometric problems include proofs, properties of geometric figures, and area and volume formulas.

GEOMETRY HONORS**Grade Level:** 10, 11**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ 90 or higher recommended in Algebra I course

♦ Honors Contract signed by parent and student

Geometry Honors is designed for the advanced math student with emphasis on critical thinking and analytical skills. Problem solving and synthesis of materials are areas where students will be challenged.

ALGEBRA II**Grade Level:** 10, 11**1 Credit / Year Long****Prerequisite(s):** Algebra I

This course is a continuation of Algebra I. Topics are treated with more detail and depth. In addition, the content includes a study of number systems, relations and functions, matrices, exponents and logarithms, quadratic relations, systems of equations and inequalities, probability and statistics, and rational expressions.

ALGEBRA II HONORS**Grade Level:** 10, 11**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ 90 or higher recommended in Algebra I

♦ Honors Contract signed by parent and student

Algebra II Honors is for students who have mastered Algebra I and Geometry skills and desire a more challenging approach to Algebra II. Students should plan to take Pre-Calculus and AP Calculus in high school.

MATHEMATICAL REASONING FOR DECISION MAKING**Grade Level:** 12**1 Credit / Year Long****Prerequisite(s):** ♦ Geometry, Algebra II

Applications and modeling using mathematics are the primary foci of this course. Throughout the course, students explore mathematical content in the context of applications to the real-world. Topics will build upon previous knowledge requiring students to reason, solve, and represent math concepts in multiple ways, encouraging the use of math to answer problems students will encounter in life. This course is best intended for students who are planning to attend a technical school, military service, or enter the workforce immediately following graduation.

MATHEMATICS

PRE-CALCULUS

Grade Level: 11, 12

1 Credit / Year Long

Prerequisites: Geometry and Algebra II

Pre-Calculus focuses on pulling together previous mathematics courses, with an emphasis on analyzing functions, including trigonometric functions. Use of graphing calculators will be integral to the course.

PRE-CALCULUS HONORS

Grade Level: 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ Geometry, Algebra II

- ♦ 90 or higher recommended in Algebra II course
- ♦ Honors Contract signed by parent and student

This course both encompasses and extends topics and concepts of intermediate algebra. It includes topics such as advanced trigonometry, conic sections, polar coordinates, complex numbers, various types of functions, and sequences and series. Greater emphasis is placed on technological devices, such as a CAS graphing calculator. **The official calculator for this course is the TI-89.**

COLLEGE ALGEBRA & ELEMENTARY CALCULUS DUAL ENROLLMENT: The University of Memphis's MATH 1710 & 1830

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ Geometry, Algebra II

- ♦ 90 or higher recommended in current Math course
- ♦ Dual Enrollment Contract signed by parent and student
- ♦ Admission to the University of Memphis
- ♦ **Minimum 19 composite score on ACT; minimum 19 Math sub-score on ACT**
- ♦ **100 admissions index score: 30 times the high school GPA (based on a 4.0 scale) plus the composite ACT score. Example: high school GPA of a 2.85 X 30 = 85.5 + 19 = 104.5**

This math fulfills the fourth-year requirement for graduation and allows the student the opportunity to gain hours toward a college degree. Students will be deemed eligible to take this course through an application process. Students are required to purchase the textbook for first and second semesters. A graphing calculator is also required for this course. Additional fees may be required at teacher's discretion. Six (6) hours college credit is possible with success and fee payment for both semesters.



COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

- ♦ MATH 1710 - College Algebra: Analysis of functions (linear, quadratic, polynomial, root, rational, exponential, logarithmic) using graphing calculators; partial fractions; conic sections; theory of equations; inequalities; applications.
- ♦ MATH 1830 - Elementary Calculus: Introduction to concepts and methods of elementary calculus of one real variable as related to rational, exponential, and logarithmic functions; nature of derivatives; differentiation; application of derivative; nature of integration: definite integral; applications of definite integral.

CALCULUS / STATISTICS

Grade Level: 11, 12

½ Credit Each / 1 Semester Each

Prerequisite(s): Pre-Calculus

This is a combination class, but it can be taken in single semesters, one of calculus, and one of statistics. This is not an Honors class. The class is designed to be an introduction to calculus and an introduction to statistics.

MATHEMATICS

CALCULUS AB AP

Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

- Prerequisite(s):
- ◆ Pre-Calculus Honors or College Algebra & Elementary Calculus DE
 - ◆ 90 or higher recommended in Pre-Calculus Honors
 - ◆ AP Contract signed by parent and student



Advanced Placement (AP) Calculus AB consists of a full academic year of work in calculus and related topics comparable to a college calculus course. This course is designed to provide students with foundations in both differential and integral calculus including applications of each. The content includes analytic preparation, functions, limits, derivatives, integrals, and transcendental functions. Students who take AP Calculus AB are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. The required calculator for this course is the TI-89.**

STATISTICS AP

Grade Level: 12

Course Weight: 1.0

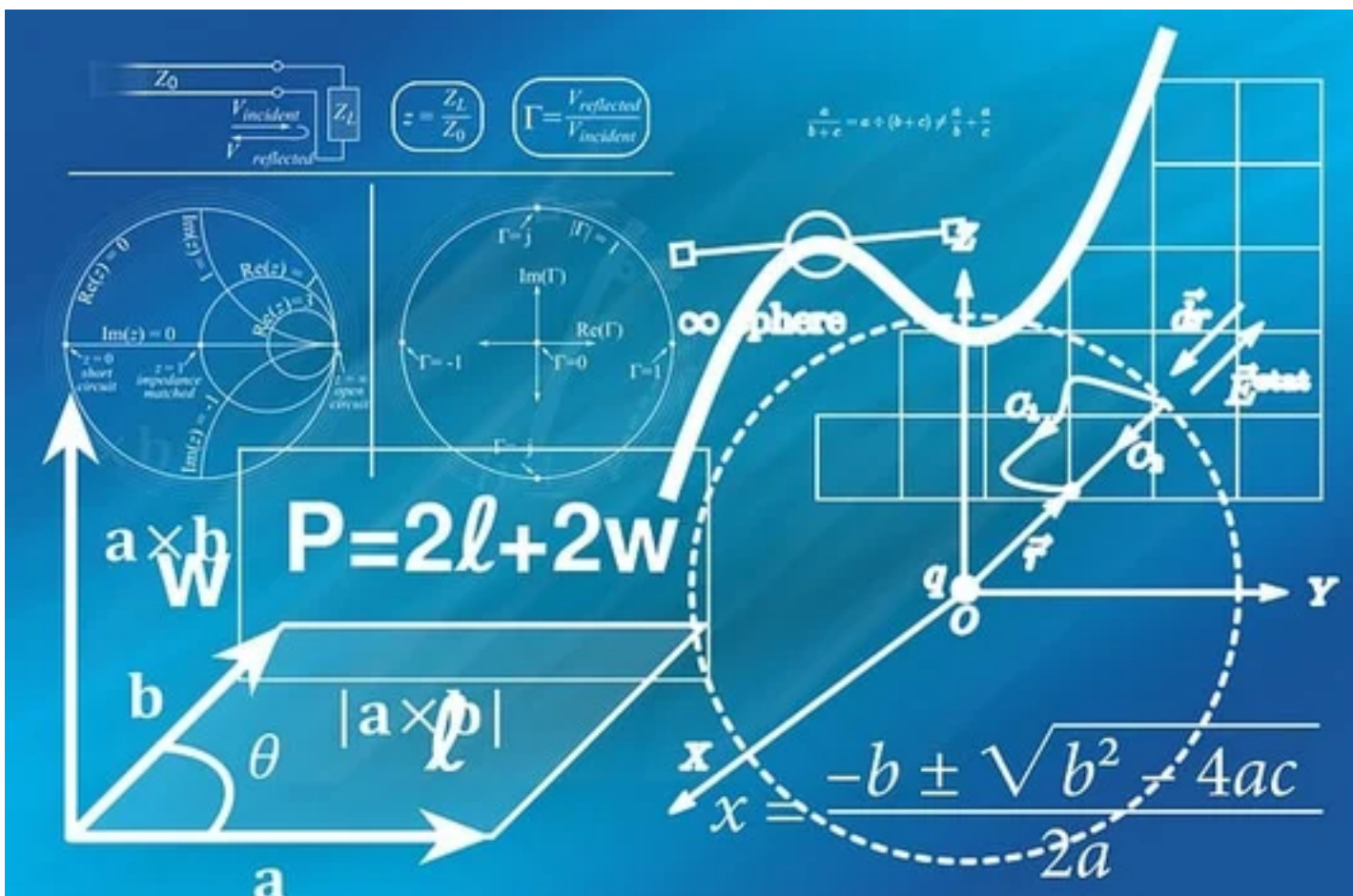
1 Credit / Year Long

- Prerequisite(s):
- ◆ 90 or higher recommended in current Math course
 - ◆ AP Contract signed by parent and student



Advanced Placement (AP) Statistics is a college level mathematics course. The topics are divided into four major themes: (1) exploratory analysis, (2) planning and conducting a study, (3) probability, and (4) statistical inference. Students who take AP Statistics are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

2026.



SCIENCE

BIOLOGY IA / 1B

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): Specific IEP Requirements

This class is designed to allow students to earn the required number of science credits. **There is a Course Fee for this class.**

BIOLOGY I

Grade Level: 10

1 Credit / Year Long

Prerequisite(s): None

Biology is the study of living organisms and their relationships to one another within the environment. Laboratory study is an important part of the course where students gain “hands-on” experience. Classroom discussions, projects, and individual/group work also help students see connections in the living world. **There is a Course Fee for this class.**

BIOLOGY I HONORS

Grade Level: 10

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Physical Science

♦ Honors Contract signed by parent and student

Biology Honors is an accelerated laboratory/class discussion course for the highly motivated and academically talented science student. This course requires more rigorous classwork and strong reading comprehension skills. Scientific writing and problem solving are integrated into the coursework. It encompasses the study of the structures unique to life, the environment, the interactions of organisms, and the patterns of matter and energy. Students will examine, experiment, and make conclusions about various biological topics. *Students with a Physical Science credit from 8th Grade will take Biology Honors as their first required science credit. **There is a Course Fee for this class.**

BIOLOGY AP

Grade Level: 11, 12

Course Weight: 1.0

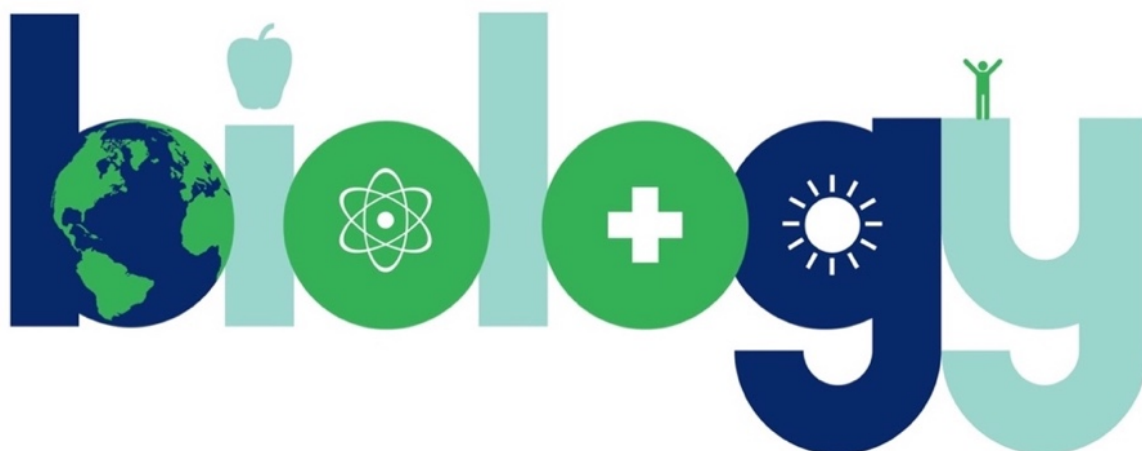
1 Credit / Year Long

Prerequisite(s): ♦ Biology I, Chemistry I

♦ 90 or higher recommended in current Science course

♦ AP Contract signed by parent and student

Advanced Placement (AP) Biology is equivalent to a two-semester college biology course. This course presents a fantastic opportunity to expand knowledge of the biological sciences, to hone laboratory techniques and writing, and to develop skills, habits, and knowledge that will prepare one for success at the university level and beyond. Three general areas of content are covered with extensive laboratory exercises: (1) molecules and cells, (2) genetics and evolution, (3) organisms and populations. Students who take AP Biology are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. There is an additional Course Fee for this class.**



SCIENCE

CHEMISTRY I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Concurrently enrolled in Geometry or Algebra II

Chemistry is the study of the properties of matter and the changes it undergoes with an emphasis on quantitative and critical thinking skills using laboratory activities, class discussions, and projects. Chemistry follows biology in the course sequence established by the Tennessee Diploma Project. **There is a Course Fee for this class.**

CHEMISTRY I HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ Concurrently enrolled in Algebra II

- ♦ 90 or higher recommended in current Science course
- ♦ Honors Contract signed by parent and student

Chemistry Honors is a more extensive and in-depth study of matter and energy designed to meet the needs of independent, highly motivated learners. In addition to frequent laboratory exercises and higher-level questioning, the Honors student is expected to complete more writing tasks and presentation projects. **There is a Course Fee for this class.**

CHEMISTRY AP

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ Chemistry I

- ♦ 90 or higher recommended in current Science course
- ♦ AP Contract signed by parent and student

Advanced Placement (AP) Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The course is structured around the six big ideas of the AP Chemistry curriculum framework provided by the College Board. A special emphasis is placed on the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. Students who take AP Chemistry are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. There is an additional Course Fee for this class.**



ENVIRONMENTAL SCIENCE

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): None

Environmental Science is a hands-on laboratory science elective designed to offer a balanced approach to the diverse study of our environment. The emphasis in this program is the study of science and improving student awareness of the environmental problems we face now and will be facing in the future. Student decision making and problem-solving skills will improve as their knowledge of environmental issues progress.

ENVIRONMENTAL SCIENCE AP

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ Physical Science, Environmental Science or Chemistry

- ♦ 90 or higher recommended in current Science course
- ♦ AP Contract signed by parent and student

Advanced Placement (AP) Environmental Science is interdisciplinary in nature with a strong basis in Ecology. It also applies other sciences, including social sciences, in attempting to understand the interrelationships of the natural world and to identify and solve problems caused by mankind's use of the natural world. The goal of this full year course is to identify and analyze environmental problems, consider consequences, and explore alternatives as resolutions or preventative measures. Students who take AP Environmental Science are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**



SCIENCE

HUMAN ANATOMY AND PHYSIOLOGY

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): **Biology**

Anatomy and Physiology is a study of the structure and function of the various systems of the human body. As a science elective, emphasis will be on the major systems and how they coordinate activities to maintain a healthy body. **There is a Course Fee for this class.**

PHYSICS HONORS

Grade Level: 11, 12

Course Weight: 0.5

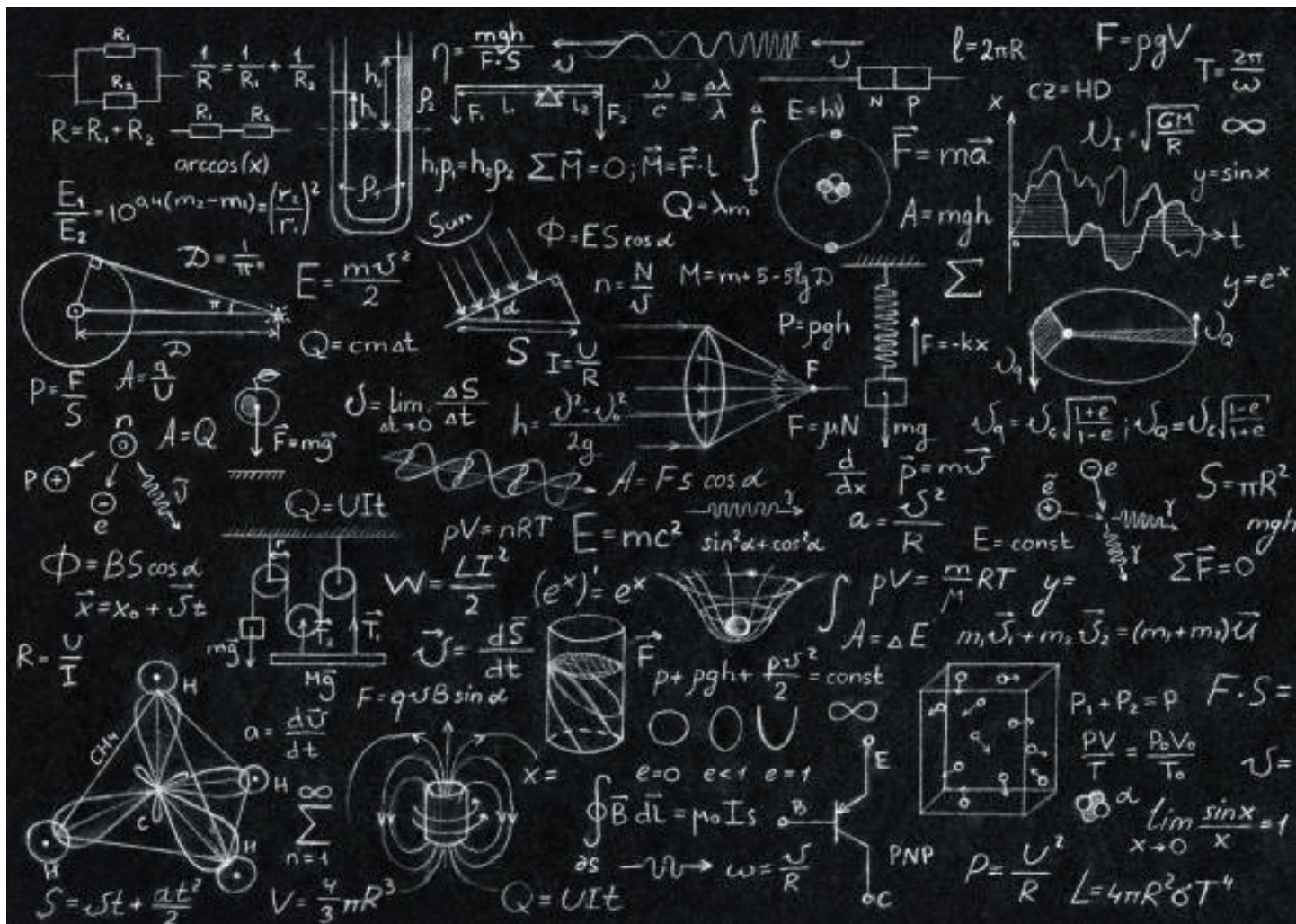
1 Credit / Year Long

Prerequisite(s): ♦ **Geometry and currently enrolled in Algebra II**

♦ **90 or higher recommended in current Science course**

♦ **Honors Contract signed by parent and student**

Conceptual physics is emphasized in this course to foster an understanding of our physical environment. Students study the relationship between matter and energy. Metric measurement and mathematical techniques are applied to solve problems using the scientific method. Laboratory experiences are included in this course of study.



SOCIAL STUDIES

WORLD HISTORY & GEOGRAPHY

Grade Level: 10

1 Credit / Year Long

Prerequisite(s): None

Students will study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. Relevant Tennessee connections will be part of the curriculum, as well as appropriate primary source documents. Students will explore geographic influences on history, with attention given to political boundaries that developed with the evolution of nations from 1750 to the present and the subsequent human geographic issues that dominate the global community. Additionally, students will study aspects of technical geography, such as GPS and GIS, and how these innovations continuously impact geopolitics in the contemporary world.

WORLD HISTORY & GEOGRAPHY HONORS

Grade Level: 10

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in current English 9 course
♦ Honors Contract signed by parent and student

World History & Geography Honors follows the standard World History and Geography curriculum but places a greater emphasis on reading and critical thinking skills, research, and outside independent study.

U.S. HISTORY & GEOGRAPHY

Grade Level: 11

1 Credit / Year Long

Prerequisite(s): None

Students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish-American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American life. Students will learn about the Cold War, Civil Rights Movement, Great Society, and the consequences of these topics into the late 20th Century. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society.

U.S. HISTORY & GEOGRAPHY HONORS

Grade Level: 10, 11

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in World History course
♦ Honors Contract signed by parent and student

U.S. History & Geography Honors intensively examines the development and changes of American history from the Reconstruction Era in 1865 through the events of the present. The course covers the social, political, cultural, military, economic, and diplomatic aspects of the time periods. In addition to developing a deeper understanding of the relationship between our nation's past, present, and future, one of the primary goals of U.S. History Honors is to create a learning environment where students can take ownership of their own learning process. Students can expect this course to be fast-paced and require them to use higher-level thinking skills. Students will be expected to compare, contrast, construct, argue, evaluate, infer, deduce, analyze, interpret, criticize, apply, synthesize, explain, justify, summarize, revise, write, and test. It will be imperative students are prepared to be challenged and work diligently. This is a college preparatory class and will include the writing of historical argument papers, as well as historical debates.



Last Updated: 3/3/26

SOCIAL STUDIES

U.S. HISTORY AP

Grade Level: 11, 12

Course Weight: 1.0

1 U.S. HISTORY Credit / Year Long

Prerequisite(s): ♦ Students must have completed U.S. History Honors in the 10th grade or U.S. History in the 11th grade

- ♦ 90 or higher recommended in U.S. History Honors
- ♦ AP Contract signed by parent and student



Advanced Placement (AP) 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 be required to purchase supplementary materials. Students who take AP U.S. History are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

ECONOMICS

Grade Level: 12

½ Credit / 1 Semester

Prerequisite(s): None

The economic system of the United States is compared to other economic systems with emphasis on how each determines what is to be produced, who will produce goods and services, and how they will be distributed.

ECONOMICS HONORS

Grade Level: 12

½ Credit / 1 Semester

Prerequisite(s): ♦ 90 or higher recommended in U.S. History course

- ♦ Honors Contract signed by parent and student

Economics Honors follows the standard Economics curriculum, but places a greater emphasis on reading and critical thinking skills, research, and outside independent study.

MACROECONOMICS AP

Grade Level: 12

Course Weight: 1.0

½ Credit / 1 Semester

Prerequisite(s): ♦ 90 or higher recommended in U.S. History course

- ♦ AP Contract signed by parent and student



This class is scheduled for 2nd Semester only. Advanced Placement (AP) Macroeconomics provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

Students who take AP Macroeconomics are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

U.S. GOVERNMENT & CIVICS

Grade Level: 12

½ Credit / 1 Semester

Prerequisite(s): None

U.S. Government & Civics is a survey of American government. It includes English foundations and colonial experiences, the constitution, and the three branches of government.

U.S. GOVERNMENT & CIVICS HONORS

Grade Level: 12

½ Credit / 1 Semester

Prerequisite(s): ♦ 90 or higher recommended in U.S. History course

- ♦ Honors Contract signed by parent and student

U.S. Government & Civics Honors follows the standard U.S. Government & Civics curriculum, but places a greater emphasis on reading and critical thinking skills, research, and outside independent study.

SOCIAL STUDIES

U.S. GOVERNMENT & POLITICS AP

Grade Level: 12

Course Weight: 1.0

½ Credit / 1 Semester

Prerequisite(s): ♦ 90 or higher recommended in U.S. History course

♦ AP Contract signed by parent and student



This class is scheduled for 2nd Semester only. Advanced Placement (AP) course in U.S. Government & Politics is intended for qualified students who want to complete studies in high school equivalent to one 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. Students who take AP Government & Politics are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

SOCIAL STUDIES ELECTIVES

EUROPEAN HISTORY AP

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Social Studies course

♦ AP Contract signed by parent and student



Advanced Placement (AP) European History course is a study of European history since 1450. This course acquaints the student with the great western cultural tradition beginning in 1300 to the present. The following historical themes are stressed: (1) political and diplomatic, (2) cultural and intellectual, and (3) economic and social. An emphasis is placed on writing and the interpretation and analysis of documents. Course examines art, literature, music, and political history. It is an excellent college preparatory class. Eight hours of homework a week is standard and would be required. Students who take AP European History are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. AP European History can be used to satisfy the World History and Geography graduation requirement.**

HUMAN GEOGRAPHY AP

Grade Level: 10, 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in English 9 course for current 9th graders; 90 or higher recommended in any Social Studies course for upper classman

♦ AP Contract signed by parent and student



Students in Advanced Placement (AP) Human Geography will be exposed to a challenging college-level curriculum. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students who take AP Human Geography are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. AP Human Geography can be used to satisfy the World History and Geography graduation requirement.**



Last Updated: 3/3/26

SOCIAL STUDIES

PSYCHOLOGY

Grade Level: 10, 11, 12

½ ELECTIVE Credit / 1 Semester

Prerequisite(s): None

Psychology is a course that studies the science of individual behavior. Students investigate how and why people behave the way they do.

PSYCHOLOGY AP

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in current Social Studies course

♦ AP Contract signed by parent and student



The Advanced Placement (AP) Psychology course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the methods psychologists use in their science and practice. Students who take AP Psychology are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

SOCIOLOGY

Grade Level: 10, 11, 12

½ ELECTIVE Credit / 1 Semester

Prerequisite(s): None

The study of society and human interaction is covered and includes the historical development of sociology, research methods, and theoretical perspectives on human group interaction.

LEADWORTHY

LEADWORTHY I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Leadworthy helps students develop critical, life-changing skills. Leadworthy is designed for those students who wish to build and refine leadership skills by participating in a class that generates both school and community activities. Students will complete a minimum of 10 community service hours. Leadworthy courses are immersive, participatory experiences that build personal responsibility and leadership skills using role-play scenarios, group activities, speeches, guest speakers, and projects.

LEADWORTHY II

LEADWORTHY III

LEADWORTHY IV

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Leadworthy I for II; II for III; III for IV

A continuation of Leadworthy. Students will complete a minimum of 10 community service hours. Leadworthy courses are immersive, participatory experiences that build personal responsibility and leadership skills using role-play scenarios, group activities, speeches, guest speakers, and projects.

FINE ARTS: MEDIA ARTS

PLEASE NOTE: Any Media Arts course will meet the "Fine Arts Elective" requirement for high school graduation however, these courses may not be accepted as the "Fine Arts Credit" required by some four-year college/university admissions. Students applying to four-year colleges/universities should check with individual schools to determine if the following Media Arts course(s) are accepted for admissions.

MEDIA ARTS I - INTRO TO FILM & VIDEO

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

This course is a survey class where students will study film history and genre through the viewing of films. The students will also survey video shooting, film editing, and digital media creation through hands-on experiences in the film lab. \$20 course fee is requested for equipment maintenance and supplies. **There is a Course Fee for this class.**

MEDIA ARTS II - FILM THEORY I

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Introduction to Film & Video or Introduction to Communication Arts

Students will continue their studies in both film and television theory, as well as broaden their hands-on experience with video shooting and editing techniques. Areas of focus include: early Hollywood classics, comedy, film noir, thrillers/suspense, musicals, sci-fi/fantasy, short films, and the sitcom. Students will also produce at least one short film per semester for competition. **There is a Course Fee for this class.**

MEDIA ARTS III - FILM THEORY II

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): Film & Video II

Students will continue their studies in both film and television theory. Areas of focus include cinema & patriotism/the combat film, thrillers, sci-fi/fantasy, the studio system/the western, foreign film, film school generation, documentaries & bias in cinema/TV, and drama. Students will be expected to produce by themselves and/or with a small group at least three items throughout the year that will be submitted to local and/or national contests. Also, students will be asked to select one film from a list provided on the school website to view during the summer and will be expected to complete a project on the film chosen. **There is a Course Fee for this class.**

MEDIA ARTS II - TV PRODUCTION

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Introduction to Film & Video or Introduction to Communication Arts

TV & Media Production provides a workshop setting for students who desire to learn advanced techniques and gain practical experience in all phases of television and film production. Students will be required to attend school and community events to create, produce and edit content for BHS Media. The course is performance oriented. **There is a Course Fee for this class. This course may be taken multiple years.**



Last Updated: 3/3/26

FINE ARTS: INSTRUMENTAL MUSIC

PLEASE NOTE: Any Music course will meet the "Fine Arts Elective" requirement for graduation.

INSTRUMENTAL TECHNIQUE

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Application – See BHS Website -> Main Campus -> Guidance -> Course Selection for 2026-27

Instrumental Technique is offered to students who are not in the marching band or students who wish to take an additional band class. Students will study instrumental technique by learning beginning level band music (Grades 1 & 2), as well as fundamental exercises on their instrument. This will serve as a remediation course of study for band. Students may or may not perform in BHS concerts. **There is a Course Fee for this class. This course may be taken multiple years.**

STRINGS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Strings is for students with limited or no experience playing the violin, viola, cello, or bass. Students will learn to read music and play a stringed instrument. Students will also participate in several performances. Students will be required to be in this class for two years prior to moving to Orchestra. Exceptions may be made based upon a successful audition. Students will be expected to provide their own instrument and method book. **There is a Course Fee for this class. This course may be taken multiple years.**

ORCHESTRA

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Academy Orchestra OR two years of Strings class

High School Orchestra is for students who have played violin, viola, cello, or bass in ninth grade and wish to continue. This class is for students who enjoy orchestra, but are not interested in the accelerated pace and increased rigor offered by the honors section. Students will be required to attend mandatory after-school rehearsals and performances. **There is a Course Fee for this class. This course may be taken multiple years.**

ORCHESTRA HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ Academy Orchestra OR Audition

♦ Honors Contract signed by parent and student

High School Orchestra is for students who played violin, viola, cello, or bass in ninth grade and wish to continue. High School Orchestra students will refine and build upon skills developed in previous years. Students will be required to attend mandatory after-school rehearsals and performances. This will include participation in the Concert Assessment event. This is an Honors class and will move at an accelerated pace. **There is a Course Fee for this class. This course may be taken multiple years.**

FINE ARTS: INSTRMUSIC THEORY

MUSIC THEORY

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): None

Music Theory is designed for the committed music student planning to study music after graduation. It introduces a student to musicianship, theory, musical materials, and procedures. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and some history and style. Musicianship skills such as dictation, sight-singing, and keyboard harmony are included. The student's ability to read and write musical notation is fundamental to the course. It is also assumed that the student has acquired at least basic performance skills in voice or on an instrument. The course's ultimate goal is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Additionally, the development of aural skills is a primary course objective.

Last Updated: 3/3/26

FINE ARTS: PHOTOGRAPHY

PLEASE NOTE: Any Visual Arts course will meet the "Fine Arts Elective" requirement for graduation.

ADVANCED PHOTOGRAPHY

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Art 1: Photography

This advanced level photography course adds to a student's skill in his or her ability to recognize and produce successful artistic and commercial photographs. Students will explore the tools used by professional photographers, learn what it takes to work as a professional photographer, and engage in a variety of assignments based on their own interests and ideas. Students will also work collaboratively with peers to organize, curate, manage, and execute their own photography exhibit. A supply fee of \$20 is required (for high quality printing of work). Requirements: Access to a personal cell phone, digital camera, or other device (not a laptop) that takes photographs. **This course may be taken twice in high school.**

FINE ARTS: SPEECH & DEBATE

PLEASE NOTE: Any Speech & Debate course will meet the "Fine Arts Elective" requirement for high school graduation. However, Speech & Debate courses may not be accepted as the "Fine Arts Credits" required by some four-year college/university admissions. Students applying to four-year colleges/universities should check with individual schools to see if they accept the following Speech & Debate course for admissions.

INTRO TO COMMUNICATION ARTS (SPEECH)

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

When registering for this class in PowerSchool, please look for: Theatre Arts I – Intro Comm Arts. This course is an introductory class to communication skills in which students participate in group discussions, interviews, oral presentations of literature (poetry, prose, and drama), and radio and TV broadcasting. The focus of the class is on developing poise and confidence in speaking situations.

FORENSICS / DEBATE

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

When registering for this class in PowerSchool, please look for: Theatre Arts I – Forensics/Debate. This course teaches students the basics of performance events at speech tournaments. Emphasis will be placed upon piece selection, analysis, editing, and performance. Students will receive practical exposure through competition at speech tournaments. Students are required to attend one speech competition per semester, this will occur during the weekend and may be out of town. **There is a Course Fee for this class. This course may be taken multiple years.**

FORENSICS / DEBATE HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): Honors Contract signed by parent and student

When registering for this class in PowerSchool, please look for: Theatre Arts I – Forensics/Debate Honors. This course teaches students the basics of performance events at speech tournaments. Emphasis will be placed upon piece selection, analysis, editing, and performance. Students will receive practical exposure through competition at speech tournaments. Students are required to attend a minimum of two speech competition per semester, this will occur during the weekend and may be out of town. **There is a Course Fee for this class. This course may be taken multiple years.**

FINE ARTS: THEATRE ARTS

PLEASE NOTE: Any Theatre Arts course will meet the "Fine Arts Elective" requirement for high school graduation.

INTRO TO THEATRE**Grade Level:** 10, 11, 12**1 Credit / Year Long****Prerequisite(s):** None

When registering for this class in PowerSchool, please look for: Theatre Arts II – Intro to Theatre. This course offers students a broad overview of the theatre world. Topics discussed include: theatre history, basics of acting, study and analysis of theatrical literature, and basic information regarding technical theatre. Students will increase their understanding of theatre as an art form. As part of the course requirements, students will be required to attend and critique live theatrical performances that occur outside class time.

ACTING HONORS**Grade Level:** 10, 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Intro to Theatre

♦ Honors Contract signed by parent and student

When registering for this class in PowerSchool, please look for: Theatre Arts II – Acting Honors. This course will provide an introduction to theatrical performance. Students will learn basic acting skills such as: improvisation, characterization, preparing a role, and stage movement. Students will explore practical and theoretical approaches to acting. This course will require after school and weekend commitments. As part of the course requirements, students will be required to attend and critique live theatrical performances that occur outside class time. This course will also require co-curricular after school/weekend hours devoted to the Panther Playhouse. **This course may be taken multiple years.**

TECHNICAL THEATRE HONORS**Grade Level:** 10, 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Intro to Theatre

♦ Honors Contract signed by parent and student

When registering for this class in PowerSchool, please look for: Th Arts II – Technical Theatre Honors. This course is an exploration of the technical side of production. Topics covered will include design research and principles, scene shop organization, painting and construction techniques, equipment use and maintenance, sound and lighting design, costume and design, theatre management, theatre safety, and the function of technical stage personnel in production work. This course will incorporate academic study and hands-on application. As part of the course requirements, students will be required to attend and critique live theatrical performances that occur outside class time. This course will also require co-curricular after school/weekend hours devoted to the Panther Playhouse. **This course may be taken multiple years.**

THEATRE PRODUCTION WORKSHOP HONORS**Grade Level:** 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Acting Honors or Technical Theatre Honors

♦ Honors Contract signed by parent and student

When registering for this class in PowerSchool, please look for: Th Arts II – Theatre Prod Wkshp Honors. This course will study the real practices of performance, managerial, and technical theatre. Students will create and produce theatrical events and will comprise the entirety of the production team. Topics include fundamental practices, principles, and techniques associated with producing plays of various periods and styles. Production work may consist of the following: acting, carpentry, costumes, makeup, painting, lighting, sound, props, and stage management. Students will be required to participate in all Panther Playhouse mainstage productions in some capacity. **This course may be taken multiple years.** Currently enrolled Theatre Production Workshop Honors students do not need to reapply.

FINE ARTS: VISUAL ARTS

PLEASE NOTE: Any Visual Arts course will meet the "Fine Arts Elective" requirement for graduation.

ART I: DRAWING

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Art I is an introductory art elective covering the basics of design, color and drawing skills, and art history. A genuine interest in art is highly recommended. **There is a Course Fee for this class.** Additional supplies may be necessary.

ART II: INTERMEDIATE DRAWING

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Art I

Art II is for those interested in furthering their art education: *new and more advanced* techniques are introduced. We do draw from direct observation a great deal. **There is a Course Fee for this class.**

ART II: INTERMEDIATE DRAWING HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Art I or Art I Honors

♦ Honors Contract signed by parent and student

Art II Honors is an intermediate art course that emphasizes drawing and painting skills; a genuine interest in art and an ability to draw is highly recommended. Techniques taught include acrylic painting, printmaking, and drawing. You will be graded more on creativity and a willingness to learn. You will be required to participate in local community art contests, as well as the Mid-South Scholastic Art Competition. **There is a Course Fee for this class.**

ART III HONORS

Grade Level: 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ Art II Honors

♦ Honors Contract signed by parent and student

Art III Honors is primarily a 3-D design/sculpture class. Students will still draw and paint, but the emphasis is on working in three dimensions. **There is a Course Fee for this class.**

AP ART

Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ Art III Honors

♦ AP Contract signed by parent and student

Advanced Placement (AP) Studio Art is for students who have had prerequisite art classes (Art I – Art III Honors) and desire to explore advanced drawing techniques. Students who take the AP Studio Art class are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. There is an additional Course Fee for this class.**

▪ **DRAWING** students will be working with a wide range of mediums: charcoal, pencil, acrylics, watercolors, printmaking, and mixed media. The AP program is designed for the highly motivated student and is taught as a college-level course/class. Students understand that work outside of class and independent study will be required along with required reading assignments. The AP course requires more rigor and has a required portfolio.

▪ **2-D DESIGN** portfolio addresses two-dimensional design issues and involves decision making about how to use the elements and principles of art in an integrative way. AP Studio Arts Drawing is a prerequisite for 2-D Design.



FINE ARTS: VOCAL ARTS

PLEASE NOTE: Any Music course will meet the "Fine Arts Elective" requirement for graduation.

GENERAL MUSIC

Grade Level: 10, 11, 12**1 Credit / Year Long****Prerequisite(s):** None

This course is a beginning level class focusing on discovering music as a means of communication in and between cultures and how we use music to tell the story of our lives. The course provides experiences for all students in the area of creating understanding of and listening to music. Areas of focus are producing and experiencing music, musical styles, and music in contemporary life. Basic theory, sight-reading, breathing and breath support, resonance, and many other skills are developed. This class is for students who do not wish to commit to after school activities or expenses.

CONCERT CHOIR

Grade Level: 10, 11, 12**1 Credit / Year Long****Prerequisite(s):** Audition

This course is an auditioned intermediate to advanced level class for students who wish to develop their vocal skills and compete in festivals, audition for All Region and All State choir, and perform more often. More time is required for after school practices and performances, auditions, etc. **There is a Course Fee for this class. This course may be taken multiple years.**

ADVANCED TREBLE CHOIR HONORS

Grade Level: 10, 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Audition

♦ Honors Contract signed by parent and student

This is an auditioned choir for Soprano/Alto students with advanced vocal skills. Course content includes study of fundamental vocal technique, sight-reading, music theory, and music history. Performances, after school rehearsals and competitions are required as scheduled. This class will take an annual spring tour. **There is a Course Fee for this class. This course may be taken multiple years.**

CHAMBER CHOIR HONORS

Grade Level: 10, 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Audition

♦ Honors Contract signed by parent and student

This is an auditioned mixed level course for people with advanced vocal skills. Course content includes study of fundamental vocal technique, sight-reading, music theory, and music history. Performances, after school rehearsals, and competitions are required as scheduled. This choir will take an annual spring tour. **There is a Course Fee for this class. This course may be taken multiple years.**

CONCERT CHOIR HONORS

Grade Level: 10, 11, 12**Course Weight:** 0.5**1 Credit / Year Long****Prerequisite(s):** ♦ Audition

♦ Honors Contract signed by parent and student

This is an auditioned choir for students with advanced vocal skills. Course content includes study of fundamental vocal technique, sight-reading, music theory, and music history. Performances, after school rehearsals and competitions are required as scheduled. This class will take an annual spring tour. **There is a Course Fee for this class. This course may be taken multiple years.**

PERSONAL FINANCE

PERSONAL FINANCE

Grade Level: 11, 12

½ Credit / 1 Semester

Prerequisite(s): None



This course is required for graduation. It is designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered include income, money management, spending and credit, as well as savings and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions

PHYSICAL EDUCATION

1.0 credit in Lifetime Wellness AND 0.5 credits in a Physical Education (PE) activity elective are necessary to meet state graduation PE requirements.

In addition to the PE courses available at BHS, the 0.5 PE activity elective credit can be earned through an exercise or athletic program certified by a coach or band director. This NON-GRADED curriculum is completed by the student enrolled in an athletic or band activity and certified by the teacher/coach. A grade of "P" is awarded to students who have completed one of the following activities equaling 70 hours of physical exercise and under the jurisdiction of the local high school:

1. TSSAA sport season
2. Marching band season
3. Cheer season
4. Intramural season in an intramural activity/club sponsored by the school
5. Cast member of the spring theatre musical

LIFETIME WELLNESS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

This course emphasizes the need for responsibility by engaging in behaviors that develop optimal health and wellness. The ongoing process of wellness requires daily decision-making in nutrition, stress management, physical fitness, preventative health care, emotional health, and other aspects of a healthy lifestyle. **There is a Course Fee for this class.**

LIFETIME SPORTS

Grade Level: 10, 11, 12

½ Credit / 1 Semester

Prerequisite(s): None

Students in this course will be exposed to a variety of individual, dual, and team sports that will provide lifetime value. Students will be engaged in activities throughout the semester to improve their physical fitness levels.

This course is considered a PE activity elective. There is a Course Fee for this class.

RECREATIONAL GAMES

Grade Level: 10, 11, 12

½ Credit / 1 Semester

Prerequisite(s): None

This course is designed to acquaint students with basic knowledge of rules, techniques, and strategies of various recreational activities and games. The student will have an opportunity to participate in these activities and develop personal skills essential to the activity/game. **This course is considered a PE activity elective. There is a Course Fee for this class.**

WORLD LANGUAGES

FRENCH I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

French I is designed to develop basic conversational skills in French with an emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic French culture is included. Students must purchase a paper copy of the French/English dictionary. **There is a Course Fee for this class.**

FRENCH II

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): French I

French II emphasizes increased listening, speaking, writing, and comprehension skills. Students must purchase a paper copy of the French/English dictionary. **There is a Course Fee for this class.**

FRENCH II HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in French I Standard or Honors

♦ Honors Contract signed by parent and student

French II Honors serves the needs of the students with an above-average aptitude in language acquisition. This course enhances listening, speaking, comprehension, and writing skills. Students are required to purchase supplementary materials, including a paper copy of the French/English dictionary. **There is a Course Fee for this class.**

FRENCH III HONORS

Grade Level: 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in French II Honors

♦ Honors Contract signed by parent and student

French III Honors emphasizes conversation and composition as well as advanced grammar and usage. Students also read excerpts from literature. Students are required to purchase supplementary materials, including a paper copy of the French/English dictionary. **There is a Course Fee for this class.**

FRENCH IV HONORS

Grade Level: 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in French III Honors

♦ Honors Contract signed by parent and student

French IV Honors is a course designed for students who want to continue the development of speaking, reading, writing, and listening skills. Students read articles and books in French, write essays, listen to native speakers, and describe picture sequences. Students are required to purchase supplementary materials, including a paper copy of the French/English dictionary. **There is a Course Fee for this class.**

FRENCH LANGUAGE AND CULTURE AP

Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in French III or IV Honors

♦ Honors Contract signed by parent and student

AP French Language and Culture is an upper-level French course for students at a proficiency level of intermediate to advanced. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students who take AP French Language are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026. There is an additional Course Fee for this class.**



WORLD LANGUAGES

GERMAN I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

German I is designed to develop basic conversational skills in German with emphasis on listening and speaking. Vocabulary building, grammar, and pronunciation are emphasized. A study of basic German culture and history is included. **There is a Course Fee for this class.**

GERMAN II

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): German I

German II is a continuation of German I, which emphasizes increased listening, speaking, writing, and comprehension skills. **There is a Course Fee for this class.**

GERMAN II HONORS

Grade Level: 10, 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in German I Standard or Honors

♦ Honors Contract signed by parent and student

German II Honors is a continuation of the course work in German I on a more challenging level. The emphasis of the course is on oral and written communication skills. A survey of German culture and history is also included. Students are required to take the National German Exam. **There is a Course Fee for this class.**

GERMAN III HONORS

Grade Level: 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher in recommended German II Honors

♦ Honors Contract signed by parent and student

German III Honors emphasizes conversation, composition, and cultural studies. Students read a variety of selections that reflect problems in German culture and history. Students are required to purchase supplementary materials and take the National German Exam. **There is a Course Fee for this class.**

GERMAN IV HONORS

Grade Level: 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in German III Honors

♦ Honors Contract signed by parent and student

German IV Honors is designed for students who wish to develop proficiency in German. The course teaches conversation and writing in German. Students do a comprehensive practice and review of their speaking and writing skills and will be required to do several presentations in German during the year. German is the required language for all communication in the class. Students may be required to purchase supplementary materials and will need to have access to the Internet for homework assignments and projects. Students are required to take the National German Exam. **There is a Course Fee for this class.**



WORLD LANGUAGES

LATIN I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Minimum "C" average in English

Students are introduced to the Latin language and the culture and institutions of the Romans through comparisons between ancient and modern ways of life. Students learn to recognize the influence of ancient Roman civilization on the modern world. Emphasis is placed on vocabulary and translations from English to Latin and Latin to English. **There is a Course Fee for this class.**

LATIN II

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Latin I

Latin II expands grammatical and vocabulary skills and enables the student to read a greater variety of stories. The study of literature is begun with translations of Hercules, the Argonauts, and selected works of Livy, Caesar and Ovid. Emphasis is placed on understanding social and political conditions in ancient Rome. **There is a Course Fee for this class.**

LATIN II HONORS

Grade Level: 11, 12

Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Latin I Standard or Honors

♦ Honors Contract signed by parent and student

Latin II expands grammatical and vocabulary skills and enables the student to read a greater variety of stories. The study of literature begins with translations of Hercules, the Argonauts, and selected works of Livy, Caesar and Ovid. Emphasis is placed on understanding social and political conditions in ancient Rome. Latin II Honors includes a project each quarter, as well as information from the Internet. The material is covered more rapidly than a regular class. **There is a Course Fee for this class.**

LATIN III HONORS

Grade Level: 12

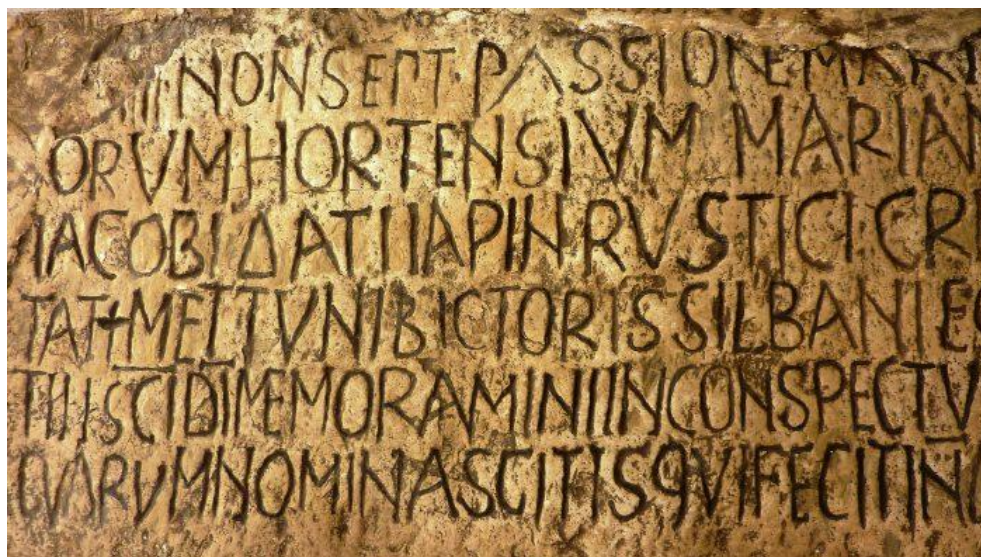
Course Weight: 0.5

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Latin II Standard or Honors

♦ Honors Contract signed by parent and student

Students continue to develop competency in reading, verbal and grammar skills through the study of advanced grammatical structures and additional vocabulary. The works of Cicero and other classical authors are studied. Stylistic analysis is an integral part of the course. Latin III Honors includes a project each quarter, as well as information from the Internet. The material is covered more rapidly than a regular class. **There is a Course Fee for this class.**



CODING

CODING I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Coding I is a course intended to teach students the basics of computer coding using the latest innovative software to create 2D and 3D graphical projects, animations, stories, games, and apps.



CODING II

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Coding I

Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

CODING PRACTICUM (CODING III)

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): Coding II



Coding Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Coding courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the program of study take on more responsibilities for producing independent work and managing processes involved in the planning, designing, refinement, and production of original software applications. The course is designed to allow students to choose their specific application of interest, be it the development of a mobile application (app), an animation package, a game or other educational tool, or any other approved program that requires coding and development skills. Upon completion of the practicum, proficient students will be prepared for postsecondary study and career advancement in programming and software development, and will be equipped to market their finished product should they choose.

Students may be eligible for Dual Enrollment through the University of Memphis. Eligibility will be determined during the first semester.

COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

◆ UNIV 1500 - Career Skill Build/Workforce: Basic skill and knowledge needed for the development of personal career goals, communication skills, teamwork, and employment success.

COMPUTER SCIENCE FOUNDATIONS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

This course is intended to provide students with exposure to various information technology occupations and pathways such as Computer Science and Web Design. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will also demonstrate an understanding of project management and teamwork, client relations, the web design and software development process, and writing styles appropriate for web publication. Students will be introduced to both programming and markup languages, including HTML, CSS, Javascript, and Python. **There is a Course Fee for this class.**



CODING

COMPUTER SCIENCE PRINCIPLES AP

Grade Level: 10, 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 10th graders must be concurrently enrolled in Algebra II

- ♦ 90 or higher recommended in current Math course
- ♦ AP Contract signed student and parent



Advanced Placement (AP) Computer Science Principles is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and in a group to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. Students who take AP Computer Science Principles are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

Students are encouraged to apply creative processes when developing computational artifacts and think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and in a group to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. Students who take AP Computer Science Principles are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

CYBERSECURITY I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Cybersecurity I is a course intended to teach students the basic concepts of cybersecurity. The course places an emphasis on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will demonstrate and understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and how to implement various aspects of security within a networking system.



Last Updated: 3/3/26

COSMETOLOGY

COSMETOLOGY I

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): None

This course, which is the first level of cosmetology, prepares students with work-related skills in the Cosmetology I course. Content provides students the opportunity to acquire basic fundamental skills in theory and some practical applications. Content stresses safety, environmental issues, and protection of the public and designers as integrated with principles of hair design, nail structure, and cosmetic procedures. Laboratory facilities and experiences simulate those found in the cosmetology industry. **Students who demonstrate a pattern of excessive absences or ongoing disciplinary issues may be restricted from registering for this class. A fee of approximately \$375 is required to purchase the cosmetology kit and supplies.**

COSMETOLOGY II

Grade Level: 11, 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Cosmetology I and Cosmetology Kit



This course, which is the second level of cosmetology, prepares the student for work-related skills in the Cosmetology II course. Content provides students the opportunity to acquire knowledge and skills in both theory and practical application. Advanced knowledge and skills in hair design, nail artistry, and cosmetic applications will be enhanced in a laboratory setting, which duplicates cosmetology industry standards. **Students who demonstrate a pattern of**

excessive absences or ongoing disciplinary issues may be restricted from registering for this class. There is a Course Fee for this class.

COSMETOLOGY III/IV

Grade Level: 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Cosmetology II with a "C" or better grade



This course, which is the advanced level of cosmetology, prepares students to perform work-related services using chemicals in the cosmetology industry. Content provides students the opportunity to acquire foundation skills in both theory and practical applications. Laboratory facilities and experiences will be used to simulate cosmetology work experiences. **There is a**

Course Fee for this class.



Last Updated: 3/3/26

CRIMINAL JUSTICE

CRIMINAL JUSTICE I

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): None

Criminal Justice I is the second course in *Law Enforcement Services* and the *Legal and Correctional Services* programs 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. Current issues will be researched in the context of local, state, and federal laws. Investigative skills will be developed in the areas of drug use, incident documentation, and basic crime scene investigation. Additionally, upon completion of the course, students will understand the importance of communications and professionalism in law enforcement.

CRIMINAL JUSTICE II

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Criminal Justice I

Criminal Justice II is an integrated survey of the law and justice systems for students interested in pursuing careers in law enforcement and legal services. From initial crisis scenario management to arrest, transport, trial, and corrections, procedures and laws governing the application of justice in the United States are examined in detail, with special emphasis on the best practices and professional traits required of law enforcement and legal professionals. This course prepares students for advanced work in crime scene analysis and forensic science, and offers strong knowledge and skill preparation for postsecondary or career opportunities in associated fields.

CRIMINAL JUSTICE III

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Criminal Justice II



This course is designed to equip students with the knowledge and skills to be successful in the science of criminal investigations. Students will learn terminology and investigation skills related to crime scenes, 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 in 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.

CRIMINAL JUSTICE PRACTICUM (Criminal Justice IV)

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): ♦ Criminal Justice III

♦ **Application – See BHS Website -> Main Campus -> Guidance -> Course Selection for 2026-27**

Criminal Justice Practicum is a capstone course that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training or through work-based learning arrangements such as cooperative education, mentoring, and job shadowing.



Last Updated: 3/3/26

CULINARY ARTS

CULINARY ARTS I

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): None

Culinary Arts I is the first level of Culinary Arts and prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. Designed to introduce students to food preparation concepts, terminology, and practices in the modern commercial kitchen, the content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities, as well as developing food preparation and interpersonal skills. Fundamental techniques and skills are taught with an emphasis on safety, sanitation, and proper equipment operation and maintenance. Laboratory facilities and experiences, which simulate commercial food production and service operations, offer school-based learning opportunities. Course is lecture based with limited labs. **Students who demonstrate a pattern of excessive absences or ongoing disciplinary issues may be restricted from registering for this class. There is a Course Fee for this class.**

CULINARY ARTS II

Grade Level: 11, 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Culinary Arts I

Culinary Arts II is the second level of Culinary Arts and prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by demonstrating the principles of safety and sanitation, food preparation skills, and teamwork to manage an environment conducive to quality food production and service operations. Laboratory facilities and experiences, which simulate commercial food production and service operations, offer school-based learning and work-based learning opportunities. Course is lab concentrated. **Students who demonstrate a pattern of excessive absences or ongoing disciplinary issues may be restricted from registering for this class. There is a Course Fee of approximately \$100 for this class.**

CULINARY ARTS III/IV

Grade Level: 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Culinary Arts II



Culinary Arts III is the third level of Culinary Arts. It prepares students for gainful employment and/or entry into post-secondary education in the food production and service industry. Content provides students the opportunity to apply the marketable culinary arts skills they have acquired by assuming increasingly responsible positions including participation in a cooperative education experience. **There is a Course Fee of approximately \$100 for this class.**

Students may be eligible for Dual Enrollment through the University of Memphis. Eligibility will be determined prior to the end of the current school year.

COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

- ◆ HPRM 2012 – Introduction to Culinary Arts: This course will provide the student with a cursory understanding of fundamental culinary theory and techniques, by exposing the student to the basic principles of culinary arts. The primary goal of this class is to acquire the culinary skills needed for success in a career as a food service professional. Skills practiced will include basic kitchen safety and sanitation, knife skills, stock production, soups, sauces, breakfast cooking, and fresh pasta. The course also provides an overview of basic culinary units of measure, culinary history, and professionalism in the culinary industry.
- ◆ HPRM 2016 – Essentials of Pastry & Baking: This course will provide the student with a cursory understanding of introductory theory and techniques of the baking and pastry arts. The primary goal of this class is to acquire the basic culinary skills needed for success in a career as a food service professional. Skills practiced will include baking mise en place; yeast breads; pastry doughs and batters; custards, creams and mousses; fillings, frostings, and dessert sauces; and plated desserts.

DIAGNOSTIC & THERAPEUTIC SERVICES

HEALTH SCIENCE EDUCATION

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a student proficient in Health Science Education 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 the Health Science programs of study. **There is a Course Fee for this class.**

HUMAN ANATOMY AND PHYSIOLOGY

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Biology

Anatomy and Physiology is a study of the structure and function of the various systems of the human body. As a science elective, emphasis will be on the major systems and how they coordinate activities to maintain a healthy body. Please note: If this class is taken as part of the focus elective cluster, it may not be used as your 3rd science credit required for graduation. **There is a Course Fee for this class.**

DIAGNOSTIC MEDICINE

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Health Science Education

Students learn to create a picture of an individual's health status at a single point in time. These skills can be applied to careers such as cardiology, imaging, medical laboratory, radiography, nuclear medicine, stereotactic radiological surgery, speech pathologists, respiratory therapist, clinical laboratory technician, pathologists, medical doctor, and others.

MEDICAL THERAPEUTICS

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Health Science Education

Course explores the treatment procedures for various clinical and hospital situations, as well as managing patient care.

CLINICAL INTERNSHIP

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): ♦ Diagnostic Medicine OR Medical Therapeutics

♦ **Application – See BHS Website -> Main Campus -> Guidance -> Course Selection for 2026-27**

Clinical Internship is a capstone course and work-based learning experience. Prior to beginning work at a clinical site, students must be certified in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR), and deemed competent in basic first aid, body mechanics, Standard Precaution guidelines, and confidentiality. **Only 30 students will be selected for this class.**



Last Updated: 3/3/26

DIGITAL ARTS & DESIGN

DIGITAL ARTS & DESIGN I

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): None

Digital Arts & Design I is a foundational course in the Arts, A/V Technology & Communications cluster for students interested in art and design professions. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Upon completion of this course, proficient students will be able to utilize industry tools to conceptualize and create communications solutions, which effectively reach targeted audiences. Students will acquire basic skills in illustration, typography, and photography. Standards in this course include career exploration, an overview of the history of design, basic business management, and legal issues. 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.

DIGITAL ARTS & DESIGN II

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Digital Arts & Design I



Digital Arts & Design II is a course that builds on the basic principles and design processes learned in the Digital Arts & Design I course. Upon completion of this course, proficient students will be able to perform advanced software operations to create photographs and illustrations of increasing complexity. Students will employ design principles and use industry software to create layouts for a variety of applications. Standards in this course also include an overview of art and design industries, career exploration, and business management. In addition, students compile artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

DIGITAL ARTS & DESIGN III/IV

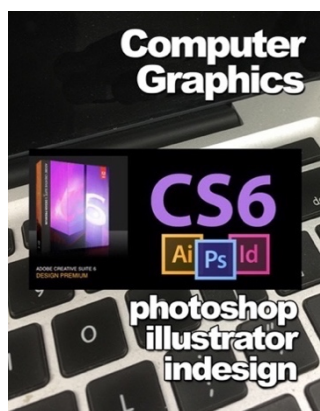
Grade Level: 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Digital Arts & Design II



Digital Arts & Design III is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three-dimensional designs. Upon completion of this course, proficient students will be able to use industry-standard software to create multimedia projects, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes. Standards in this course also include professionalism and ethics, career exploration, and business and project management. In addition, students compile artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.



EARLY CHILDHOOD EDUCATION CAREERS

PLEASE NOTE: Because this career cluster utilizes a preschool lab and is designed to accommodate and teach children from the community, high school students must complete an application. A student may be withdrawn from the class if instances contrary to program standards occur.

EARLY CHILDHOOD EDUCATION CAREERS I

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

This course prepares students for work in the area of child-care and guidance. This class is the introductory course for early childhood education and is conducted in a standard classroom setting. Students learn teaching methods, child development theories, and classroom management techniques before interacting with preschoolers. **There is a Course Fee for this class.**

EARLY CHILDHOOD EDUCATION CAREERS II

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Early Childhood Education I

Early Childhood Education Careers II allows students to continue the pathway in early childhood education. Content provides students the opportunities to apply child development theory, develop and implement learning activities for young children, and integrate knowledge, skills, and practices required for careers in early childhood education and related services. Students must have completed ECEC I and must complete and submit an application to be considered for the program. **There is a Course Fee for this class.**

EARLY CHILDHOOD EDUCATION CAREERS III

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): Early Childhood Education II

Early Childhood Education Careers III is an applied knowledge course for students interested in learning more about careers involving children and related services. This course covers the components of the learning environment, planning age-appropriate activities, using activities for learning, and developing communication skills. Students in this course will participate in a work-based learning component of instruction and add work products to a course portfolio. This class will help with study and employability skills, which will prepare students for success at the postsecondary level and in their chosen careers. **There is a Course Fee for this class.**


HORTICULTURE SCIENCE

LANDSCAPING 1: PRINCIPLES OF PLANT SCIENCE

Grade Level: 10

1 Credit / Year Long

Prerequisite(s): None

 **PLEASE NOTE:** On the Course Selection form Agriscience is listed, but in PowerSchool look for **Landscaping 1**. Principles of Plant Science and Hydroculture focus on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. Upon completion of this course, proficient students will be prepared for more advanced coursework in horticulture science. It is our goal to continue expanding this Focus Elective by adding Landscape & Turf Science course offerings and possible work-based learning opportunities over the next several years.

HUMAN & SOCIAL SERVICES

FAMILY STUDIES

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Family Studies is an applied knowledge course that examines the diversity and evolving structure of the modern family. Upon completion of the course, proficient students will have knowledge of the demographic, historical, and social changes of interpersonal relationships, as well as parenting, and the effect of stressors on the family. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

INTRODUCTION TO HUMAN STUDIES

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Introduction to Human Studies is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, or community volunteer. This course covers the 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.

LIFESPAN DEVELOPMENT

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Lifespan Development builds basic knowledge in human growth and development. The course standards include developmental theory, principles of growth, behavior of children from conception through adolescence, adult development and aging, and death and dying. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

PSYCHOLOGY

Grade Level: 10, 11, 12

½ ELECTIVE Credit / 1 Semester

Prerequisite(s): None

Psychology is a course that studies the science of individual behavior. Students investigate how and why people behave the way they do.

AP PSYCHOLOGY

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in current Social Studies course

♦ AP Contract signed by parent and student

The Advanced Placement (AP) Psychology course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the methods psychologists use in their science and practice. Students who take AP Psychology are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**

SOCIOLOGY

Grade Level: 10, 11, 12

½ ELECTIVE Credit / 1 Semester

Prerequisite(s): None

The study of society and human interaction is covered and includes the historical development of sociology, research methods, and theoretical perspectives on human group interaction.



MANUFACTURING TECHNOLOGY

PRINCIPLES OF MANUFACTURING

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None



This course focuses on the essential principles that must be mastered to be effective in manufacturing production work. The course is intended for students more interested in production than engineering. The course covers customers, quality principles and processes, systems, information in the workplace, the business of manufacturing, and statistical process control. **There is a Course Fee for this class.**

PRINCIPLES OF MACHINING I

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Principles of Manufacturing



Principles of Machining I focuses on the concepts and practices that support careers in manufacturing, industrial maintenance, metrology, automation, industrial design, or industrial support. The course introduces the technology of machining and manufacturing process. While working as team members, students will apply leadership and organizational skills, relating to designing, producing, and maintaining a product. Emphasis is placed on quality control, codes and standards, and production systems. The course is contextual by design. The course connects what is being learned to the learner's current experience, past knowledge, and future conduct. Laboratory exercises provide active and cooperative learning opportunities. STEM initiative works well. **There is a Course Fee for this class.**

Students may be eligible for Dual Enrollment through the TCAT. Eligibility will be determined during the first semester.

PRINCIPLES OF MACHINING II/III

Grade Level: 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): Principles of Machining I



Principles of Machining II is an advanced level contextual course that builds on the introductory skills learned in the entry-level manufacturing and machining courses, stressing the concepts and practices in a production environment supported by advanced machining and engineering facilities. Working with the course instructor and team members in a cooperative learning environment, students will design, produce, and maintain products defined by detailed technical specifications. Emphasis is placed on quality control, safety and engineering codes and standards, and production-grade machining systems, building on the learner's past knowledge, current experiences, and future conduct as a career machinist. Students will: 1) examine blueprints and specification drawings to plan and implement the manufacture of products; 2) machine parts to specifications using both manual and computer-controlled machine tools and 3) measure, examine, and test completed products to check for defects and conformity to specifications. **There is a Course Fee for this class.**

Students may be eligible for Dual Enrollment through the TCAT. Eligibility will be determined during the first semester.



Last Updated: 3/3/26

MAINTENANCE & LIGHT REPAIR

MAINTENANCE AND LIGHT REPAIR I

Grade Level: 10, 11

1 Credit / Year Long

Prerequisite(s): None

Maintenance and Light Repair I prepares students for entry into all subsequent transportation courses. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success. Students study safety, tools, equipment, shop operations, and basic technical skills. **Students who demonstrate a pattern of excessive absences or ongoing disciplinary issues may be restricted from registering for this class. There is a Course Fee for this class.**


MAINTENANCE AND LIGHT REPAIR II

Grade Level: 11, 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): ♦ Maintenance and Light Repair I

♦ Teacher Approval

 Maintenance and Light Repair II is a course that prepares students for entry-level positions or advanced training in automotive electrical and electronics systems. Students apply principles of electronics to automotive technology and develop diagnostic skills. Course content provides the student the opportunity to acquire marketable skills by training in the use of digital and analog voltmeters, ohmmeters, and amp-meters, as well as oscilloscopes, test-lights, load- testers, and specialized electrical test equipment. Course materials cover the principles of automotive suspension/steering systems and four-wheeled suspension alignment. Course content provides the student the opportunity to acquire marketable skills by training in wheel alignment and the testing, diagnosis, and repair of steering and suspension systems. **Students who demonstrate a pattern of excessive absences or ongoing disciplinary issues may be restricted from registering for this class. Only 25 students will be approved for this class. There is a Course Fee for this class.**

MAINTENANCE AND LIGHT REPAIR III/IV

Grade Level: 12

2 Credits / 2 Periods / Year Long

Prerequisite(s): ♦ Maintenance and Light Repair I

♦ Teacher Approval

 Maintenance and Light Repair III offers training in the diagnosis and repair of hydraulic, mechanical, and electrical systems used in standard and antilock brakes systems. Course content includes diagnosis, repair, and/or service technology of hydraulic and antilock brake systems to original equipment manufacturer (OEM) specifications. Lab facilities and experiences simulate automotive service industry operations through the use of training aids and modules and school-based learning opportunities. This course prepares students for entry-level positions or advances training in engine performance. The course covers electronic ignition and distributor ignition systems, fuel management, exhaust emission control, and computer input and output signals and will identify the different types of sensors used by automotive engine computers. Students will perform inspections, tests, and measurements for diagnosis and perform needed repairs. **Only 25 students will be approved for this class. There is a Course Fee for this class.**



Last Updated: 3/3/26

MARKETING, MANAGEMENT & ENTREPRENEURSHIP**BUSINESS MANAGEMENT**

Grade Level: 10, 11, 12**½ Credit / 1 Semester****Prerequisite(s):** None

Students in Business Management will develop a foundation in the many activities, problems, and decisions that are intrinsic to the management of a successful business, as well as an appreciation for the importance of these responsibilities. Areas to be examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development, and related careers. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions of tomorrow.

There is a Course Fee for this class.**INTRODUCTION TO BUSINESS & MARKETING**

Grade Level: 10, 11, 12**½ Credit / 1 Semester****Prerequisite(s):** None

Introduction to Business & Marketing is designed to provide students with the basic understanding needed for intelligent interpretation of the needs of consumers for goods and services. Course content involves money and banking, budgeting, saving, credit, insurance, and investments. **There is a Course Fee for this class.**

PRINCIPLES OF OFFICE APPLICATIONS

Grade Level: 10, 11, 12**1 Credit / Year Long****Prerequisite(s):** None

This course is designed to teach the latest computer programs available to the school. This includes Microsoft Office Suite, the Internet, Google Education, and the use of social media. Students who previously took Computer Applications are not eligible for this course. **There is a Course Fee for this class.**

ACCOUNTING I

Grade Level: 10, 11, 12**1 Credit / Year Long****Prerequisite(s):** None

This course is designed to develop fundamental skills and theories. Students study accounting terms and concepts, business transactions and the accounting equation, journalizing using general and special journals, general and subsidiary ledgers, worksheets and financial statements, banking activities, payroll records, taxes, and adjusting and closing entries. **There is a Course Fee for this class.**

ACCOUNTING II

Grade Level: 11, 12**1 Credit / Year Long****Prerequisite(s):** Accounting I

This advanced accounting course expands on topics learned in the first-year course while adding new topics about management, departmentalized and corporation accounting. **There is a Course Fee for this class.**

ENTREPRENEURSHIP

Grade Level: 11, 12**1 Credit / Year Long****Prerequisite(s):** None

The Entrepreneurship course will provide the high school student with the opportunity to analyze and evaluate the various aspects of business ownership in today's marketplace. The student will also be involved in the actual process of developing a business plan and determining its opportunities for success. Throughout this course, the student will relate the foundations of marketing and business management to real-life entrepreneurial endeavors.

MARKETING, MANAGEMENT & ENTREPRENEURSHIP

ENTREPRENEURSHIP DUAL ENROLLMENT: The University of Memphis's UNIV 2555

Grade Level: 11, 12

Course Weight: 1.0 for 1st semester

1 Credit / Year Long

Prerequisite(s): ♦ Dual Enrollment Contract signed by parent and student

♦ Admission to the University of Memphis

♦ **Minimum 19 composite score on ACT**

♦ **100 admissions index score: 30 times the high school GPA (based on a 4.0 scale) plus the composite ACT score. Example: high school GPA of a 2.85 X 30 = 85.5 + 19 = 104.5**

The first semester will be Dual Enrollment, the second semester will be standard level.

First Semester Course Description:

UNIV 2555 – Introduction to Creativity, Innovation and Design: In this intensive 3-credit course, students will be introduced to leading-edge concepts related to creativity, innovation, and design, and will apply these concepts to a real-world design challenge resulting in an innovative solution, but more importantly, it is where students learn that failure is the birthplace of brilliance. The centerpiece of the course is an intensive, field-based, hands-on workshop where all concepts are applied.

MARKETING & MANAGEMENT I: PRINCIPLES

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Marketing & Management I is composed of basic business activities including market research product and service planning, purchasing raw materials, and products for resale. **There is a Course Fee for this class.**

MARKETING & MANAGEMENT II: ADVANCED STRATEGIES

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Marketing & Management I

This course is a study of marketing concepts and principles used in management. Students will examine challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, entrepreneurship, risk management, marketing information systems, purchasing, human resource skills, and leadership development. **There is a Course Fee for this class.**

SOCIAL MEDIA MARKETING & ANALYTICS

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): None

Social Media Marketing & Analytics is a study of concepts and principles used in social media marketing. Students will examine the uses, marketing strategies and data generated by social media marketing. Subject matter includes foundational social media knowledge, social media marketing strategies, communication, and ethical responsibilities.



Last Updated: 3/3/26

MECHATRONICS

PRE-MECHATRONICS: DIGITAL ELECTRONICS (Level I)

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

Digital Electronics is intended to provide students with an introduction to the basic components of digital electronic systems and equip them with the ability to use these components to design more complex digital systems. Proficient students will be able to (1) describe basic functions of digital components (including gates, flip flops, counters, and other devices upon which larger systems are designed), (2) use these devices as building blocks to design larger, more complex circuits, (3) implement these circuits using programmable devices, and (4) effectively communicate designs and systems. Students develop additional skill in technical documentation when operating and troubleshooting circuits. Upon completion of the Digital Electronics course, proficient students will be able to design a complex digital system and communicate their designs through a variety of media.

ROBOTICS & AUTOMATED SYSTEMS (Level II)

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Digital Electronics

Robotics & Automated Systems is an applied course for students who wish to explore how robots and automated systems are used in industry. Upon completion of this course, proficient students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems.

MECHATRONICS II (Level III)

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): Robotics & Automated Systems

This is considered a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous Mechatronics courses. This advanced course in the manufacturing career cluster is for students interested in learning more about such careers as mechatronics technician, maintenance technician, or electromechanical technician. Following the groundwork of robotics and electronics, this course addresses basic digital logic and programmable logic controllers (PLCs) employed in the mechanical, electronic, and control systems in a mechatronics system. This course allow students to interact with industry professionals in order to extend and deepen classroom lab work and support the development of postsecondary and career readiness knowledge and skills.

PRINCIPLES OF MANUFACTURING

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None



This course focuses on the essential principles that must be mastered to be effective in manufacturing production work. The course is intended for students more interested in production than engineering. The course covers customers, quality principles and processes, systems, information in the workplace, the business of manufacturing, and statistical process control. **There is a Course Fee for this class.**



Last Updated: 3/3/26

STEM APPLICATIONS

STEM I: FOUNDATION

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

STEM I: Foundation is an introductory course in the STEM cluster for students interested in learning more about careers in science, technology, engineering, and mathematics. This course covers basic skills required for STEM fields of study.

STEM II: APPLICATIONS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): STEM I

STEM II: Applications is a project-based learning experience for students who wish to further explore the dynamic range of STEM fields introduced in STEM I: Foundations. Building on the content and critical thinking frameworks of STEM I, this course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student input. Instructors design a project in one of two broad pathways (traditional sciences or engineering) that reflects the interest of the class as a whole. The students then apply the steps of the scientific inquiry or engineering design process taught throughout the course to ask questions, test hypotheses, model solutions, and communicate results. In some cases, instructors may be able to design hybrid projects that employ elements of both the scientific inquiry and the engineering design process. Upon completion of this course, proficient students will have a thorough understanding of how scientists and engineers research problems and methodically apply STEM knowledge and skills and they will be able to present and defend a scientific explanation and/or an engineering design solution to comprehensive STEM-related scenarios.

STEM III: STEM IN CONTEXT

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): STEM II

STEM III: STEM in Context is an applied course in the STEM career cluster, which allows students to work in groups to solve a problem or answer a scientific question drawn from real-world scenarios within their schools or communities. This course builds on STEM I: Foundations and STEM II: Applications by applying scientific and engineering knowledge and skills to a team project. Proficient students will be able to effectively use skills such as project management, team communication, leadership, and decision-making. They will also be able to effectively transfer the teamwork skills from the classroom to a work setting.

STEM IV: STEM PRACTICUM

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): STEM III



STEM IV: STEM Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous STEM Education courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by STEM professionals in the workplace, students learn to refine their skills in problem solving, research, communication, data analysis, teamwork, and project management.

Students may be eligible for Dual Enrollment through the University of Memphis. Eligibility will be determined during the first semester.

COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

♦ UNIV 1500 - Career Skill Build/Workforce: Basic skill and knowledge needed for the development of personal career goals, communication skills, teamwork, and employment success.

STEM APPLICATIONS

ENGINEERING DUAL ENROLLMENT: The University of Memphis ENGR 1009 and 1010

Grade Level: 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in Math course

- ♦ Dual Enrollment Contract signed by signed by parent and student
- ♦ Admission to the University of Memphis
- ♦ **Minimum 19 composite score on ACT; minimum 25 Math sub-score on ACT**
- ♦ **100 admissions index score: 30 times the high school GPA (based on a 4.0 scale) plus the composite ACT score. Example: high school GPA of a 2.85 X 30 = 85.5 + 19 = 104.5**



This class allows the student the opportunity to gain hours toward a college degree and students will be deemed eligible through an application process. Students are required to purchase the textbook for first and second semesters. A graphing calculator is also required for this course. Additional fees may be required at teacher's discretion. 6 hours of college credit is possible with success and fee payment for both semesters.

COURSE DESCRIPTION FROM UNIVERSITY OF MEMPHIS CATALOG:

- ♦ ENGR 1009 - Prep Math for Engineering: Applications of algebra and trigonometry to engineering problems.
- ♦ ENGR 1010 - Engineering Problem Solving: Introduction to the methods of engineering problem solving. Application of mathematical concepts to solve engineering problems.

WEB DESIGN

COMPUTER SCIENCE FOUNDATIONS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): None

This course is intended to provide students with exposure to various information technology occupations and pathways such as Computer Science and Web Design. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will also demonstrate an understanding of project management and teamwork, client relations, the web design and software development process, and writing styles appropriate for web publication. Students will be introduced to both programming and markup languages, including HTML, CSS, Javascript, and Python. **There is a Course Fee for this class.**



WEB DESIGN FOUNDATIONS

Grade Level: 10, 11, 12

1 Credit / Year Long

Prerequisite(s): Computer Science Foundations

This course prepares students with work-related web design skills for advancement into postsecondary education and industry. Students will develop introductory coding skills and learn basic design principles as they apply to web design. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a "client" is indicated in the standards, it is expected that students' peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner. **There is a Course Fee for this class.**

WEB DESIGN

WEB SITE DEVELOPMENT

Grade Level: 11, 12

1 Credit / Year Long

Prerequisite(s): Web Design Foundations

This course builds on the skills and knowledge gained in Web Design Foundations to further prepare students for success in the web design and development fields. Emphasis is placed on applying the design process toward projects of increasing sophistication, culminating in the production of a functional, static website. As students work toward this goal, they acquire key skills in coding, project management, basic troubleshooting and validation, and content development and analysis. Artifacts of the work completed in this course will be logged in a student portfolio demonstrating mastery of skills and knowledge. **There is a Course Fee for this class.**

WEB DESIGN PRACTICUM

Grade Level: 12

1 Credit / Year Long

Prerequisite(s): Web Design Foundations

This course is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Web Design courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the Web Design program of study take on more responsibilities for producing independent work and managing processes involved in the planning, designing, refinement, and launch of a website. In addition to developing an understanding of the professional and ethical issues encountered by web design professionals in the workplace, students learn to refine their skills in problem solving, troubleshooting, teamwork, marketing and analytics, and project management. Upon completion of the practicum, proficient students will be prepared for postsecondary study and career advancement in web design. **There is a Course Fee for this class.**

AP COMPUTER SCIENCE PRINCIPLES

Grade Level: 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): ♦ 90 or higher recommended in current Math course

♦ AP Contract signed student and parent



Advanced Placement (AP) Computer Science Principles is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and in a group to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. Students who take AP Computer Science Principles are required to take the AP exam in the spring. **A payment of \$105.00 for the AP test is required by November 1, 2026.**



Last Updated: 3/3/26