

BBHHS 26-27 Course of Study Guide Revisions

General Information:

Many of this year's additions are verbiage changes, refining prerequisites, and the addition of five new courses. Three courses have been eliminated.

New Courses for 26-27

AP Pre Calculus

AP Business with Personal Finance

Ceramics II: Functional Pottery and Sculpture

Honors Advanced Yearbook

Honors French 4

Eliminated Courses for 26-27

Global Geography

Honors Pre Calculus

Honors Calculus

Each department has also added potential major areas of study as well as career opportunities to course descriptions. This aligns with our goal for students to be aware of post secondary options beyond the classroom.

Art Department

- Addition of Ceramics II: Functional Pottery and Sculpture course: this course will take skills acquired in Ceramics I, and allow students to create both functional pottery and decorative ceramic sculptures. They will utilize their handbuilding skills and create more intentional works of 3D art. Students will also explore functional pottery through the use of the pottery wheel. This course will also discuss the ways ceramics has historically contributed to society. This course will investigate the roles of practice, experimentation and revision in the artmaking experience.

Business Department

- Addition of AP Business with Personal Finance course: this is the first year for this course to be offered by the College Board, and it will allow our students to meet a graduation requirement while also aligning closely with a college-level introduction to business curriculum, while also teaching every essential financial skill needed for adulthood.

English Department

- Addition of Honors Advanced Yearbook course: this course will be taught alongside Yearbook, and participating students will lead the class in page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in leadership, time management, marketing, teamwork, and design principles. Students will be given challenging, advanced real-world projects and assignments typical of the graphic design and publishing industries. High-quality work is expected, and students will be given opportunities to instruct first-year students. Advanced students often lead teams to create and edit sections of the yearbook.

Math Department:

- Elimination of Honors Pre-Calculus: this course will be replaced by AP Pre-Calculus
- Elimination of Honors Calculus: this course was not offered in 24-25, students now take AP Calculus AB instead
- Addition of AP Pre Calculus: this course is a recent creation of the College Board, and will allow students who would have previously taken Honors Pre Calculus to follow the College Board syllabus, with the possibility of earning college credit through earning a qualifying score on the AP exam.

Music Department

- Change in Course Descriptions for Symphonic Band, Wind Ensemble, and Concert Band to reflect Marching Band practice times and requirements.

Social Studies Department

- Elimination of Global Geography course– low enrollment in previous years, not offered since 21-22.
- Professional/Career/Service Internship Course: Expanded course description to include earning Ohio Means Job Seal

World Language Department

- Addition of Honors French IV Course: this course is the next step in the full French course sequence, following the addition of French to the World Language offerings in 23-24.

SPS Department Handbook

- Creation of 9-12 Academic Courses grid

- Deletion of curriculum map and rubrics– can be found in course frameworks through the Department of Teaching and Learning

Art Department Course Edits

Students who enjoy and excel in visual art courses may consider pursuing college majors such as Studio Art, Fine Arts, Art Education, Graphic Design, Industrial Design, Art Therapy, Architecture, Photography, Illustration, Animation, Fashion Design, Interior Design, Arts Administration, Digital Media, Game Design, Ceramics, or Art History.

These majors can lead to careers including professional artist, art teacher, graphic designer, photographer, illustrator, animator, art therapist, ceramicist, sculptor, museum or gallery curator, arts administrator, set designer, exhibition designer, user-experience (UX) designer, brand identity designer, advertising or marketing creative, fashion stylist, or multimedia content creator. Students planning to pursue advanced AP Art or design-related programs in college will benefit from the skill development and portfolio preparation emphasized throughout the Art course sequence.

Ceramics II: Functional Pottery and Sculpture

Course Number:

Course Length: Semester

Credits: 0.5 - NCAA Eligible (pending) & NHS Eligible

Open to: Sophomores, Juniors, & Seniors

Prerequisite: Ceramics I

New course for the 2026-2027 school year! Building from the skills acquired in Ceramics I students will create both functional pottery and decorative ceramic sculptures. They will utilize their handbuilding skills and create more intentional works of 3D art. Students will also explore functional pottery through the use of the pottery wheel. This course will also discuss the ways ceramics has historically contributed to society. This course will investigate the roles of practice, experimentation and revision in the artmaking experience.

Business Department Course Edits

Financial Literacy - FINLHS00AD

Course Number: FINLHS00AD

Course Length: semester Credits: .5 - NCAA Eligible & NHS Eligible - requirement for high school graduation

Open To: juniors, seniors

~~Financial literacy is now a requirement for high school graduation in The State of Ohio. Financial literacy is a class where you will learn things that you can put to use in your life right now, and in the near future. The content covered in financial literacy has immediate implications for high school students as you begin to make large financial decisions such as purchasing cars, signing contracts for places to live or taking out loans to continue your education. The goal of financial literacy instruction is to provide you with the knowledge you'll need to make a lifetime of informed financial decisions. This course prepares you to understand financial literacy concepts and helps you to become a savvy consumer who can avoid scams, prepares you to make sound financial decisions, provides an overview of different types of insurance and how insurance protects individuals, explains how to create budgets and plan for unexpected expenses and provides an introduction to investing.~~

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Mandatory for Graduation. Essential for Life.

Financial Literacy isn't just a requirement for graduation in Ohio—it's the single most practical course you can take for your life **right now and in the near future.**

This course is your guide to making informed financial decisions, helping you navigate the high-stakes choices you will soon face, such as **buying your first car, signing a lease, managing student loan debt, and building credit.**

What You Will Master (and Why It Matters):

- **Scams and Safety:** Become a **savvy consumer** who can spot and avoid the most common financial scams and predatory practices.
- **Budgeting & Planning:** Learn to create realistic **budgets**, manage credit, and successfully plan for both routine expenses and unexpected financial emergencies.
- **Borrowing & Debt:** Understand the mechanics of **loans and interest.** Make smart decisions about college financing, mortgages, and consumer debt.

- **Contracts & Decisions:** Gain the knowledge you need before signing any major contract, protecting your rights and your money.
- **Insurance & Protection:** Get an overview of different types of **insurance** (auto, health, renter's, etc.) and understand how these policies protect you, your assets, and your future.
- **The World of Work (Job Search & Benefits):** Prepare for your first career steps by learning how to evaluate job offers, understand employee benefits (401k, health plans), and manage your first paycheck.
- **Taxes & The Government:** Demystify federal, state, and local taxes. Learn how to correctly fill out forms like the W-4, understand tax deductions, and grasp the basics of tax filing.
- **Introduction to Investing:** Learn the basics of how to make your money work for you, providing a foundation for long-term **wealth creation and investing**.

The goal of this course is simple: to equip you with the knowledge to make a lifetime of smart financial decisions. Don't just meet the requirement—master your money!

****NEW COURSE OFFERING****

AP Business with Personal Finance

Course Number:

Course Length: Year

Credits: 1.0 - NCAA Eligible & NHS Eligible - will fulfill the financial literacy requirement for high school graduation

Open To: juniors, seniors

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Control Your Career. Master Your Money.

Launching in the 2026-27 school year, **AP Business with Personal Finance** is a dynamic, yearlong course that provides students with the ultimate toolkit for success in both the corporate world and their personal financial lives. This course aligns closely with a college-level introduction to business curriculum, while also teaching every essential financial skill needed for adulthood.

This is a dual-impact course: it gives you the **AP academic rigor** needed for college credit and the **critical life skills** required to build wealth. It will also fulfill your Financial Literacy requirement for high school graduation.

What You Will Explore:

- **The Business Disciplines:** Through real-world case studies and project-based learning, you will explore the foundations of modern commerce:
 - **Entrepreneurship** and the launch of new ideas.
 - **Marketing** and consumer engagement.
 - **Management and Strategy** for leading successful organizations.
 - **Finance and Accounting** for corporate health.
- **Essential Personal Finance:** You will learn and apply all the national standards for financial literacy, covering:
 - **Personal Saving and Borrowing.**
 - **Personal Goals and Budgeting.**
 - **Investing** for long-term growth.

Course Advantage:

You will develop both **business skills** and critical **professional and leadership skills** that are essential for deep understanding and application. Students with qualifying scores on the AP Exam can earn **college credit and/or advanced placement**, giving you a significant head start on your university degree.

Invest in your knowledge and empower your future!

Business Fundamentals - BUSFHS00AD

Course Number: BUSFHS00AD

Course Length: semester

Credits: .5 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, seniors

~~Are you interested in starting your own business someday? Or, maybe you just want to learn more about the business world in general (because, after all, you will have a job someday). Then sign up for Business Fundamentals. In this course, which is very popular with your peers, you will explore topics such as Economic Systems and Economic Activity, International Business, Social Responsibility of Business and Government, types of Business Organizations, and Entrepreneurship and Small Business Management. Highlights include speakers, a group international business project, and tips for all aspects of completing a job search.~~

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Are you ready to stop just consuming and start building?

Whether you dream of launching your own million-dollar startup or just want to be the sharpest employee in the room, Business Fundamentals is your essential roadmap. This is

one of our most popular electives, and for good reason—it gives you the real-world know-how you need, no matter what path you take after graduation.

What You'll Master:

- **Entrepreneurship:** Go from idea to execution with lessons on launching and managing your own small business.
- **The Global Economy:** Understand how money, trade, and business work on a global scale through an **international business project**.
- **Social Impact:** Explore the ethics, social responsibility, and role of government in modern business.
- **Job Market Edge:** Get tips on perfecting your resume, crushing an interview, and mastering the job search process.

Sign up and gain the business advantage! Enroll in Business Fundamentals today!

Prerequisite: None

Consumer Business - BUSCHS00AD

Course Number: BUSCHS00AD

Course Length: semester

Credits: .5 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, seniors

~~Did you see that commercial? Why is that company selling that? Why did I buy that thing? Businesses are all about attracting consumers to their products. In Consumer Business, we explore the foundation of marketing and analyze how companies spend money to attract customers. We also look at ways that businesses streamline their operations to produce goods and services in a profitable way, and study risks associated with operating a business. Ultimately, this is a business elective that is worth your time, and one you will not want to pass up.~~

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Ever wonder *why* you bought that new pair of sneakers? Or how companies manage to perfectly time their ads for the things you want most?

Consumer Business is a fast-paced, high-interest course that pulls back the curtain on the multi-trillion dollar world of marketing and consumer behavior. You'll stop being a passive target and start thinking like an industry insider.

In this course, you will explore:

- **The Marketing Mind:** Analyze modern advertising, social media campaigns, and sales strategies. Learn how businesses attract and influence consumers like you.
- **Business Efficiency:** Discover how companies streamline operations to produce high-quality goods and services profitably. This covers logistics, production, and cost management.
- **Risk & Reward:** Study the financial and operational risks inherent in running a business and the strategies companies use to manage them.

This elective offers real-world relevance that translates directly to your life and future career. Understand the power of your dollar and gain critical thinking skills that make you a smarter consumer and a more valuable employee.

Don't miss out on the most practical class you can take!

Prerequisite: None (Can be taken before Business Fundamentals)

Business Law - BSLWHS00AD

Course Number: BSLWHS00AD

Course Length: semester

Credits: .5 - NCAA Eligible & NHS Eligible

Open To: juniors, seniors

~~What's a contract? I own what? Where does it say that? I OBJECT, YOUR HONOR? Business Law is a great class for gaining a valuable understanding of our legal system in the United States. It's a must for anyone considering a business major in college. We study REAL situations that you will encounter in both your personal lives and professional careers. Highlights of this class include on-line activities, projects, contract negotiations, mock trials, and more. Please invest time in this elective so that you understand the law.~~

College Major/Career Field: Business, Pre-law, or Political science major

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Ever wonder what gives a legal document its power? What are your rights as a consumer, an employee, or a renter?

Business Law is a must-take elective that gives you a valuable, practical understanding of the U.S. legal system and how it governs your life—both now and in the future. This course goes beyond theory, focusing on REAL situations you will encounter personally and professionally. It's the essential foundation for anyone considering a business, pre-law, or political science major in college.

What You'll Master:

- **Contract Essentials:** Understand the mechanics of a binding agreement—from cell phone plans to apartment leases. You'll learn what makes a contract valid and how to protect yourself.
- **Property & Ownership:** Explore intellectual property and the laws surrounding what you own, whether it's a piece of furniture or an innovative idea.
- **Consumer Protection:** Analyze the legal framework that regulates businesses and safeguards consumers.
- **The Court System:** Gain insight into our judicial branch and common legal disputes.

Highlights & Practical Skills:

This class uses dynamic, hands-on activities to bring the law to life:

- **Mock Trial:** Step into the courtroom and argue a case as a lawyer or serve on a jury.
- **Contract Negotiation:** Practice key skills through engaging simulations.
- **Case Studies:** Analyze legal precedents and business disputes.

Don't wait until you need a lawyer to learn the law. Invest in your knowledge and empower your future!

Prerequisite: None

Accounting 1 - ACC1HS00AD

Course Number: ACC1HS00AD

Course Length: year

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: sophomores, juniors, seniors

~~Do you plan to major in a business-related field in college, or possibly start your own business someday? If not, you surely plan to get a job at some point in your life. Enrolling in Accounting must become a priority. Although it is not an AP course, this course mirrors any college's Principles of Accounting course and is taught by a former accountant, both of which will give you a tremendous advantage. You will learn the procedures and theory of double-entry accounting as it applies to a Sole Proprietorship as well as Corporations. In addition, students will also integrate the usage of Microsoft Excel into preparing and designing financial statements. Accounting is "the language of business"—so why not learn a new language?~~

College Major/Career Field: Business

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Do you want to run your own business, manage your personal finances like a pro, or major in any business field in college? Accounting is an essential skill.

Often called "**the language of business**," this course is designed to give you a massive advantage, whether you're heading to a university or straight into the workforce. This rigorous course closely **mirrors a college-level Principles of Accounting** class.

What You Will Master:

- **Double-Entry System:** Learn the fundamental procedures and theory of **double-entry accounting**, the universal method used by businesses worldwide.
- **Business Structures:** Apply accounting principles to both **Sole Proprietorships** and large **Corporations**.
- **Financial Reporting:** Discover how to read, interpret, and prepare key **financial statements** (like the Balance Sheet and Income Statement) to determine a company's health.
- **Tech Integration:** Gain valuable, practical skills by integrating **Microsoft Excel** into preparing and designing professional financial reports.

Why This Course Is a Priority:

- **College Ready:** Get a huge head start on your college business major (Finance, Management, Marketing, etc.).
- **Entrepreneurship:** If you plan to start a business someday, this is the most critical skill you can possess.
- **Career Edge:** Accounting knowledge makes you an immediate asset in any professional environment.

Learning Accounting isn't just about numbers—it's about understanding how value is created and measured. Enroll now and master the skill that drives every economy!

Prerequisite: None

Accounting 2 - ACC2HS00AD

Course Number: ACC2HS00AD

Course Length: year

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: juniors, seniors

~~A continuation of Accounting 1. This course goes beyond basic accounting procedures and considers the theory and interpretation of financial records, cost analysis, and management accounting. The purchase of a workbook is required.~~

College Major/Career Field: Business

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management.

Ready to transform from a financial recorder into a strategic business advisor?

Accounting 2 builds directly on the fundamentals you learned in Accounting 1, moving you past basic bookkeeping and into the advanced skills required for business leadership and corporate finance.

This full-year course focuses on **application, analysis, and interpretation**, preparing you for advanced college courses and management roles.

What You Will Master:

- **Financial Statement Interpretation:** Move beyond preparing ledgers to **analyzing** financial statements (like the Income Statement and Balance Sheet) to assess a company's health and performance.
- **Cost Accounting & Analysis:** Learn how businesses track, allocate, and manage expenses. This includes mastering techniques like **break-even analysis** and **budgeting**—essential skills for controlling costs and maximizing profit.
- **Managerial Accounting:** Study how financial data is used *internally* by managers to make critical decisions, such as pricing, production planning, and capital investments.
- **Advanced Theory:** Deepen your understanding of accounting theory and complex concepts related to assets, liabilities, and equity for various business structures.

Why Take Accounting 2?

- **College Success:** This course provides a significant advantage for students pursuing **Accounting, Finance, or Business Administration** in college.
- **Strategic Thinking:** Develop the analytical skills required to understand the *why* and *how* of successful business operations.

***Note:** Purchase of a dedicated workbook is required for this course.*

Take the next step and learn how to use financial data to drive business strategy. Enroll in Accounting 2!

Prerequisite: Accounting 1

Computer Applications - CMPAHS00AD

Course Number: COMAHS00AD

Course Length: semester

Credits: .5 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, seniors

~~Are you looking for a course that will give you the skills to make your high school years easier? Then Computer Applications is a must! In this course, you will learn how to format a research paper using the MLA format (you will be completing a research paper in your English 3 and English 4 courses junior and senior year — so you'll be ahead of the game). You will learn to use formulas in spreadsheets (Microsoft Excel) and insert charts of your~~

~~data (could be helpful in your science courses). In addition, you will learn the basics of databases (Progress Book is a database) using Microsoft Access. And finally, let us teach you how to put together that perfect PowerPoint Presentation. Everyone needs to enhance their skill in all of the aforementioned areas—so sign up now.~~

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Technological Literacy, Analytical Thinking, Flexibility, Creative Thinking, Curiosity and Lifelong Learning.

Tired of struggling with formatting, organization, or presentation design?

Computer Applications is the essential, practical course designed to make your high school years smoother and set you up for success in college and your career.

In this class, you won't just learn software—you'll learn **efficiency**, mastering the digital tools that power academics and the professional world.

What You Will Master:

- **Academic Edge (Word Processing):** Learn professional document formatting, including mastering the complex **MLA format** used in your upcoming English 3 and English 4 research papers. Get a massive head start on your required high-level assignments!
- **Data Analysis (Spreadsheets/Excel):** Move beyond basic data entry. You will learn to use essential **formulas, calculations, and charting features** in Microsoft Excel—skills that are critical for success in your science, math, and business courses.
- **Information Management (Databases/Access):** Understand the structure and power of databases (like the ones used for school records, medical files, and customer lists). Learn the basics of organizing, querying, and reporting data using Microsoft Access.
- **Dynamic Presentations (PowerPoint):** Go from boring slides to captivating presentations. Learn advanced design principles and techniques to create **impactful, professional slideshows** that earn higher marks.

Every student needs these skills. Sign up for Computer Applications and gain the critical digital confidence that will make your life easier starting *today!*

Prerequisite: None

Advanced Computer Applications - CPAAHS00AD

Course Number: CPAAHS00AD

Course Length: semester

Credits: .5 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, seniors

~~This course will introduce and integrate the data processing features of Microsoft Office. Students will use advanced features of Microsoft Word for data processing, Excel for spreadsheet analysis, Access for Database management, and PowerPoint for multi-media presentations. Students will also use Microsoft Word to link Excel, Access, and PowerPoint objects to each other and to a web page design.~~

College Major/Career Field: ANY potential college major or career field will benefit from this class

Core Skills: Technological Literacy, Analytical Thinking, Flexibility, Creative Thinking, Curiosity and Lifelong Learning.

Level Up Your Digital Skills. Command the Office Suite.

You've mastered the basics. Now, take your digital proficiency to the next level in **Advanced Computer Applications**. This course is designed for students who want to move beyond simple software use and become experts in data management, integration, and professional communication—the skills demanded in every 21st-century workplace.

This class focuses on advanced functionality and seamless data transfer across the entire Microsoft Office Suite:

- **Advanced Data Analysis (Excel):** Dive into complex formulas, pivot tables, and sophisticated data modeling for in-depth spreadsheet analysis.
- **Database Management (Access):** Design and manage robust databases, mastering advanced queries, forms, and reporting tools.
- **Professional Publishing (Word):** Utilize high-level word processing features for large-scale document production, automated formatting, and mail merge operations.
- **Multi-Media Presentations (PowerPoint):** Incorporate advanced visual elements, animations, and media integration for professional, high-impact presentations.

The Power of Integration:

The true focus of this course is **integration**. You will learn to **link objects** from Excel, Access, and PowerPoint directly into Microsoft Word and professional web page designs. This skill allows you to create dynamic, interconnected, and automatically updating reports—a crucial ability for high-level business, research, and project management roles.

Transform your skill set from a user to an *architect* of digital information. Enroll now to gain a competitive edge!

Prerequisite: Computer Applications

AP Computer Science Principles - CMPSHS00AP

Course Number: CMPSHS00AP

Course Length: year

Credit: 1.0 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, seniors

~~AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem-solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.~~

AP Computer Science Principles (AP CSP)

College Major/Career Field: Computer Science, Programming/Software Engineering

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management, Technological Literacy.

Don't Just Use Technology—Create It.

Are you curious about how apps work, how the internet connects billions of people, or how massive companies like Google manage data? **AP Computer Science Principles (AP CSP)** is a captivating, college-level course that offers a multidisciplinary approach to understanding the **foundational concepts of modern computing**.

This rigorous and rich curriculum is designed to broaden participation in computer science by focusing on big ideas and real-world impact, regardless of your ultimate career path.

What You Will Explore & Create:

- **Creative Programming:** Learn the **creative aspects of programming** and use current technologies to build your own **computational artifacts** for self-expression and problem-solving.
- **The Digital Backbone:** Dive into **abstractions, algorithms, and large data sets**—the core elements that power every technology you use.
- **The Internet & Security:** Explore how the Internet actually works, and understand critical **cybersecurity concerns** and how to protect digital information.
- **Societal Impact:** Analyze the profound **impacts of computing** on society, culture, and the economy.

Why AP CSP?

This course goes beyond coding. It teaches you how to think logically, solve complex problems, and harness the power of technology. You will gain a deep understanding of the digital world, making you a more informed consumer, innovator, and citizen.

Join AP CSP and start building the future, not just living in it!

AP Computer Science A - CMPSHS00AP

Course Number: CMPSHS00AP

Course Length: year

Credit: 1.0 - NCAA Eligible & NHS Eligible

Open To: all

~~AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.~~

College Major/Career Field: Computer Science, Programming/Software Engineering
Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership and Social Influence, Creative Thinking, Curiosity and Lifelong Learning, Talent Management, Technological Literacy.

Learn to Code Like a Professional. Build Real Software.

Ready to dive deep into the mechanics of software development? **AP Computer Science A (AP CSA)** is a challenging, college-level course that focuses on mastering **object-oriented programming (OOP)** using the industry-standard **Java programming language**.

This course is a must for any student serious about pursuing a college major in **Computer Science, Software Engineering, or Information Technology**. You will gain the foundational skills to design and build complex applications.

What You Will Master:

- **Java Programming:** Learn to write, debug, and implement elegant, efficient code using Java, one of the most widely used and powerful languages in the world.
- **Algorithmic Thinking:** Develop and implement complex **algorithms** to process large data sets, solve difficult computational problems, and discover new information.
- **Data Structures:** Master the use of **data structures** (like arrays and lists) to efficiently organize and manage information within your programs.

- **Design & Analysis:** Learn the rigorous process of **designing solutions** to real-world problems and **analyzing** the efficiency and correctness of potential solutions.
- **Ethics in Tech:** Critically examine the **ethical and social implications** of computing systems and their impact on society.

Why Take AP CSA?

This is not just a coding class; it's a deep dive into problem-solving. By completing this course, you will be prepared for advanced college computer science curricula and gain a credential highly valued by universities.

Ready to become a programmer? Enroll in AP CSA and start writing the code that shapes the digital future!

English Department Course Edits

Reading, writing, listening, and speaking are essential to all college majors and future careers. As such, all English courses are essential to the pursuit of any post-secondary degree and success in the professional world. The majors and potential careers listed following each course are just a highlight of the unlimited possibilities for students interested in any area of study or career.

AP Literature & Composition - ENG4HS12AP

Course Number: ENG4HS12AP

Course Length: year

Credits: 1.0- NCAA Eligible & NHS Eligible

Open To: seniors

This course prepares students for the AP English Literature and Composition exam with the goal to teach students to read and write about college-level texts. It is designed to align with an introductory college-level literary analysis course. This AP Literature and Composition course requires that students close read and analyze a variety of college-level texts across all literary genres to deepen their understanding of literature and writing. Students will engage in activities to understand how and why writers use literary devices to make meaning and tell a story. Writing assignments will prepare students to write expository, analytical, and argumentative essays that require students to analyze and interpret literary works with the meaning of the work as a whole in mind. Summer reading and a final, polished draft of a Common App college essay are required to be submitted on the first day of school. Enrolled students will be required to take the Advanced Placement

Literature and Composition exam. This course can result in college placement credit for successful candidates.

College Composition I & II - CCM1HS00CP & CCM2HS00CP

Course Number: CCM1HS00CP & CCM2HS00CP

Course Length: 2 semesters- NCAA Eligible & NHS Eligible

~~An introduction to fundamental college-level skills in academic reading and writing. ENG1010 will focus on academic writing; reading and interpretation of selected texts. While ENG1020 will study persuasive and argumentative writing with an emphasis on analysis and research; reading and interpretation of selected texts. Course may be thematically organized.~~

An introduction scaled to advanced college-level reading, writing, and public speaking based on academic texts and literature. ENG 1010 will focus on writing compositions using appropriate rhetorical strategies that may include but are not limited to summary, analysis, report, reflection, narration, proposal, persuasion, and argumentation, with opportunities for response and revision. ENG 1020 builds on the skills learned in ENG 1010. ENG 1020 is a study and practice of persuasive and argumentative writing with emphasis on analysis and research; reading and interpretation of selected texts. Both courses may be thematically organized. *Lecture: 3 hours.*

Students would earn college credit transferable to all Ohio public universities as well as high school credit. Summer completion of the Common App college essay is required.

Post Secondary Majors/Areas of Study	Potential Careers
<ul style="list-style-type: none">• English• Education• Communications• Journalism• Public Relations	<ul style="list-style-type: none">• Anthropologist• Medical Humanist• Lyricist• Screenwriter• Public Relations• Lawyer/Attorney• Paralegal

ENG 1010 Prerequisite: Appropriate placement test score on the Tri-C placement test or at least a “B” average in all previous English classes. ENG 1020 Prerequisite(s): ENG-1010

College Composition I. It should be noted that this course is ideal for seniors because the Common Application essay is taught.

Yearbook - YRBKHS00AD

Course Number: YRBKHS00AD

Course Length: year

Credits: 1.0- NHS Eligible & Quill & Scroll Eligible

Open To: freshmen, sophomores, juniors, seniors; repeatable

~~In Yearbook, we don't just create a book — we create a community that shares memories. We are historians, journalists, and artists who create a photojournalistic book that will be on shelves for many years to come. You'll learn photojournalism, story and caption writing, fundamentals of graphic design, Photoshop and InDesign, interviewing skills, themed story building, marketing, small business fundamentals, the importance of teamwork, and time management through the real-world experience of producing the 240 page BBHHS Yearbook: Beehive.~~

In Yearbook, we don't just create a book — we create a community that shares memories. We are historians, journalists, and artists who create a photojournalistic book that will be on shelves for many years to come. Students will gain skills in page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.

Students will be given challenging real world projects and assignments typical of the graphic design and publishing industries. High quality work is expected and students will be given opportunities to redo work until it meets standards specified during instruction. Classroom activities will include reading, research, projects, and problem solving. Students will often work in teams, but will be expected to complete individual assignments in relation to the team's work.

Prerequisite: Application approval. Once a student requests the yearbook course, an application form will be issued to the student. All on-time applications will be reviewed. All applicants will then be notified of the determination of their ability to take the course.

Post Secondary Majors/Areas of Study	Potential Careers
• Journalism	• Reporter/Editor

<ul style="list-style-type: none"> • Political Science • Business • Public Relations • Visual Communication Design • International Relations 	<ul style="list-style-type: none"> • Visual Communications Designer • Graphic Designer • Content Creator • Marketing Manager • Photographer • Public Relations • Human Resources Manager • Content Manager Strategist • Technical Writer • Attorney
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Honors Advanced Yearbook

Course Number: YRBKHS00AD

Course Length: year

Credits: 1.0- NHS Eligible & Quill & Scroll Eligible

Open To: sophomores, juniors, seniors; repeatable

In Honors Advanced Yearbook, students lead the class in page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in leadership, time management, marketing, teamwork, and design principles.

Students will be given challenging, advanced real world projects and assignments typical of the graphic design and publishing industries. High quality work is expected and students will be given opportunities to instruct first year students. Advanced students often lead teams to create and edit sections of the yearbook.

Prerequisite: Completion of Yearbook I with a “B” or higher. Application approval. Once a student requests the Honors Advanced Yearbook, an application form will be issued to the student. All on-time applications will be reviewed. All applicants will then be notified of the determination of their ability to take the course.

Post Secondary Majors/Areas of Study	Potential Careers
<ul style="list-style-type: none"> • Journalism • Political Science • Business • Public Relations • Visual Communication Design 	<ul style="list-style-type: none"> • Reporter/Editor • Visual Communications Designer • Graphic Designer • Content Creator • Marketing Manager

<ul style="list-style-type: none"> • International Relations 	<ul style="list-style-type: none"> • Photographer • Public Relations • Human Resources Manager • Content Manager Strategist • Technical Writer • Attorney
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HPE Department Course Edits

Possible College Majors for HPE Courses: Exercise Science. Physical Education / K-12 Health & Physical Education, Kinesiology, Athletic Training, Sports Management, Recreation & Leisure Studies, Coaching & Leadership, Sports Psychology, Nutrition / Dietetics.

Possible Career Paths for HPE Courses: Physical Education Teacher, Athletic Trainer (ATC), Personal Trainer or Strength Coach, Sports Coach, Fitness Center Manager, Physical Therapist, Occupational Therapist, Recreation Specialist (parks & recreation), Youth Sports Coordinator, Sports Performance Technician

Math Department Course Edits

Elimination of Honors Pre Calculus and Honors Calculus due to replacement with AP Pre Calculus and AP Calculus AB

~~Honors Calculus – CAL1HS00HN~~

~~Course Number: CAL1HS00HN~~

~~Course Length: year~~

~~Credits: 1.0 – NCAA Eligible & NHS Eligible~~

~~Open To: juniors, seniors~~

~~Required: Graphing Calculator – (Numworks or TI 84 Plus recommended)~~

~~Study of limit theory; differential calculus and its applications; integral calculus and its applications. The pace of this course will be slower than AP Calculus and therefore is not intended to prepare students for the AP test.~~

~~Prerequisite: Honors Pre-Calculus; teacher recommendation from Pre-Calculus~~

~~Honors Pre-Calculus – PRECHS00HN~~

~~Course Number: PRECHS00HN~~

~~Course Length: year~~

~~Credits: 1.0 - NCAA Eligible & NHS Eligible~~

~~Open To: sophomores, juniors~~

~~Required: Graphing Calculator - (TI 84 Plus recommended)~~

~~Honors Precalculus is a 4th Year high school math course that includes an introduction to calculus with functions, graphs, limits, area under a curve, and rates of change. A focus on algebra is woven throughout the course, focusing on functions, trigonometry, complex numbers, conic sections, probability, vectors, and matrices.~~

~~Prerequisite: Honors Algebra 2/Trigonometry with a grade of "B" or better, or teacher recommendation~~

AP Precalculus - PRECHS00AP

Course Number: PRECHS00AP

Course Length: year

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: sophomores, juniors

Required: Graphing Calculator - (TI 84 Plus or Numworks)

AP Precalculus is the study of functions, graphs, limits, area under a curve, and rates of change with an emphasis on algebraic manipulations, graphical analyzation, and communication and reasoning. Functions studied include: polynominal, rational, exponential, logarithmic, trigonometric, polar, parametric and functions involving vectors and matrices. Students are required to take the advanced placement exam.

Prerequisite: Honors Algebra 2/Trigonometry with a grade of "B" or better, or teacher recommendation

Majors/Jobs: Engineering, Actuarial Science, Computer Science, Business/Finance, Architecture, Education, Medical, Electrician, Skilled Trades, Natural Sciences, Careers in the Arts

Music Department Course Edits

Participation in BBHHS music courses, including band, orchestra, choir, jazz ensemble, music theory, and music appreciation, helps students build strong skills in creativity, collaboration, discipline, and performance. These experiences connect to a wide range of

college majors such as Music Performance, Music Education, Composition, Music Therapy, Music Technology, Audio Engineering, Arts Management, and Music Business. Related career pathways include performing, teaching, conducting, composing, recording and production, arts administration, music therapy, and technical fields such as sound engineering or instrument repair. Music study supports lifelong learning and prepares students for success in college, careers, and the arts.

Music Department Course Edits

Changed course descriptions for Symphonic Band, Wind Ensemble, and Concert Band to reflect Marching Band practice time and requirements.

Participation in BBHHS music courses, including band, orchestra, choir, jazz ensemble, music theory, and music appreciation, helps students build strong skills in creativity, collaboration, discipline, and performance. These experiences connect to a wide range of college majors such as Music Performance, Music Education, Composition, Music Therapy, Music Technology, Audio Engineering, Arts Management, and Music Business. Related career pathways include performing, teaching, conducting, composing, recording and production, arts administration, music therapy, and technical fields such as sound engineering or instrument repair. Music study supports lifelong learning and prepares students for success in college, careers, and the arts.

Symphonic Band - BNDSHS00AD

Course Number: BNDSHS00AD

Course Length: year

Fee: Pay to Participate, Band Booster Fee, School Instrument Fee

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, and seniors

~~Symphonic Band is a performing ensemble open to all wind, brass and percussion students. The group will perform several concerts during the year and will emphasize the study of basic musicianship skills and improvement of fundamentals. The Symphonic Band class meets every school day (for credit). Opportunities for playing in small groups and solos will also be available.~~

SYMPHONIC BAND: The Symphonic Band is a performing ensemble open to all wind and percussion students. The group will perform several concerts during the year and will emphasize the study of basic musicianship skills and improvement of fundamentals. The Symphonic Band class meets every school day (for credit). Opportunities for playing in small groups and solos will also be available. *Concert Season Only students will be placed here regardless of ability.*

Prerequisite: No audition required.

Concert Band - BNDCHS00AD

Course Number: BNDCHS00AD (office use only - selected by the director)

Course Length: year

Fee: Pay to Participate, Band Booster Fee, School Instrument Fee

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, and seniors

~~Concert Band is open to wind, brass and percussion instrumentalists who have achieved a specific level of playing ability. Admittance into this class is based on auditions and demands the highest commitment to a performing ensemble. In addition to the performance of modern wind literature and transcriptions, the fundamentals of wind performance such as breathing skills, embouchure strength and flexibility, finger strength and speed, and articulation ability will be emphasized.~~

CONCERT BAND: The Concert Band is open to wind and percussion instrumentalists who have achieved a specific level of playing ability. Admittance into this class is based on auditions and demands the highest commitment to a performing ensemble. In addition to the performance of modern wind literature and transcriptions, the fundamentals of wind performance such as breathing skills, embouchure strength and flexibility, finger strength and speed, and articulation ability will be emphasized. *You must be in Marching Band in order to be in this ensemble (effective 2026-2027)*

Prerequisite: All members are selected through auditions with the director(s)

Honors Wind Ensemble - ENSWHS00HN

Course Number: ENSWHS00AD (office use only—selected through director)

Course Length: year

Fee: Pay to Participate, Band Booster Fee, School Instrument Fee

Credits: 1.0 - NCAA Eligible & NHS Eligible

Open To: freshmen, sophomores, juniors, and seniors

~~Wind Ensemble is the top performing ensemble at Brecksville-Broadview Heights High School. Admittance into this class is based on auditions and demands the highest commitment to a performing ensemble. Private study is highly recommended. In addition to the performance of difficult modern wind literature and transcriptions, the fundamentals of wind performance such as breathing skills, embouchure strength and flexibility, finger strength and speed, and articulation ability will be emphasized. After school sectionals and rehearsals (brass, percussion, and woodwind) will be posted and attendance is mandatory. Sectionals will begin January through March.~~

WIND ENSEMBLE: The Wind Ensemble is the top performing ensemble at Brecksville-Broadview Heights High School. Admittance into this class is based on auditions and demands the highest commitment to a performing ensemble. Private study is highly recommended. In addition to the performance of difficult modern wind literature and transcriptions, the fundamentals of wind performance such as breathing skills, embouchure strength and flexibility, finger strength and

speed, and articulation ability will be emphasized. *You must be in Marching Band in order to be in this ensemble (effective 2026-2027)*

After school sectionals and rehearsals (brass, percussion, and woodwind) will be posted and attendance is mandatory. Sectionals will begin January through March.

Prerequisite: All members are selected through an audition with the directors.

Social Studies Department Course Edits

Eliminated course: Global Geography due to lack of enrollment

Professional/Career/Service Internship Course: Expanded course description to include earning Ohio Means Job Seal

~~Global Geography—GLBGHS00AD~~

~~Course Number: GLBGHS00AD~~

~~Course Length: semester~~

~~Credits: .5—NCAA Eligible & NHS Eligible~~

~~Open To: freshmen, sophomores, juniors, seniors~~

~~Global Geography explores the modern world we live in. The emphasis will be on the 5 major themes of geography (Location, Place, Human Environment, Movement of Goods, and People and Regions). Students will engage in a variety of activities most of which will be map-related. Prerequisite: None~~

Professional/Career/Service Internship - CAIntern

Course Number: CAIntern

Course Length: Semester

Credits: 3 - NHS Eligible

Open To: Seniors

Through classroom instruction and a semester educational partnership or shadowing placement, students develop critical thinking, communication, collaboration, creativity, problem-solving abilities, and the professional soft skills needed for success in college and in the workforce. This course emphasizes authentic work-based learning experiences designed to prepare students for meaningful employment immediately upon graduation. Students may enroll in the course for both semesters.

Students will explore a career field or service opportunity, receive workplace training, and learn about career pathways, advancement opportunities, and required education or certifications in their selected field. *The course is scheduled at the end of the school day and **provides students with***

release time from the academic day to participate in their internship or work-based experience in place of traditional coursework for the duration of the semester.

Students are responsible for coordinating their internship or work placement; however, assistance may be provided through our CVCC Career Specialist Liaison. Throughout the experience, students complete weekly reflection journals and a culminating project or presentation demonstrating learning and growth.

Students who complete all course requirements, including 250+ hours of work-experience will automatically earn the Ohio Means Jobs Seal. This course will prepare students for professional environments in any career sector they may wish to explore and will provide students with career connections for post-secondary preparation.

Prerequisite: Counselor recommendation and an approved work-based learning supervising partner submitted before enrollment in the course.