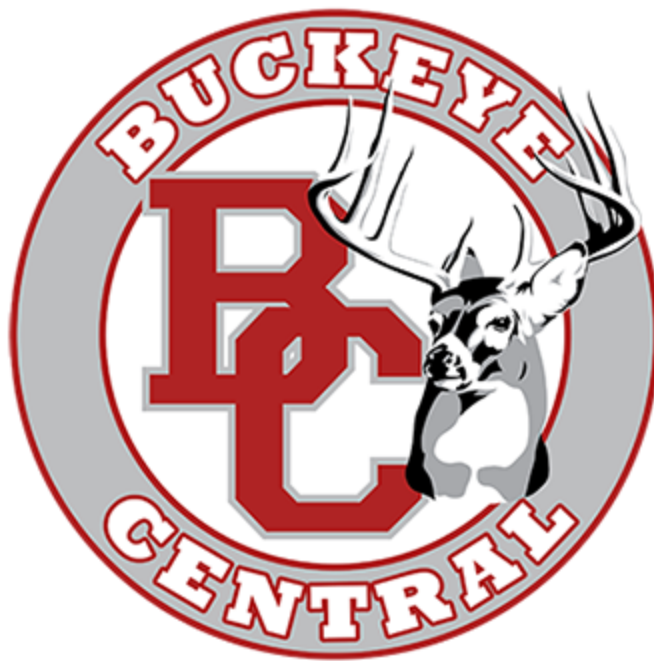


# BUCKEYE CENTRAL HIGH SCHOOL



## HANDBOOK OF COURSES 2023-2024



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## **PLANNING YOUR SCHEDULE:**

Planning your schedule for high school requires yearly self-appraisal. You must examine your interests and goals. Study the various curriculum offerings and the requirements needed to undertake the next desired step in the educational process.

Read through this booklet carefully and thoughtfully. Your counselor, teachers and parents will aid you in any way possible. Following a career-technical program (Pioneer Career and Technology Center) does not rule out college but may provide the motivation and skills necessary to lead you to realistic educational goals.

## **COUNSELING SERVICES:**

Counseling services are an integral part of the Buckeye Central School System. Every effort is made by the staff to assist the student to recognize his/her abilities and interests and to make available pertinent information that will be of value in scheduling courses. The counselor periodically reviews each student's course selection, and coupled with the recommendations from the staff, assists each student to meet graduation requirements and to formulate realistic goals. It is ultimately, however, each student's responsibility to understand and meet all graduation requirements.

Parent cooperation and participation is a vital part of the counseling program. Our counselor invites and welcomes parents throughout the year for conferences. Appointments may be made by calling the school counselor at (419) 492-1021.

## **SCHEDULE CHANGES:**

The courses selected will determine the schedule of classes for the next school year. Once courses have been selected and verified, the **student is expected to follow through with the courses chosen**. If a schedule change is needed, the student must get **approval** from the school **counselor, teachers involved and parents**.

The deadline for all course changes is **ten school days into the semester** unless otherwise announced. Should special circumstances necessitate a schedule change after the ten day period, the student must have a conference with the school counselor and the principal to determine course status. Any course change made after the ten days will require any obtained grades from the previous course to carry over into the new course.

## **COURSE FEES:**

Some courses may require payment of fees. Any required fees are due when the semester begins. Fees must be paid before course credit or grade cards will be given.

## **REPORT CARDS:**

The school year consists of two semesters. Each semester is divided into two nine-week grading periods. Interim reports are mailed to parents midway through each of the nine-week grading periods.

## **ACADEMIC INDIVIDUALIZED HELP:**

Buckeye Central High School fully expects each student to make school work and grades a top priority. If a student is doing their best and is still struggling in a class, they should first contact the teacher of the subject for assistance. The second step would then be to contact the school counselor. The school counselor will then offer possible suggestions for the student and/or teacher to try to improve performance. If this still does not help the situation, a conference between the parents, teachers and school counselor should be arranged.

## **GRADE POINT AVERAGES (G.P.A.):**

Grade Point Averages and Class Rank are very important when applying for scholarships and colleges. These are figured at the end of each semester. Students will have two different high school G.P.A. scales. The first scale will be the traditional 4.0 scale and this will be used for colleges and universities that require reporting from a 4.0 scale. The second scale will be an "Add-On System". The "Add-On System" will be used to determine the class Valedictorian and Salutatorian. It will also be used to determine class rank for some scholarship competitions. Valedictorian and Salutatorian will be determined after the 7th semester is complete.

Students who take certain courses that are marked "Add-On Course" in this booklet, will receive an additional .05 (.025 per semester). Per HB 487, College Credit Plus courses must receive the equivalent Add-On percentage as any other high school Add-On course in the same subject. If a student receives a grade of D or F in the course, they do not receive the "Add-On". Courses taken through the College Credit Plus Program must be approved by the Principal before any credit is awarded. Make sure you check with the school counselor before you sign up for any of these courses.

## **PERMANENT RECORD – TRANSCRIPT:**

A permanent record is maintained for each student. This record indicates academic grades, credits earned, standardized test scores, attendance figures and other vital information. When a current or previously enrolled Buckeye Central student needs a copy of their permanent record (a transcript) for college application, scholarship application, transfer to another school, personal reference or for any other reason, the student should fill out the transcript request form located in the school counseling office and return it to the school counselor in advance of any deadlines. The school secretary will handle all school transfers and process transcripts for past graduates. There will be a \$3.00 transcript charge for past graduates.

## **COURSE LOAD:**

There are nine periods per day at Buckeye Central High School. **All students must cover 7 periods with academic courses** or have made other arrangements with the principal.

## **REQUIRED COURSES:**

Students who fail required subjects must repeat these courses. Summer and online courses from accredited schools will be accepted toward graduation requirements with approval of the principal. See the school counselor for information on these courses.

## **GRADUATION REQUIREMENTS & PATHWAYS:**

All of the following must be met to participate in the graduation ceremony.

\*21 Total Credits

4 credits of English (English I, English II)  
4 credits of Math (including Algebra II or equivalent)  
3 credits of Science (including Physical, Biology and advanced course)  
3 credits of Social Studies (including World History, U.S. History, Government)  
1/2 credit of Physical Education  
1/2 credit of Health

1/2 credit of Financial Management – exempt if going to Pioneer Career & Technology Center

1 credit of Fine Art — If not taken in Jr. High/exempt if going to Pioneer Career & Technology Center. All Art and Music classes count toward this credit. Must take in High School if trying to obtain an Honors Diploma.

1/2 credit of Senior Seminar

Additional credits earned through Electives

**Credit Flexibility** is an option to earn credit in a non-traditional manner and is available to all students through an application process. See your school counselor for more information.

See page 48 for Graduation Pathways and Graduation Seals

## **College Credit Plus (CC+)**

College Credit Plus is a program that gives high school students an opportunity to be enrolled in both high school and college course work at the same time. For the student who is eligible for College Credit Plus, he/she must be academically ready for college level courses and be willing to follow the procedures outlined by the university while still in high school. Students will enjoy the following benefits:

- Students may earn (transcribed) college credit and high school credit upon completion of the course
- Accelerated achievement of educational goals
- Eliminate duplication of high school and college course content
- Increase the rigor and challenge of course offerings while in high school

### **How are college credits converted to high school credit?**

5 semester credits=	1.0 high school Carnegie Credit
4 semester credits=	1.0 high school Carnegie Credit
3 semester credits=	1.0 high school Carnegie Credit

### **Transfer of credits/transcripts**

Credits earned through College Credit Plus are transferable to many public and private institutions in Ohio and out of state. Students who want to transfer to another university will need to send their transcript from the Institution of Higher Learning to the university they plan to attend. Many of these courses apply towards the general education requirement or as electives at that school. Two websites are available to help students fully understand what courses will transfer: [www.transfer.org](http://www.transfer.org) or [www.ohiomeanssuccess.gov](http://www.ohiomeanssuccess.gov).

## **PLANNING FOR COLLEGE:**

A college bound student and his/her parents should plan an educational path which will meet the requirements of the college and the needs of the student. College catalogs and bulletins from various four-year, two-year, and other institutions are available in the school counseling office. The school counselor is available to advise and assist students and parents in planning for the future. Primary factors colleges consider in admitting students are:

- High school subjects taken
- High school grades
- ACT test scores or SAT test scores
- Recommendations from teachers as to the aptitude of pupils

Many college representatives visit Buckeye Central throughout the school year (mainly in the fall) to talk with potential students and to explain the various programs their school has to offer. Seniors are permitted to schedule appointments with the college representatives two days prior to the visit. College representative visits will be communicated to the students via the morning announcements.

Seniors are encouraged to visit colleges to better select the right school for them. Each senior is permitted two excused college visit days. Juniors are permitted two excused college visit days during the second semester. College visits must be approved by the school counselor and the principal two days ahead of the scheduled visit. More than two days of college visits will require principal approval. Student attendance and grades will be considered to decide approval.

Scholarship information is generally communicated on morning announcements and/or posted on the bulletin board near the School Counseling Career Center and posted on the Buckeye Central website under school counseling-scholarships. Most scholarships are awarded to those students with a good G.P.A. and high ACT scores. Ultimately, it is the student's responsibility to find scholarship money.

## **COLLEGE ENTRANCE REQUIREMENTS:**

The minimum requirements for unconditional college entrance to most Ohio colleges are as follows:

English	4 credits
Math	4 credits
Science	3 credits
Social Studies	3 credits
World Language	2 credits
The Arts	1 credit

## **COLLEGE SPORTS - NCAA CLEARINGHOUSE:**

**Juniors** planning to participate in college athletics at a Division I or II school must register for the clearinghouse. The NCAA has specific eligibility requirements. ACT/SAT scores must be sent directly from the testing agency to NCAA.



Use the boxes below to check course compliance for NCAA requirements.

**DIVISION I**  
**16 Core-Course Rule**

**16 Core Courses:**

4 years of English \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_  
3 years of mathematics (Algebra 1 or higher) \_\_\_\_ \_\_\_\_ \_\_\_\_  
2 years of natural/physical science (1 year of lab if offered by high school) \_\_\_\_ \_\_\_\_  
1 year of additional English, mathematics or natural/physical science \_\_\_\_  
2 years of social science \_\_\_\_ \_\_\_\_  
4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy) \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

**DIVISION II**  
**16 Core-Course Rule**

**16 Core Courses:**

3 years of English \_\_\_\_ \_\_\_\_ \_\_\_\_  
2 years of mathematics (Algebra 1 or higher) \_\_\_\_ \_\_\_\_  
2 years of natural/physical science (1 year of lab if offered by high school) \_\_\_\_ \_\_\_\_  
3 years of additional English, mathematics or natural/physical science \_\_\_\_ \_\_\_\_ \_\_\_\_  
2 years of social science \_\_\_\_ \_\_\_\_  
4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy) \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

Only **core courses** are used in the calculation of the grade-point average.

Buckeye Central's current list of NCAA approved core courses is as follows. This list will be changing to match current class offerings. Be sure to frequently review the list at [www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org) to stay current and informed.

## **Buckeye Central NCAA Approved Courses**

### **ENGLISH**

English I  
English II  
American Literature  
Research/Communication  
World Literature  
British Literature  
Modern Novel  
Creative Writing I  
Creative Writing II  
Nonfiction and Its Place in History

### **SOCIAL STUDIES**

World History	Sociology
US History	American Government
Contemporary Issues	Ohio History
America at War	World Geography
Psychology	Nonfiction and Its Place in History

### **MATHEMATICS**

Algebra I	Advanced Algebra I
Geometry	Advanced Geometry
Algebra II	Advanced Algebra II
Pre-Calculus	Calculus
Advanced Algebra with Financial Applications	

### **NATURAL/PHYSICAL SCIENCE**

Chemistry	Advanced Chemistry
Biology	Advanced Biology
Anatomy and Physiology	
Physical Science	
Physics	

### **ADDITIONAL CORE COURSES**

Spanish I  
Spanish II  
Spanish III  
Spanish IV

For complete information, go to the NCAA Eligibility website at [www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org).

## **PIONEER CAREER AND TECHNOLOGY CENTER:**

Pioneer is an extension of Buckeye Central High School. Students who attend receive a Buckeye Central Diploma. Students may take advantage of this option beginning their junior year. Pioneer stresses a hands-on approach to education and many students go on to 2-year and 4-year colleges. Applications are completed during the spring of the sophomore year.

## **TRANSFERS TO AND FROM PIONEER:**

Once a student has applied to, been accepted and commits to attending Pioneer, they are **required to attend at least 5 school days**. Buckeye Central High School **will not allow a student to return to Buckeye Central after 15 school days** unless extreme circumstances arise and the student gets the approval of the principals of both schools.

## **OHIO END OF COURSE TESTS (EOC):**

All students graduating in 2023 and beyond must meet graduation requirements. See pages 44-48 for details.

## **PSAT TEST - THE PRELIMINARY SCHOLASTIC APTITUDE TEST:**

This test is administered to 11<sup>th</sup> grade students. The test is designed to judge how a student may do on a college entrance examination such as the SAT. The PSAT measures verbal and mathematical abilities, which are key predictors of college success. This test is also used by the National Merit Scholarship Committee to determine National Merit Scholars.

## **AMERICAN COLLEGE TEST (ACT)** **SCHOLASTIC APTITUDE TEST (SAT):**

These tests are college entrance examinations. All students are required to submit a score from one of these two tests before they can be admitted to a particular college. Most Ohio schools require the ACT. It is advisable to check with individual colleges regarding their requirements. All Juniors will be given the ACT in the spring.

The American College Test (ACT) has sub-tests in the areas of English, Mathematics, Social Studies, Natural Science, and Writing. A composite score is compiled to give an overall picture of a student's abilities and potential. Testing dates and application materials are available in the guidance office.

The Scholastic Aptitude Test (SAT) measures ability in verbal and mathematics. A score is compiled to give a picture of the overall ability of a student. Testing dates and application materials are available in the counseling office.

## PLANNING PAGE

### 9<sup>th</sup> Grade

English I  
Math \_\_\_\_\_  
Physical Science  
World History  
Phys. Ed. (1/4)  
Health (1/2)  
Fine Art  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Credits: \_\_\_\_

### 10<sup>th</sup> Grade

English II  
Math \_\_\_\_\_  
Biology  
U. S. History  
Phys. Ed. (1/4)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Credits: \_\_\_\_

### 11<sup>th</sup> Grade

English \_\_\_\_\_  
Math \_\_\_\_\_  
Advanced Science  
Financial Man. (1/2)  
(If not attending Pioneer.)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Credits: \_\_\_\_

### 12<sup>th</sup> Grade

English \_\_\_\_\_  
Math \_\_\_\_\_  
Amer. Gov't.  
Senior Sem. (1/2)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Credits: \_\_\_\_

Other classes I am interested in:

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What I might like to do for my career:

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# COURSE OFFERINGS

## ART

### **The purposes of the art program are:**

To promote and encourage a technical and aesthetic means to enjoy the visual arts. • To develop perceptual and intellectual art skills toward a career. • To encourage good individual aesthetic judgment for use as an informed consumer. The art department provides both year-long and semester classes. All classes promote creative thinking and problem solving through higher order thinking skills. Students will exhibit an understanding of art concepts through individual application in studio experiences.

### **ART 1 / 0113 - College Prep - Credit 1.00**

**Art 1 is an elective course for grades 9,10,11, and 12.** Art 1 is the beginning course for all art courses. Students will learn the language of art. Beginning with the elements and principles of art, students will learn the art criticism process of discussing art. Students will learn how to look at, write about, and talk about art. Students will learn the basics of foundational drawing, painting, clay, and sculpture. Through various mediums and techniques of art, students will learn how to create and produce a variety of two and three dimensional studio pieces of artwork to build a portfolio. Students are required to complete monthly sketchbook assignments.

### **ART 2 / 0114 - College Prep - Credit 1.00**

#### **Prerequisite: Art 1 and a successful B average in Art 1.**

Art 2 is an elective course for grades 10, 11, and 12. Art 2 is a continuation of Art 1 and builds upon concepts learned previously as well as new techniques. The course includes new and more difficult processes such as printmaking, clay, drawing, and painting. Students are expected to take part in the art criticism process and discussion as well as written assignments. Students will also learn about the historical correlation of art and history as well as the variety of historical movements in art.

### **ART 3 / 0115 - College Prep - Credit 1.00**

#### **Prerequisite: Art 2 and a successful B average in Art 2.**

Art 3 is an elective course for grades 11 and 12. Art 3 is a continuation of Art 2 and builds upon concepts learned previously as well as new techniques. The course includes new and more difficult processes such as printmaking, sculpture, clay, collage, and oil painting. Students are expected to take part in the art criticism process and discussion as well as written assignments. Students will also learn about the historical correlation of art and history as well as the variety of historical movements in art. Students are expected to research and report on a variety of artists and movements in art.

**ART 4 / 0116 - College Prep - Credit 1.00**

**Prerequisite: Art 3 and a successful B average in Art 3.**

Art 4 is an elective course for grade 12. Art 4 is a continuation of Art 3 and builds upon concepts learned previously as well as new techniques. The course includes new and more difficult processes as well as independent assignments. Projects will require more thought and thoroughness. Students are expected to take part in the art criticism process and discussion as well as written assignments. Students will also learn about the historical correlation of art and history as well as the variety of historical movements in art. Students are expected to research and report on a variety of artists and movements in art. Students will prepare artwork for gallery presentation and portfolio review.

**YEARBOOK / 0118 - College Prep- Credit 1.00**

Yearbook is a project-based class in which students create a history of the school year. Course topics center directly around developing the ideas and techniques necessary for completing a successful yearbook. Course content will be addressed through hands-on activities with an emphasis on Internet based desktop publishing and graphic design and writing skills. Students are expected to attend and photograph school events, interview members of the school community, research stories, collect student data and sell ads in the community to fund the annual.

## **Buckeye Central Sample Program of Study**

Earn Microsoft Applications Certificate

### **Required Academic, Elective and Career Technical Courses**

<b>Grade</b>	<b>English</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>
9	English 9	Agebra 1/Advanced Geometry	Physical Science	World History	Health/PE	Marketing-HS	
10	English 10	Geometry/Advanced Algebra 2	Biology	American History	PE/	Word/Word Advanced	Excel/Excel Advanced
11	English 3 <sup>rd</sup> credit	Algebra 2/Pre-Calc	Chemistry		Powerpoint/Access	Accounting-HS	
12	English 4 <sup>th</sup> credit	Algebra with Financial App/Calc		Government	Senior Sem / Financial Mgmt		Possible Job/ Internship

### **Business CCP**

Earn Microsoft Applications Certificate

<b>Grade</b>	<b>English</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>
9	English 9	Advanced Geometry	Physical Science		Health/PE	Marketing – HS	Spanish
10	English 10	Advanced Algebra 2	Biology	World Civ/ American History	Into to Business & Entrep / PE	Word/ Word Advanced	Spanish
11	English 3 <sup>rd</sup> credit	Pre-Calc	Chemistry	Psyc/Soc	Powerpoint/Access	Marketing Fin Acct/ Man. Acct.	
12	Comp I/ Tech Writing or Business Communications	Prob and Stats		Government	Senior Sem/Financial Mgmt.	Workplace Tech/ Business Intelligence	Management

### **Sample CCP Curriculum Resulting in Business Analytics Associate Degree**

<b>College</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>	<b>Course</b>
1 <sup>st</sup> Semester	Stats. Analysis	Data Mgmt.	Marketing	Speech	Bus Law & Ethics	Case Studies in Business or Coop/Seminar

\*Possible to start CCP in 9th grade to finish with an associates from NCSC by graduation.

## **BUSINESS ELECTIVES**

### **ACCOUNTING / 0210 – Credit 1.00**

Accounting is an elective course for grades 10, 11 and 12. This is an introductory course that deals with the major principles of bookkeeping for businesses and individuals. Students planning to attend PCTC and major in a business related field should take this course as a prerequisite. This course also helps prepare those students who are interested in pursuing a business-related degree in college.

### **ECONOMICS / 0211 – Credit 1.00**

The study of economics will provide students with an in-depth look at the American Free Enterprise System, the role of government in the American economy, the U.S. stock market and the laws of supply and demand in the marketplace. Students will also take a close look at the many current business events that are taking place in our society. This is an elective course for students in grades 10, 11 and 12.

### **CONCEPTS OF ENTREPRENEURSHIP / 0212 – Credit .50**

Entrepreneurship is an elective course for grades 9-12. Students will be taken step-by-step through the entire process of starting and running a business. Students will develop business plans and examine all of the basic elements of a business operation.

### **SPORTS MARKETING / 0215 – Credit .50**

Sports Marketing is an elective class for freshman, sophomores, juniors and seniors. Students will be provided with an understanding of the Sports and Entertainment industry and how it has become the multi-billion dollar business it is today. Marketing concepts and principles will further show how Sports and Entertainment have a major impact in the lives of most Americans.

### **SPORTS MARKETING LAB / 0215L - Credit .50**

This will be an outside lab for the Sports Marketing class that will market sports programs here at Buckeye Central. Different forms of digital media shall be used to help cover the various sports such as video, social media, blogs, podcasts, etc. A student can select to participate in either the first semester lab, second semester lab, or both. The lab is open to any student who may have already taken the Sports Marketing class.

### **MICROSOFT EXCEL - Credit .66 CCP (0213NCSC) or Credit .50 non CCP (0213)**

This course is an introductory course in spreadsheets using Microsoft Excel for Windows. Through a series of hands-on exercises, the student will create, edit, format, and print worksheets. Topics include: creating, saving, retrieving, formatting, editing, printing, creating formulas, using functions, naming cells and ranges, creating tables, creating charts, defining range names, validating data, sorting and filtering data, maintaining file organization, and using templates.

### **MICROSOFT EXCEL ADVANCED - Credit .66 CCP (0223NCSC)**

#### **Prerequisite: Take CCP Microsoft Excel**

This second level course covers expert Excel features, including formatting with advanced techniques, working with templates and workbooks, working with lists, using analysis tools, managing and auditing worksheets, collaborating with workgroups, and using advanced format functions.



**MICROSOFT WORD - Credit .66 CCP (0214NCSC) or Credit .50 non CCP (0214)**

This course is an introductory course in word processing using Microsoft Word for Windows. Through a series of hands-on exercises, the student will create, edit, format, and print documents. Topics include: creating, saving, retrieving, formatting, editing, printing, inserting graphic elements, merging, maintaining file organization, and using the help system.

**MICROSOFT WORD ADVANCED– Credit .66 CCP (0224NCSC)****Prerequisite: Take CCP Microsoft Word**

This second level course covers advanced Word features including formatting with special features, enhancing the visual display and clarity of documents, working with multiple documents, creating and merging main documents with data source documents, creating forms. linking and embedding objects, using macros, and modifying the document layout.

**MICROSOFT ACCESS- Credit .66 CCP (0229NCSC)**

This course is an introductory course in databases using Microsoft Access for Windows. Through a series of hands-on exercises, the student will create and manage databases. Topics include: creating, saving, formatting, and editing tables; designing reports; creating formulas; working with records; creating forms; writing queries; and establishing table relations.

**MICROSOFT POWERPOINT - Credit .66 CCP (0219NCSC)**

This course is an introductory course in presentation software using Microsoft PowerPoint for Windows. Through a series of hands-on exercises, the student will create, edit, format, and print presentations. Topics include: creating, saving, retrieving, formatting, editing, printing, and running presentations; inserting graphic elements; applying transitions and animation effects; linking and embedding; and using the Help system.

**MICROSOFT OFFICE WORKPLACE TECHNOLOGY-Credit .66 CCP (NCSC)****Offered school year 2022-2023**

This course introduces business productivity tools for time management, collaboration, data organization and communication in today's workplace business environment. Cloud-based productivity tools will be used to manage group collaboration, organize and share data, and communicate using real-time collaboration tools and advanced features of electronic mail.

**MICROSOFT EXCEL BUSINESS INTELLIGENCE- Credit .66 CCP (NCSC)****Offered school year 2022-2023****Prerequisite: Microsoft Excel Advanced**

This course introduces the concepts and application of data analytics in business. A hands-on approach of Microsoft Excel and Power BI (Business Intelligence tools) is used for data analysis, data visualization, modeling, creating dashboards with direct connectivity to data sources.

**Courses needed to earn the Microsoft Applications Certificate (ALL CCP CLASSES):**

MS Word

MS Excel

MS Access

MS PowerPoint

MS Office Workplace Technology

MS Excel Advanced

MS Word Advanced

MS Excel Business Technologies

Obtaining a Microsoft Application Certificate can be used as a pathway to graduation.

## **FAMILY CONSUMER SCIENCE ELECTIVES**

### **PRINCIPLES OF FOOD / 0406 -Credit .50**

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

### **CULINARY FUNDAMENTALS / 0414 -Credit .50**

#### **Prerequisite: Healthy and Safe Foods or Principles of Food**

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques.

### **GLOBAL FOODS / 0411 - (Grades 11- 12) Credit .50**

#### **Prerequisite Principles of Food or Culinary Fundamentals**

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

### **CHILD DEVELOPMENT / 0412 - Credit .50**

Students will gain knowledge of how parents and child care providers meet the needs of infants and young children to provide for healthy growth and development. Prominent theories of child psychology will be studied. Students will have a chance to participate in the *RealCare* baby program, a hands-on experience with an infant simulator. *This course is recommended for students who plan to pursue careers in Early Childhood Education or students going to Pioneer in the Early Childhood Education program*

### **INTERIOR DESIGN / 0415 - Credit .50**

Do you love HGTV? Then this is the course for you! In this semester course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. Students will redesign a home for a "client" as part of a culminating project.

### **PERSONAL FINANCIAL MANAGEMENT / 0420 - Credit .50**

#### **Recommended junior or senior year.**

Students will gain an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts and consumer protection. This course may also provide an overview of the American economy. *Successful completion of this course is a graduation requirement , unless a student attends Pioneer Career & Technology Center*

## **SENIOR SEMINAR COLLEGE AND CAREER READINESS / 0410 - Credit .50**

### ***\*Required for Seniors***

Senior Seminar is a half-year (1 semester) academic inquiry based on the career-path interests of students in their final year of high school. Students will complete four main phases: Research paper, Project, Portfolio and Presentation. Each student will be required to obtain a Mentor who is an expert in his/her field that serves as a guide to the student throughout the course. Students will practice job skills such as resume development, business letter writing, and interviewing. Students will be challenged to apply gained knowledge and skills, connect how academic achievement influences personal and career growth, and learn conflict resolution techniques. Students will be introduced to a variety of career possibilities, as well as assessing career plans, managing job searches, examining career and workplace issues, and developing essential interpersonal skills, communication skills, and workplace-related skills. This is a graduation requirement for all students.

## **PRINCIPLES OF NUTRITION AND WELLNESS / 0416 - Credit .50**

How would you like to UPGRADE your life? How about your appearance, athletic performance, energy levels or emotional strength? Join this class and get on the journey of well-being!

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle. Students should come prepared with an open mind to dive into the latest research and an appetite to try new nutritious foods!

## **OTHER ELECTIVES**

### **TEEN LEADERSHIP CORPS / 0001 - Credit 1.00    Grade 11 and 12**

#### **Prerequisite: Complete an application, student contract and personal interview**

The Teen Leadership Corps curriculum is designed to engage its students in a meaningful set of community service activities: planning, community education, budgeting, volunteer recruitment and management, public relations and fundraising. In this class, teams of students will design and implement a coordinated series of projects related to Teen Leadership Corps' primary mission of intergenerational service to the school and community.

### **INDUSTRIAL ARTS I / 0439 – Credit 1.00**

This course consists of one unit of drafting, during which time students are taught the basic concepts of multi-view, pictorial and working drawing. Emphasis is on the latter to enable students to draw and read project plans that are used as blueprints when project work is begun. A unit of general woodworking procedures is taught along with units of the proper use of hand tools and power equipment. Operating power equipment safely is a very important part of this course. Safety procedures are stressed, and safety quizzes are given and must be successfully passed before students are allowed to operate power equipment. Laboratory time will be used for developing and applying skills toward successful completion of finished woodworking projects. Students are required to purchase wood for their final project.

### **INDUSTRIAL ARTS II / 0440 – Credit 1.00**

#### **Prerequisite: Industrial Arts I and teacher approval**

This class consists of review of basic woodworking fundamentals and safe hand tool and power equipment operating procedures. Blueprint reading and units on cabinet construction and furniture making will be used to attempt mastering woodworking skills by constructing cabinets and furniture. Projects will be assigned throughout the first 3 quarters, and students will build their own project in the fourth quarter. Students are required to purchase wood for this class.

### **INDUSTRIAL TECHNOLOGIES I / 0443 - Credit 1.0**

#### **Prerequisite: Industrial Arts II or Mechanical Principles and teacher approval**

This class will be a continuation of Industrial Art II and/or Mechanical Principles for 11th and 12th grade students. The focus will be on the use of current technology within fabrication/manufacturing industries (woods, metals, and polymers). Students will utilize CAD/CAM software to develop project prints with a focus on multi view drawings/dimensions. For example they will utilize V-carve programming in combination with the CNC router to make and cut parts for a variety of projects. Students will also have the opportunity to use other design and fabrication tools (ie. CNC plasma cutter, Glowforge, 3d printer ext...) to construct high quality, innovative, and personalized projects.

### **ROBOTICS / 0430 - Credit .50**

#### **Teacher recommendation preferred.**

Students will apply the knowledge and skills necessary to program and operate Robots, using the teach pendant as the main interface point. The Students will learn robotic operations and system configurations. Students will code, compile, and debug programs using the robotic programming language.

## **ROBOTICS II / 0430 II - Credit .50**

### **Prerequisite: Robotics I**

This course is an extension of the skills and content from Robotics I with greater focus on design, modeling, and coding. Students who are enrolled in the course will work in teams to build competition robots. These teams will compete in various events throughout the semester.

## **INNOVATIONS/0435 - Credit 0.50**

### **Prerequisite: Junior or Senior Status AND Teacher Approval**

Have you been wanting to research an idea or concept for a long time? Do you have a hobby or interest that you would like to pursue to greater depths? Is there a problem that you want to solve? Do you want to learn how to use a new technology? Is there something that you want to learn more about or create? Do you just have an idea that you want to see completed? Are there questions you just want answered and you need time to do it?

The Innovations course is the answer to these questions. This is a course where students can actually pursue what they want to do. Students can let their curiosity and/or creativity take over. In this course, students are encouraged to explore content and ideas that interest them. Students will work with a teacher facilitator to plan, create, and implement their ideas.

The format of this course is similar to a 4-H self-determined project, but it could also look like a science fair project, a history fair project, an engineering project, an art project, or an industrial design project. The options are endless and do not always need to be centered on engineering or robotics.

This semester-long course allows students to draw on multiple disciplines to synthesize information, develop creative solutions, and generate new ideas. Students will select projects based on their interests and work with a teacher facilitator to plan, create, and implement their ideas. Focus will be on the design and/or engineering process that includes problem solving, communication, collaboration, and critical thinking.

The course can be extended to a full year, as the project dictates.

## **BUCKEYE CENTRAL AGRICULTURE EDUCATION**

### **COURSE OFFERINGS FLOW CHART**

<b><u>SEQU- ENCE</u></b>	<b><u>GRADE LEVEL</u></b>	<b><u>COURSE TITLE</u></b>	<b><u>PRE-REQUISITES</u></b>	<b><u># of SEM.</u></b>
N/A	7th Grade	Introduction to Agriculture	None	1/4
1	8-12	Agriculture, Food, and Natural Resources (AFNR)	None	2
2	9-12	Animal and Plant Science (A&P Science)	AFNR	2
3	9-12	Mechanical Principles	Pass AFNR or Ind. Arts Class	2
4	11-12	Business Management for Agriculture and Environmental Systems	AFNR & (A&P Science or Teacher Approval)	2
5.1	12	Agriculture & Environmental Systems Capstone	SENIOR - Teacher Approval	1
5.2	12	Livestock Selection, Nutrition, and Management	SENIOR - Teacher Approval	1

**\*\*Students taking, passing the course and the related WebXam to four Agriculture courses as well as logging AET hours will lead to an Agribusiness & Production 12 point certification. The certification can be utilized to meet a portion of the graduation requirements.**

**AGRICULTURE, FOOD, AND NATURAL RESOURCES / 0461 (8th Grade or High School students who have not had Ag. as an 8th Grader) – 1.25 Credits**

**Prerequisite – None**

Subject Code: 010105

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. Required out-of-school involvement includes FFA activities and a supervised occupational experience project. This course is one period a day.

**ANIMAL and PLANT SCIENCE / 0468 (Freshmen) – 1.25 Credits**

**Prerequisite – Agriculture, Food, and Natural Resources or permission of Instructor**

Subject Code: 010125

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. Required out-of-school involvement includes FFA activities and a supervised occupational experience project. This course is one period a day.

**BUSINESS MANAGEMENT FOR AG & ENVIRON. SYSTEMS / 0467A (Junior) - 1.25 Credits**

**NON-CCP OR CCP 0467 NCSC AGRICULTURE MANAGEMENT AGRI1210 - 3 semester hours**

**Prerequisite: Junior who has Passed one Core Agriculture Course (Ag. Food & Natural Resources or Animal Science & Technology, or Agronomic Systems) - or permission of the instructor.**

Subject Code: Subject Code: 010115

Students will learn the components of agricultural business by developing a business plan, applying marketing and sales techniques, and identifying business structures. Students will learn about leadership and management styles and the impact they have on business. Students will learn that agro-security, finance, career development, and human resources are important components of business management. Required out-of-school involvement includes FFA activities and a supervised occupational experience project. This course is one period a day.

**AGRICULTURE CAPSTONE / 0469 (Senior) - .5 Credits Fall Semester Only**

**Prerequisite: Senior who has Passed one Core Agriculture Course (Ag. Food & Natural Resources or Animal Science & Technology, or Agronomic Systems) - or permission from the instructor.**

Subject Code: 010190

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. Required out-of-school involvement includes FFA activities and a supervised occupational experience project. This course is one period a day.

**MECHANICAL PRINCIPLES / 0463 – Credit 1.00**

**Prerequisite: Student has passed any AFNR or Industrial Arts Course or permission of instructor.**

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. Required out-of-school involvement includes FFA activities and a supervised occupational experience project. This course is one period a day.

**LIVESTOCK SELECTION, NUTRITION, AND MANAGEMENT / 0470 - (Senior) - Credit .5**  
**Spring Semester only**

**Prerequisite: SENIOR who was in Agriculture Capstone 1st Semester or any other SENIOR who has taken AFNR**

Subject Code: 010920

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.



## **ENGLISH LANGUAGE ARTS**

### **ENGLISH I / 0309 – College Prep – Credit 1.00**

This is a required course for all freshmen. Emphasis is placed on developing essay writing and research skills, specifically MLA-style format. Grammar, punctuation, capitalization, spelling and usage are discussed for their impact on clear writing. Genre study for literature includes short stories, the Shakespearean play The Tragedy of Romeo and Juliet, the novel, nonfiction selections, and poetry.

### **ENGLISH II / 0310 – College Prep – Credit 1.00**

This is a required course for all sophomores. This course is designed to provide the student with a basic review of grammar, mechanics and usage. A continuous study/learning skills unit is part of the course, and writing skills are developed. Literature is studied through a wide selection of categories including short stories, a variety of nonfiction, poetry, the Shakespearean play Julius Caesar, and the novel.

### **AMERICAN LITERATURE / 0312 – College Prep – Credit 1.00**

*\*Add-On Course*

This course is open to advanced eleventh and twelfth graders and counts as *English III* or *English IV* credit. The course combines the reading of the literature of America with the practice of writing. Students will learn about our nation's history from the powerful words of the people who lived it. Emphasis is placed on the standard and formal style of writing required in colleges.

### **WORLD LITERATURE / 0322 - College Prep—Credit 1.00**

*\*Add-On Course*

*\* Offered every other year opposite British Literature (2024-2025)*

**Prerequisite:** *Successful completion of English I and English II*

This class is open to all college-bound juniors and seniors and counts as *English III* or *English IV* credit. This course combines the reading of literature from world cultures with the practice of writing. Students will better understand people from other lands and time periods in history through the words of those whose works we study. Additionally, studying the values of other cultures helps us crystallize our own values. Emphasis is placed on developing the standard and formal style of essay writing and research required in colleges. *This course is not for whiners.*

### **BRITISH LITERATURE / 0315 - College Prep—Credit 1.00**

*\*Add-On Course*

*\* Offered every other year opposite World Literature (2023-2024)*

**Prerequisites:** **80% or higher in English II or junior-level English courses. Teacher recommendation preferred.**

This course covers the major periods of Great Britain's literature in chronological order from the Anglo-Saxon and Medieval periods, into the Elizabethan era, then to the Victorians and ending with the modern era. Students will develop and improve their reading, writing, thinking, and researching skills through close reading and written literary analysis. This is a year-long, elective course offered to advanced juniors and seniors. It fulfills *English III* or *IV* credit.

### **RESEARCH/COMMUNICATION / 0314 - College Prep - Credit 1.00**

*\*Add-On Course*

**Prerequisites:** Successful completion of two or three years of high school English, a B average in sophomore or junior English, and a teacher recommendation are strongly preferred.

This is a course for advanced juniors and seniors. It counts as English III or English IV high school credit. Students will read, discuss, and write analytically; practice the fine art of public speaking, both informational and persuasive as well as extemporaneous; prepare and present a formal debate; and hone research skills. *This course is not for the faint-hearted.*

### **PUBLICATION WRITING I / 0351 – College Prep (Not NCAA Approved) – Credit 1.00**

This is a class for students who are interested in improving their computer skills and written communications. Students will become proficient in Microsoft Word and also develop journalistic writing skills in news writing, feature writing, column writing, sports writing, editorial writing, lead writing, headline writing, proofreading and editing. The class emulates real job experience with actual deadlines and publication in the New Washington Herald.

### **PUBLICATION WRITING II / 0352 – College Prep (Not NCAA Approved) – Credit 1.00**

This class is for Publication Writing I students who wish to continue to improve their computer skills and their study of all aspects of news writing. Students will study advanced design, advance news writing, editing, and style.

### **CREATIVE WRITING I / 0316 - College Prep - Credit .50**

**Prerequisite:** 80% or higher in a previous English course.

This new, semester, add-on elective course will focus on the study of and creation of original prose fiction, nonfiction, and poetry. Students will write, read, and publish their own work as well as critique the writing of their peers and others. Journaling, freewriting, and creating a writing portfolio will form the foundation of this course. This course is open to any juniors or seniors who love to write and have a passionate desire to develop a personal writing style.

### **CREATIVE WRITING II / 0316II - College Prep - Credit. .50**

**Prerequisite:** 85% or higher in *Creative Writing I*

This course's primary focus is on the development and expansion of the student's original prose fiction, nonfiction, and poetry which were created during *Creative Writing I*. Students will write, read, and publish their own work. Students will critique the writing of their peers and others and will serve as informal mentors to *Creative Writing I* students. The concluding goal of this course is for students to self publish their prose and poetry. Students in this course will also be responsible for the creation of the BCHS literary magazine as well as overseeing the *Poetry Slam!* in the spring. This is a semester elective course open to students who love to write and desire to develop the art of good writing.

**NONFICTION AND ITS PLACE IN HISTORY / 318 - College Prep - Credit .50**

**Prerequisites: 80% or higher in a previous English and/or Social Studies course and the love of reading and discourse.**

This semester add-on elective course is taught jointly by the English and history departments. This course looks at nonfiction literature selections that have shaped our world from both a literary perspective and a historical perspective. Students will read nonfiction selections closely; study the people, the culture, the art, and the geography that affect the selection; and hone writing, research, and analytical thinking and speaking skills. The course is open to juniors and seniors who love to read, write about, and discuss books and history. **It fulfills ½ credit of English or ½ credit of Social Studies.**

**MODERN NOVEL / 0317 - College Prep - Credit .50 (Offered 2023-2024)**

**Prerequisites: 80% or higher in a previous English course and the love of reading.**

This semester add-on elective course covers popular and classic fiction written in the 20th and 21st centuries. Careful reading, essay development, vocabulary enhancement, and group discussions form the focus of this course which is open to any high school student who loves to read, write, and discuss modern fiction.

## **WORLD LANGUAGE**

### **SPANISH I / 0343 – College Prep – Credit 1.00**

#### **Prerequisite: B average or above in English**

Spanish I provides basic instruction in reading, writing, speaking and listening in Spanish. Knowledge of sentence structure in Spanish and present tense is stressed. Hispanic culture is examined in the form of videos, power points, movies and cultural projects. Geography of Spanish speaking countries and typing in Spanish is also taught.

### **SPANISH II / 0344 – College Prep – Credit 1.00**

#### **Prerequisite: C average or above in Spanish I**

Spanish II involves the refinement of conversation, reading, writing, listening and comprehension abilities in Spanish. Knowledge of more complex sentence structure in Spanish, advanced vocabulary and past tense is stressed. Examination of Hispanic culture is continued.

### **SPANISH III / 0345 – College Prep – Credit 1.00**

#### ***\*Add-On Course***

#### **Prerequisite: C average or above in Spanish II**

Spanish III emphasizes advanced vocabulary, composition and conversation. Further refinement of present and past tense is stressed. Future tense is also taught. A more in-depth study of the Hispanic culture and daily life is provided. In addition, MLA Style Essay Writing is taught.

### **SPANISH IV / 0346 – College Prep – Credit 1.00**

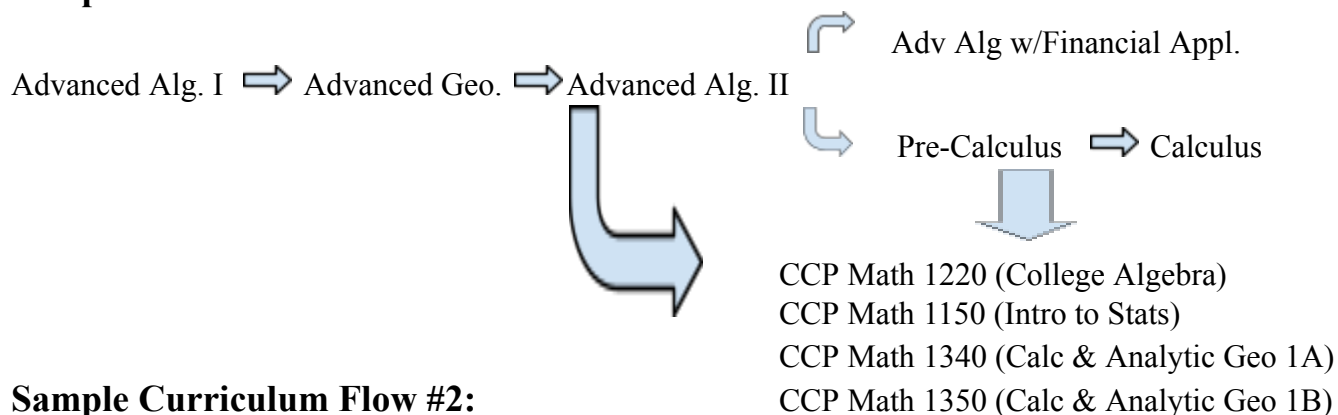
#### ***\*Add-On Course***

#### **Prerequisite: C average or above in Spanish III**

Spanish IV emphasizes conversation, reading and listening. More complex grammar is taught. Hispanic culture is examined in the form of authentic literature, movies and Virtual Field Trips. MLA Style Essay Writing is continued.

# MATHEMATICS

## **Sample Curriculum Flow #1:**



## **Sample Curriculum Flow #2:**

Algebra I → Geometry → Algebra II → Adv. Alg w/Financial Appl.

### **ALGEBRA 1 / 0519 -College Prep- Credit 1.00**

This course is a study of equations and their solutions. Students will study content and processes as described by the Ohio's New Learning Standards (CCSS) for Algebra 1. They will learn to solve many problems involving functions: linear, quadratic, and exponential. They will use functions, variable expressions, and equations to analyze relationships, represent and model problems, and answer questions. Students will work with the real number system: integer exponents, scientific notation, and radicals. They will also analyze data to determine the relationship between two variables and make and defend appropriate predictions, conjectures, and generalizations. Practical use of algebra will be stressed. Algebra 1 is open to grades 9 and 10.

### **GEOMETRY / 0521 – College Prep – Credit 1.00**

#### **Prerequisite: Algebra I or Advanced Algebra I**

This course aligns with Ohio's New Learning Standards (CCSS) for Geometry by extending the informal geometry work from grade 8 along with the formal mathematics of Algebra 1 in a rich and rigorous learning experience. Proofs of all types will be used as a basis for constructing viable arguments. Students will be expected to explain their reasoning and critique the reasoning of others through discourse, writing and modeling. Relations of points, lines, planes: definitions, axioms, and postulates used in logical sequence to show relationships of angles, triangles, lines, circles, polygons; congruence, similarity; area and volume; slopes and equations of lines calculated and graphed; solid geometry. Emphasis is placed on these topics. Students should have a good background in Algebra 1. Appropriate technology will be used to enhance mathematical understanding. Geometry is open to grade 10.

### **ADVANCED GEOMETRY / 0522 – College Prep – Credit 1.00**

*\*Add-On Course*

#### **Prerequisite: Advanced Algebra I**

Advanced Geometry is intended to instill in the student methods of clear, logical and impartial critical evaluation and intelligent generalization. Geometry covers topics in plane and solid geometry with emphasis on the application of geometric principles to a variety of problems and proofs. This course will focus on triangle congruency as a foundation for the development of formal proof. Right triangle trigonometry will be covered along with an extension to the Laws of Sine and Cosine. Geometric probability models will be used whenever possible. Advanced Geometry is open to grades 9 and 10.

### **ALGEBRA II / 0524 – College Prep – Credit 1.00**

#### **Prerequisite: 1 credit of Algebra 1 and 1 credit of Geometry or Advanced Geometry**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards of Ohio's New Learning Standard (CCSS) apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Algebra II is open to students in grade 11.

### **ADVANCED ALGEBRA II / 0525 – College Prep – Credit 1.00**

*\*Add-On Course*

#### **Prerequisite: Advanced Geometry**

A modern course including topics on the set of rational numbers, set of real and imaginary numbers, operations with polynomials, heavy focus on relations and functions (first, second, and third degree) systems of equations and inequalities, exponents and radicals, exponential and logarithmic functions, matrices and determinants, sequences and series. Students will work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Advanced Algebra II is open to students in 10 or 11th.

### **PRE-CALCULUS / 0510 – College Prep – Credit 1.00**

*\*Add-On Course*

#### **Prerequisite: Advanced Algebra II**

This class covers traditional pre-calculus topics including those from advanced algebra, trigonometry, and analytic geometry. The main objective during the course is to establish a strong foundation that will give the student the tools and understanding to succeed in future college-level mathematics courses. This class will be an extension of higher-level algebra and trigonometry. Students must understand that they must work very hard to reach the required level and through this hard work, they will be able to see, understand, and appreciate the true power and beauty of mathematics. Pre-Calculus is open to students in 11th or 12th grade.

## **CALCULUS / 0511 – College Prep – Credit 1.00**

*\*Add-On Course*

### **Prerequisite: Successful completion of Trig/Beginning Calculus (Pre-Calculus)**

This class is a study of functions with applications, and an introduction to differential calculus. Topics include a review of algebra and functions, mathematical modeling with elementary functions, rates of change, inverse functions, logarithms and exponential functions, the derivative, differential equations, and Euler's method.

Pre-calculus topics are reviewed when needed in the development of calculus. Topics include graphical interpretations of the derivative, zeros of functions, optimization, related rates, antidifferentiation, initial value problems, review of trigonometry, modeling with trigonometric functions, geometric sums and series, and the Fundamental Theorem of Calculus. Upon completion of this course, a student will have studied much of the material on the Fundamental Theorem of Calculus. Calculus is open to students in 12th grade.

## **ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS / 0527 – College Prep – Credit 1.00**

Advanced Algebra with Financial Applications is a college-preparatory course that will use sophisticated mathematics to give you the tools to become a financially responsible young adult. The course employs selected topics in Algebra 2, Precalculus, Probability, Statistics, and Geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying relevant mathematics. Field projects, computer spreadsheet, and graphing calculators (DESMOS) are key components of the course.

Advanced Algebra with Financial Applications builds strength in reasoning and number sense, because the real-world applications demand that solutions make sense. Through contextual problem solving and the mathematical modeling of real situations, the course gives the students the motivation to persevere through routine and non-routine problems, and as a result, develop strength and confidence in their mathematics ability.

## **CCP MATH1220 (BGSU) COLLEGE ALGEBRA – Credit 1.00 Available Fall semester only**

*\*Add-On Course*

### **Prerequisite: Successful completion of Algebra 2**

In this course, students will review functions and their graphs, linear and quadratic functions, factoring, polynomial and rational functions, review of exponents, exponential and logarithmic functions and their graphs, systems of equations, theory of equations.

## **CCP MATH1150 (BGSU) INTRODUCTION TO STATISTICS – Credit 1.00 Available Spring semester only**

*\*Add-On Course*

### **Prerequisite: Successful completion of Algebra 2**

The main objective of Math 1150 is to give the non-mathematical student an elementary introduction to the practice of statistics. This course will give insight into how statisticians gather, summarize and draw conclusions from data. We are surrounded every day by numerical information and graphical material. At the end of the course, the student should be a critical consumer of this information.

**CCP MATH1340 BGSU CALCULUS & ANALYTIC GEOMETRY 1A - Credit 1.00**

**Fall semester only**

*\*Add-On Course*

**Prerequisite: Successful completion of MATH 1280 (or transfer equivalent), or satisfactory placement on BGSU math placement test, or satisfactory placement via cumulative HS GPA and ACT or SAT math score**

Differential and integral calculus including applications. Limits, the derivative, differentiation techniques and applications of the derivative.

**CCP MATH1350 BGSU CALCULUS & ANALYTIC GEOMETRY 1B-Credit 1.00**

**Spring semester only**

*\*Add-On Course*

**Prerequisite: Successful completion of MATH 1340**

The definite integral; the fundamental theorem; indefinite integrals; integration by parts, by substitution and using tables; and applications of definite and indefinite integrals.



## **MUSIC**

*All Music courses count toward the 1-credit Fine Art graduation requirement*

### **MARCHING BAND/ WIND ENSEMBLE / 0910 - College Prep - Credit 1.00**

High School Band is a large ensemble open to all wind and percussion players in grades 7th through 12th . All members of the Wind Ensemble will participate in Marching Band during the fall with the exception of high school football players. During the fall the band performs at every football game and marches in several local parades and usually participates in at least one band show. Band Camp will be held during the month of August, and will be held at Buckeye Central High School. (See Band Camp Letter for more information and details.) After football season, the Wind Ensemble performs two concerts: a Christmas concert and a spring concert. Students also attend the OMEA Solo & Ensemble competition. Group and individual help is available throughout the school year. Grading is based on attendance, participation and musicianship skills. There is presently a 25.00 uniform fee. Interested students are also able to participate in Pep Band during the basketball season. Membership in Pep Band is encouraged, but not required.

### **MAJORETTES**

Majorettes perform with the marching band at all football games, parades, and other performances. Majorettes **MUST** play an instrument in the Wind Ensemble. Our Majorette Advisor and Band Director conduct tryouts for those who want to be on the Majorette Squad. Majorettes **MUST** be entering grades 9-12. However, any 7th or 8th grade student who is taking lessons and would like to try out for majorette can do so by calling the Band Director and scheduling an audition.

### **CONCERT CHOIR / 0911 - College Prep - Credit 1.00**

Participation in the high school choir provides the students with a wide variety of experiences. The students learn to work for a well-balanced ensemble while studying various vocal techniques with emphasis on breath support, head tone, and diction. Performance skills and stage presence are also objectives to be learned. Through school concerts and several performances in the area during the school year, the student develops a general knowledge of choral music. This class meets the fine arts requirement for all colleges. There is a \$74.00 dress fee for all ladies. This fee is payable to the Music Boosters.

### **SHOW CHOIR**

Show Choir is an optional activity that is designed for the student who likes to sing and dance. Students will be introduced to various vocal techniques with emphasis on breathing and diction. Performance skills, stage presence, movement and choreography will also be applied to the sung literature. Auditions are required for acceptance, and all members **MUST** be a member of the Concert Choir. There is a \$15.00 uniform fee for this ensemble payable to the Music Boosters.

### **MUSIC APPRECIATION / 0909 - Credit .5**

Students will engage in a comprehensive study of Music Theory. Students will learn musical notation, scales, intervals, tonality, harmony, and melodic organization. Students will examine musical styles from various periods and study form and analysis. Students will gain an appreciation of different musical styles and applied theory in musical performance. This study will include writing, listening, and ear training components and would also benefit students pursuing a career in music.

## **PHYSICAL EDUCATION AND HEALTH**

### **PHYSICAL EDUCATION I and II / 0811 – Credit .25 each (A total of .5 PE credit is needed for graduation)**

Physical Education is a one-semester course that is required both in the ninth and tenth grades. It promotes the physical well-being of students. This course is offered to develop fundamental skills of coordination, carry-over recreational activities, self-awareness, interaction between students in games and physical tasks, and personal responsibility and cooperation. The areas of instruction are: general physical fitness, team sports, individual sports and the acquisition of social traits and habits.

### **PE SPORTS OPTION I and II / 0813 & 0814 – Credit .25 each**

**PE Option I requires 2 sports seasons and PE Option II requires 2 additional sports seasons**

*\*Option by administrator approval*

Students may choose to earn .5 credit of physical education by completing **four** seasons of a sport. Cheerleading and Marching Band will also qualify for this option.

### **ADVANCED PHYSICAL EDUCATION / 0812 - Credit .50**

**Prerequisite: 2 semesters of high school Physical education**

The emphasis in this course will be placed upon fitness concepts and activities which will promote a lifetime of fitness. Students will engage in a variety of activities including tennis, fitness walking, horse shoes, corn hole, disc golf, bowling, bicycling and golf. The course will view and utilize weight training, plyometrics, calisthenics, aerobic and other body conditioning activities. It will stress the proper use of equipment and training methods for the students. Other activities such as fitness testing will be included that will improve total body conditioning.

### **HEALTH / 0819 – Credit .50**

**One semester of Health Education is required of all ninth grade students for graduation.** The student is assisted in gaining an intelligent understanding of health as a state of complete physical, mental and social well-being, not merely the absence of diseases. The course is designed to include study in the areas of health behavior, the effect of stress, growth and development, drugs and their effect on the body, sexually transmitted diseases, AIDS, communicable and noncommunicable diseases, first aid and safety, current trends in health and healthcare, physical fitness, marriage and family living.

## **SCIENCE**

### **PHYSICAL SCIENCE / 0629 – College Prep – Credit 1.00**

#### **Required of all freshmen**

Physical Science is a high school introductory-level course that satisfies Ohio Core requirements (ODE, 2008). It introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world, as related to chemistry, physics and space science. Students engage in investigations to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real world applications.

### **BIOLOGY / 0619 – College Prep – Credit 1.00**

#### **Required of all sophomores**

Biology is a high school level course which satisfies the requirements of the Ohio Core Science Graduation Requirements, as required by section 3313.603 of the Ohio Revised Code (ORC). This course investigates the composition, diversity, complexity and interconnectedness of life on earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world and its impact on the environment. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real world applications.

### **CHEMISTRY / 0611 – College Prep – Credit 1.00**

*\*Add-On Course*

#### **Prerequisite: Physical Science, Biology and Algebra I**

Chemistry is a high school level course which satisfies advanced science requirements of the Ohio Core (ODE, 2008). It introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Students engage in investigations to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.

### **CCP CHEM1030 CHEMISTRY (NCSC) - Credit 1.00 **Not offered this year.****

*\*Add-On Course*

#### **Prerequisite: a minimum “B” average in High School Chemistry**

The course is to give the Allied Health and Nursing student an appreciation and understanding of general inorganic chemistry. Includes atomic and molecular structure, molecular forces, properties and states of matter, naming of chemical compounds, types and behaviors of solutions, types of reactions, acid base chemistry, carefully chosen organic topics with their applications to specific health problems. Laboratory exercises will enhance and reinforce lecture topics.

**ADVANCED CHEMISTRY / 0621 – College Prep – Credit 1.00**

*\*Add-On Course*

**Prerequisite: a minimum “B” average in Chemistry**

This course is a continuing study of the chemical behavior of the natural world. Analytical laboratory work and thought processes will be explored and some fundamental work in research design will be included. It is recommended only for college bound students. It requires success in chemistry and all mathematics. Come into the course with an open mind and willingness to think.

**CCP CHEM1250 CHEMISTRY (BGSU) - Credit 1.00 Not offered this year**

*\*Add-On Course*

**Prerequisite: High school chemistry and CCP MATH1220 College Algebra (BGSU) or a Math placement score of 41 or higher**

Topics include atomic structure, molecular structure and bonding, common classes of chemical reactions, stoichiometric calculations, thermochemistry, and properties of gasses. Both conceptual understanding and problem-solving skills are emphasized.

**PHYSICS / 0613 – College Prep – Credit 1.00**

*\*Add-On Course,*

**Prerequisite: a minimum “B” average in Algebra II**

Introduction to physics for engineering technologies. Covers the study of: vectors, forces, Newton’s Laws of Motion, momentum, work, energy, basic machines, circular/rotational motion, projectiles, heat transfer, wave motion, sound, light wave motion, mirrors and lenses, reflections, refraction, absorption and dispersion of light. Uses investigations to understand and explain the behavior of nature in a variety of inquiry design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

**ANATOMY AND PHYSIOLOGY / 0620 – College Prep – Credit 1.00**

*\*Add-On Course*

**Prerequisite: Physical Science and Biology**

This is a second course in biology designed for those students who are scientifically oriented. A detailed study of the human body is undertaken. Anatomical dissection is a necessary portion of the class. This course is of special interest to those students planning on a health or biological career.

**INTRODUCTION TO SPORTS MEDICINE AND ATHLETIC TRAINING / 0622 - Credit 1.00**

**Prerequisites: Physical Science and Biology with minimum “B” average**

The Introduction to Sports Medicine and Athletic Training course is designed for students who are interested in fields such as athletic training, physical therapy, medicine, nurse, fitness, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. This course focuses on the basic information and skills important in the recognition, care, prevention, and preliminary rehabilitation of athletic injuries.

The course includes class work and hands on application during one 50 minute class period per day. Students will be required to observe/work with the certified athletic trainer after school or weekend for a minimum of 5 hours each semester. All students will be required to become CPR certified to earn a passing grade.

**ENVIRONMENTAL SCIENCE / 0630 - Credit 1.00****Prerequisites: Physical Science and Biology**

Environmental Science will introduce students to various aspects of ecology and how their human actions affect the world we live in. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will engage in the scientific processes while exploring real world applications of the environment. Topics of study include: the interdependence of Earth systems, ecosystems, biodiversity, energy flow, population dynamics, natural resources, pollution, and environmental policy making. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

## **SOCIAL SCIENCES**

### **WORLD HISTORY / 0715 – College Prep – Credit 1.00**

#### ***Required of all Freshmen***

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to be built with students locating and analyzing both secondary and primary sources that display multiple perspectives. These sources will then be used to draw conclusions.

### **UNITED STATES HISTORY / 0711 – College Prep – Credit 1.00**

#### ***Required of all Sophomores***

This course covers the social, political, and economic development of the United States. In understanding the events and ideas of the past, we have the key to interpreting present situations and problems. Critical evaluation of our policies is included to develop an understanding of our nation's diplomacy and a realistic appraisal of our role in the world today.

### **AMERICAN GOVERNMENT / 0712 – College Prep – Credit 1.00**

#### ***Required of all Seniors***

This is a general study of state, local and national governments with emphasis on the organization and function of each. Students learn to recognize the importance of government and that it takes well-informed people to make a good government.

### **AMERICA AT WAR / 0719 - Credit .50**

#### **Offered every other year (offered 2023-2024)**

This course is designed to increase student knowledge and understanding of the military conflicts that have shaped our country. This course will start with the Revolutionary War and end with the current war on terrorism. Through these conflicts students will connect commonalities and consequences among all conflicts. Students will also be able to trace improvements in warfare through time. This class will culminate in using past conflicts to predict the future of conflict.

### **CONTEMPORARY ISSUES / 0709 – Credit .50**

#### **Offered every year**

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences from multiple perspectives. Students can impact global issues through service learning.

### **WORLD GEOGRAPHY/ 0720 – College Prep – Credit .50**

**Offered every other year (offered 2023-2024)**

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why they are located where they are, students will examine the implications of these spatial arrangements.

### **WWII/ 0723 - College Prep- Credit .50**

**Offered every other year (offered 2024-2025)**

World War II has been cited as the event having the largest impact on the world in modern history. This course is designed to explore and attempt to understand how specific events during the war has not only dictated US foreign policy, but world relations as well. We cover topics in both theaters and the start of the war before US involvement. We take time to explore, in depth, battles that were turning points including D-Day and Midway. Finally, we cover the end of the war and its immediate and long-term effects.

### **CONSPIRACY THEORIES / 0708 – College Prep – Credit .50**

**Offered every year**

This course is designed to encourage analytical thinking. Students will be asked to draw conclusions regarding popular conspiracy theories based on the facts. Students will develop and defend their position. Some conspiracy theories that will be examined include the assassinations of Abraham Lincoln, John F. Kennedy, and Martin Luther King, Jr., the attack on Pearl Harbor, Area 51 and the lunar landing.

### **NONFICTION AND ITS PLACE IN HISTORY / 0722 - College Prep - Credit .5**

**Prerequisites: 80% or higher in a previous English and/or Social Studies course and the love of reading and discourse.**

This new semester add-on elective course is taught jointly by the English and history departments. This course looks at nonfiction literature selections that have shaped our world from both a literary perspective and a historical perspective. Students will read nonfiction selections closely; study the people, the culture, the art, and the geography that affect the selection; and hone writing, research, and analytical thinking and speaking skills. The course is open to juniors and seniors who love to read, write about, and discuss books and history. **It fulfills ½ credit of English or ½ credit of Social Studies.**

### **PSYCHOLOGY / 0713 – College Prep – Credit .50**

This course is an introduction to psychological problems with an emphasis on understanding human behavior. Topics include learning and thinking, personality and behavior, heredity and environment, emotional and behavioral disorders, peer groups and social relationships, and the psychology of death. This one semester course is open only to seniors.

**SOCIOLOGY / 0714 – College Prep – Credit .50**

An introduction to the field of sociology, this course aims to explain sociological concepts, describe social structure and organizations, investigate the nature of social change, explore social institutions such as family, and discuss the problems of modern society. This one semester course is open only to seniors.

**CCP HIST1520 THE MODERN WORLD (BGSU) – Credit 1.00 FALL SEMESTER ONLY**

**(School year 2024-2025)**

**Prerequisite: Student is CCP Approved by BGSU**

Comparative study of how and why selected economic, social, political and intellectual revolutions of the modern world have transformed and are shaping contemporary European and non-Western cultures.

**CCP HIST1250 EARLY AMERICA (BGSU)- Credit 1.00 FALL SEMESTER ONLY**

**(School year 2023-2024)**

**Prerequisite: Student is CCP Approved by BGSU**

**Course not approved to replace the US History graduation requirement**

Selected constitutional, intellectual, political and social developments that defined and shaped America between its first European settlement and the end of Reconstruction.

**CCP HIST1260 MODERN AMERICAN (BGSU) - Credit 1.00 SPRING SEMESTER ONLY**

**(School year 2024-2025)**

**Prerequisite: Student is CCP approved by BGSU**

How and why selected economic, intellectual, political and social developments transformed post-Civil War American and shaped 20th-century American society.



# College Credit Plus

## 15 Credit Hour Pathway

<u>Fall Semester</u>		<u>Credits</u>
MATH 1220 College Algebra	At Buckeye Central	3 College Credits (BGSU)
CISS 1210 Microsoft Word	At Buckeye Central	2 College Credits (NCSC)
HIST1510 World Civilizations	At Buckeye Central	3 College Credits (BGSU)

<u>Spring Semester</u>		<u>Credits</u>
AGRI 1210 Agriculture Management	At Buckeye Central	3 College Credits (NCSC)
MATH 1150 Intro to Statistics	At Buckeye Central	3 College Credits (BGSU)
CISS 1220 Microsoft Excel	At Buckeye Central	2 College Credits (NCSC)
		<b>16 Credit Hours</b>

# 30 Credit Hour Pathway

<u>Fall Semester</u>		<u>Credits</u>
MATH1220 College Algebra	At Buckeye Central	3 College Credits (BGSU)
CISS1210 Microsoft Word	At Buckeye Central	2 College Credits (NCSC)
SOC101 Sociology (online)	OTM & TAG	3 College Credits (NCSC)
HIST1510 World Civilizations	At Buckeye Central	3 College Credits (BGSU)
PHIL1110 Ethics (online)	OTM & TAG- Arts/ Humanities	3 College Credits (NCSC)

<u>Spring Semester</u>		<u>Credits</u>
AGRI1210 Agriculture Management	At Buckeye Central	3 College Credits (NCSC)
CHEM 1240 Chemistry	At Buckeye Central	5 College Credits (BGSU)
CISS 1220 Microsoft Excel	At Buckeye Central	2 College Credits (NCSC)
PSYC1010 Intro Psychology (online)	OTM- Social Sciences/TAG-Psych	3 College Credits (NCSC)
MATH1150 Intro to Statistics	At Buckeye Central	3 College Credits (BGSU)
		<b>30 College Credits</b>

**BUCKEYE CENTRAL HIGH SCHOOL****STUDENT REGISTRATION 2023-2024**Name: \_\_\_\_\_ **Grade 9**

Ninth grade students must register for English I, Health (one semester), Phys. Ed (at least one semester) or PE Sports Option, World History, Physical Science and Math. A fine art credit is required for graduation. Seven class periods must be scheduled. Financial Management is recommended in 11th or 12th grade.

\_\_\_\_\_ 0113 ART 1 (1)

\_\_\_\_\_ **0629 PHYSICAL SCIENCE (1)**

\_\_\_\_\_ 0213 MICROSOFT EXCEL (.5) or \_\_\_\_\_ CCP (.66)

\_\_\_\_\_ 0223 MICROSOFT EXCEL ADV CCP(.66)

\_\_\_\_\_ 0214 MICROSOFT WORD (.5) or \_\_\_\_\_ CCP (.66)

\_\_\_\_\_ 0224 MICROSOFT WORD ADV CCP(.66)

\_\_\_\_\_ 0212 CONCEPTS OF ENTREPRENEURSHIP (.5)

\_\_\_\_\_ 0215 SPORTS MARKETING (.5)

\_\_\_\_\_ 0215L SPORTS MARKETING LAB (.5)

\_\_\_\_\_ **0715 WORLD HISTORY (1)**

\_\_\_\_\_ 0708 CONSPIRACY THEORY (.5)

\_\_\_\_\_ 0720 WORLD GEOGRAPHY (.5)

\_\_\_\_\_ 0709 CONTEMPORARY ISSUES (.5)

\_\_\_\_\_ 0719 AMERICA AT WAR (.5)

\_\_\_\_\_ HIST1250 EARLY AMERICA CCP (1)

\_\_\_\_\_ **0309 ENGLISH I (1)**

\_\_\_\_\_ 0343 SPANISH I (1)

\_\_\_\_\_ **0813 PE SPORTS OPTION**\_\_\_\_\_ **BAND** \_\_\_\_\_ **CHEER** \_\_\_\_\_ **SPORTS**\_\_\_\_\_ **0811 PHYS. ED (.25)**\_\_\_\_\_ **0819 HEALTH (.5)**

\_\_\_\_\_ 0406 PRINCIPLES OF FOOD (.5)

\_\_\_\_\_ 0414 CULINARY FUNDMENTALS (.5)

\_\_\_\_\_ 0412 CHILD DEVELOPMENT (.5)

\_\_\_\_\_ 0415 INTERIOR DESIGN (.5)

\_\_\_\_\_ 0416 PRINCIPLES OF NUTRITION (.5)

\_\_\_\_\_ 0420 PERSONAL FINANCIAL MANAGEMENT (.5)

\_\_\_\_\_ 0910 BAND (1)

\_\_\_\_\_ 0911 CHOIR (1)

\_\_\_\_\_ 0909 MUSIC APPRECIATION (.5)

\_\_\_\_\_ 0439 INDUSTRIAL ARTS I (1)

\_\_\_\_\_ 0430 ROBOTICS (.5)

\_\_\_\_\_ ALT. CHOICE \_\_\_\_\_

\_\_\_\_\_ ALT. CHOICE \_\_\_\_\_

\_\_\_\_\_ 0461 AG, FOOD &amp; NATURAL RESOURCES (1.25)

\_\_\_\_\_ 0468 ANIMAL &amp; PLANT SCIENCES (1.25)

\_\_\_\_\_ **0519 ALGEBRA I (1)**\_\_\_\_\_ **0522 ADVANCED GEOMETRY (1)**

Two alternative choices are required on the blank lines above.  
If you cannot be scheduled into your scheduled classes, you  
will receive your alternative choices.

**CCP= College Credit Plus Classes taught at Buckeye Central****All CCP courses are semester courses.****All courses worth .50 credits are semester courses.**

**BUCKEYE CENTRAL HIGH SCHOOL****STUDENT REGISTRATION 2023-2024**Name: \_\_\_\_\_ **Grade 10**

Tenth grade students must register for English II, Math, Biology, U.S. History, and Phys. Ed (if 2 semesters were not completed in 9th grade) or PE Sports Option. Seven class periods must be scheduled. Financial Management is recommended in 11th or 12th grade.

\_\_\_\_\_ 0113 ART 1 (1)  
\_\_\_\_\_ 0114 ART 2 (1)  
\_\_\_\_\_ 0118 YEARBOOK (1)

\_\_\_\_\_ 0213 MICROSOFT EXCEL (.5) \_\_\_\_\_ CCP (.66)  
\_\_\_\_\_ 0223 MICROSOFT EXCEL ADV CCP(.66)  
\_\_\_\_\_ 0214 MICROSOFT WORD (.5) \_\_\_\_\_ CCP(.66)  
\_\_\_\_\_ 0224 MICROSOFT WORD ADV CCP (.66)  
\_\_\_\_\_ 0219 MICROSOFT POWERPOINT CCP (.66)  
\_\_\_\_\_ 0229 MICROSOFT ACCESS CCP (.66)  
\_\_\_\_\_ 0211 ECONOMICS (1)  
\_\_\_\_\_ 0210 ACCOUNTING (1)  
\_\_\_\_\_ 0212 CONCEPTS OF ENTREPRENEURSHIP (.5)  
\_\_\_\_\_ 0215 SPORTS MARKETING (.5)  
\_\_\_\_\_ 0215L SPORTS MARKETING LAB (.5)

\_\_\_\_\_ **0310 ENGLISH II (1)**  
\_\_\_\_\_ 0351 PUBLICATION WRITING I (1)

\_\_\_\_\_ 0343 SPANISH I (1)  
\_\_\_\_\_ 0344 SPANISH II (1)

\_\_\_\_\_ 0439 INDUSTRIAL ARTS I (1)  
\_\_\_\_\_ 0440 INDUSTRIAL ARTS II (1)  
\_\_\_\_\_ 0430 ROBOTICS (.5)  
\_\_\_\_\_ 0430 ROBOTICS II (.5)

\_\_\_\_\_ 0461 AG, FOOD & NATURAL RESOURCES (1.25)  
\_\_\_\_\_ 0468 ANIMAL & PLANT SCIENCE (1.25)  
\_\_\_\_\_ 0463 MECHANICAL PRINCIPLES (1)

\_\_\_\_\_ **0521 GEOMETRY (1)**  
\_\_\_\_\_ **0522 ADVANCED GEOMETRY (1)**  
\_\_\_\_\_ **0525 ADVANCED ALGEBRA II (1)**

\_\_\_\_\_ **0619 BIOLOGY (1)**

\_\_\_\_\_ **0711 U.S. HISTORY (1)**  
\_\_\_\_\_ 0708 CONSPIRACY THEORIES (.5)  
\_\_\_\_\_ 0720 WORLD GEOGRAPHY (.5)  
\_\_\_\_\_ 0709 CONTEMPORARY ISSUES (.5)  
\_\_\_\_\_ 0719 AMERICA AT WAR (.5)  
\_\_\_\_\_ HIST1250 EARLY AMERICA CCP (1)

\_\_\_\_\_ 0910 BAND (1)  
\_\_\_\_\_ 0911 CHOIR (1)  
\_\_\_\_\_ 0909 MUSIC APPRECIATION (.5)

\_\_\_\_\_ 0813 PE SPORTS OPTION  
\_\_\_\_\_ BAND \_\_\_\_\_ CHEER \_\_\_\_\_ SPORTS

\_\_\_\_\_ **0811 PHYS. ED (.25)**  
\_\_\_\_\_ 0812 ADVANCED PHYSICAL EDUCATION(.5)  
\_\_\_\_\_ 0819 HEALTH (.5)

\_\_\_\_\_ 0406 PRINCIPLES OF FOOD (.5)  
\_\_\_\_\_ 0420 PERSONAL FIN. MANAGEMENT (.5)  
\_\_\_\_\_ 0412 CHILD DEVELOPMENT (.5)  
\_\_\_\_\_ 0414 CULINARY FUNDAMENTALS (.5)  
\_\_\_\_\_ 0415 INTERIOR DESIGN (.5)  
\_\_\_\_\_ 0416 PRINCIPLES OF NUTRITION (.5)

\_\_\_\_\_ ALT. CHOICE \_\_\_\_\_  
\_\_\_\_\_ ALT. CHOICE \_\_\_\_\_

Two alternate choices are required on the blank lines above. If you cannot be scheduled into your selected classes, you will receive your alternate choice.

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**All courses worth .50 credits are semester courses.**

**BUCKEYE CENTRAL HIGH SCHOOL****STUDENT REGISTRATION 2023-2024****Name:** \_\_\_\_\_ **Grade 11**

Eleventh grade students must register for English, Math, Science, and Financial Management (not required if going to Pioneer). Seven class periods must be scheduled. Financial Management is recommended in 11th or 12th grade.

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|--|---|
| _____ 0113 ART 1 (1)   | _____ <b>0524 ALGEBRA II (1)</b>                |
| _____ 0114 ART 2 (1)   | _____ <b>0525 ADVANCED ALGEBRA II (1)</b>       |
| _____ 0115 ART 3 (1)   | _____ <b>0510 PRE-CALCULUS (1)</b>              |
| _____ 0118 YEARBOOK (1)  | _____ MATH1220 COLLEGE ALGEBRA CCP (1)          |
|  | _____ MATH1150 INTRO TO STATISTICS CCP (1)      |
| _____ 0213 MICROSOFT EXCEL (.5) _____ CCP (.66)  | _____ 0611 CHEMISTRY (1)                        |
| _____ 0223 MICROSOFT EXCEL ADVCCP (.66)  | _____ 0620 ANATOMY & PHYSIOLOGY (1)             |
| _____ 0214 MICROSOFT WORD (.5) _____ CCP (.66)   | _____ 0613 PHYSICS (1)                          |
| _____ 0224 MICROSOFT WORD ADV CCP (.66)  | _____ 0622 INTRO TO SPORTS MED/ATH TRAINING (1) |
| _____ 0219 MICROSOFT POWERPOINT CCP (.66)  | _____ 0630 ENVIRONMENTAL SCIENCE (1)            |
| _____ 0229 MICROSOFT ACCESS CCP (.66)  |   |
| _____ 0210 ACCOUNTING (1)  | _____ 0720 WORLD GEOGRAPHY (.5)                 |
| _____ 0212 CONCEPTS OF ENTREPRENEURSHIP (.5)   | _____ 0709 CONTEMPORARY ISSUES (.5)             |
| _____ 0211 ECONOMICS (1)   | _____ 0722 NONFICTION & ITS PLACE IN HIST. (.5) |
| _____ 0215 SPORTS MARKETING (.5)   | _____ 0708 CONSPIRACY THEORIES (.5)             |
| _____ 0215L SPORTS MARKETING LAB (.5)  | _____ 0719 AMERICA AT WAR (.5)                  |
|  | _____ 0714 SOCIOLOGY (.5)                       |
| _____ <b>0312 AMERICAN LITERATURE (1)</b>  | _____ 0713 PSYCHOLOGY (.5)                      |
| _____ <b>0314 RESEARCH/COMMUNICATION (1)</b>   | _____ HIST1250 EARLY AMERICA CCP (1)            |
| _____ <b>0315 BRITISH LITERATURE (1)</b>   |   |
| _____ <b>0316 CREATIVE WRITING I (.5)</b>  | _____ 0001 TEEN LEADERSHIP CORPS (1)            |
| _____ <b>0316II CREATIVE WRITING II (.5)</b>   |   |
| _____ <b>0351 PUBLICATION WRITING I (1)</b>  | _____ 0910 BAND (1)                             |
| _____ <b>0352 PUBLICATION WRITING II (1)</b>   | _____ 0911 CHOIR (1)                            |
| _____ <b>0318 NONFICTION &amp; ITS PLACE IN HIST(.5)</b>                               | _____ 0909 MUSIC APPRECIATION (.5)              |
| _____ (.5 as an English or History Credit)   |   |
| _____ <b>0317 MODERN NOVEL (.5)</b>  | _____ 0813 PE SPORTS OPTION                     |
|  | _____ BAND _____ CHEERLEADING _____ SPORTS      |
| _____ 0343 SPANISH I (1)   | _____ 0812 ADVANCED PHYSICAL EDUCATION (.5)     |
| _____ 0344 SPANISH II (1)  |   |
| _____ 0345 SPANISH III (1)   | _____ 0406 PRINCIPLES OF FOOD (.5)              |
|  | _____ 0420 PERSONAL FIN. MANAGEMENT (.5)        |
| _____ 0439 INDUSTRIAL ARTS I (1)   | _____ 0412 CHILD DEVELOPMENT (.5)               |
| _____ 0440 INDUSTRIAL ARTS II (1)  | _____ 0414 CULINARY FUNDAMENTALS (.5)           |
| _____ 0443 INDUSTRIAL TECHNOLOGIES I (1)   | _____ 0411 GLOBAL FOODS (.5)                    |
|  | _____ 0415 INTERIOR DESIGN (.5)                 |
| _____ 0430 ROBOTICS (.5)   | _____ 0416 PRINCIPLES OF NUTRITION (.5)         |
| _____ 0430 ROBOTICS II (.5)  |   |
|  | _____ ALT. CHOICES _____                        |
| _____ 0435 INNOVATIONS I A (.5)  |   |
| _____ 0435 INNOVATIONS I B (.5)  | _____ ALT. CHOICES _____                        |
|  |   |
| _____ 0461 AG, FOOD & NATURAL RESOURCES (1.25)   |   |
| _____ 0468 ANIMAL & PLANT SCIENCE (1.25)   |   |
| _____ 0463 MECHANICAL PRINCIPLES (1)   |   |
| _____ 0467 BUSINESS MANAGEMENT FOR AG & ENVIRON. SYSTEMS (1.25) _____ CCP AGRI1210 (1) |   |

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All CCP courses are semester courses. All courses worth .50 credits are semester courses.

**BUCKEYE CENTRAL HIGH SCHOOL****STUDENT REGISTRATION 2023-2024****Name:** \_\_\_\_\_ **Grade 12**

Twelfth grade students must take Government, Math, and Senior Sem. Seven class periods must be scheduled. Financial Management is recommended in 11th or 12th grade.

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|---|--|
| _____ 0113 ART 1 (1)  | _____ <b>0510 PRECALCULUS (1)</b>                      |
| _____ 0114 ART 2 (1)  | _____ <b>0511 CALCULUS (1)</b>                         |
| _____ 0115 ART 3 (1)  | _____ <b>0527 ALGEBRA W/ FINANCIAL APPLICATION (1)</b> |
| _____ 0116 ART 4 (1)  | _____ MATH1220 COLLEGE ALGEBRA CCP (1)                 |
| _____ 0118 YEARBOOK (1)   | _____ MATH1150 INTRO TO STATISTICS CCP (1)             |
|   | _____ MATH 1340 CALC AND ANALYTIC GEOMETRY CCP(1)      |
| _____ 0213 MICROSOFT EXCEL (.5) _____ CCP (.66)                                     | _____ MATH 1350 CALC AND ANALYTIC GEOMETRY CCP(1)      |
| _____ 0223 MICROSOFT EXCEL ADVANCED CCP (.66)                                       | _____ 0611 CHEMISTRY (1)                               |
| _____ 0214 MICROSOFT WORD (.5) _____ CCP (.66)                                      | _____ 0621 ADVANCED CHEMISTRY (1)                      |
| _____ 0224 MICROSOFT WORD ADV CCP (.66)   | _____ 0630 ENVIRONMENTAL SCIENCE (1)                   |
| _____ 0219 MICROSOFT POWERPOINT CCP (.66)   | _____ 0613 PHYSICS (1)                                 |
| _____ 0229 MICROSOFT ACCESS CCP (.66)   | _____ 0620 ANATOMY & PHYSIOLOGY (1)                    |
| _____ 0210 ACCOUNTING (1)   | _____ 0622 INTRO TO SPORTS MED/ATH. TRAINING (1)       |
| _____ 0212 CONCEPTS OF ENTREPRENEURSHIP (.5)  |  |
| _____ 0211 ECONOMICS (1)  | _____ 0719 AMERICA AT WAR (.5)                         |
| _____ 0215 SPORTS MARKETING (.5)  | _____ 0708 CONSPIRACY THEORIES (.5)                    |
| _____ 0215L SPORTS MARKETING LAB (.5)   | _____ 0713 PSYCHOLOGY (.5)                             |
|   | _____ 0714 SOCIOLOGY (.5)                              |
| _____ <b>0312 AMERICAN LITERATURE (1)</b>   | _____ 0709 CONTEMPORARY ISSUES (.5)                    |
| _____ <b>0314 RESEARCH/COMMUNICATION (1)</b>  | _____ 0722 NONFICTION & ITS PLACE IN HIST. (.5)        |
| _____ <b>0315 BRITISH LITERATURE (1)</b>  | _____ 0720 WORLD GEOGRAPHY (.5)                        |
| _____ <b>0351 PUBLICATION WRITING I (1)</b>   | _____ HIST1250 EARLY AMERICA CCP (1)                   |
| _____ <b>0352 PUBLICATION WRITING II (1)</b>  | _____ <b>0712 AMERICAN GOVERNMENT (1)</b>              |
| _____ <b>0316 CREATIVE WRITING I (.5)</b>   |  |
| _____ <b>0316II CREATIVE WRITING II (.5)</b>  | _____ 0909 MUSIC APPRECIATION (.5)                     |
| _____ <b>0317 MODERN NOVEL (.5)</b>   | _____ 0910 BAND (1)                                    |
| _____ <b>0318 NONFICTION &amp; ITS PLACE IN HIST. (.5)</b>                          | _____ 0911 CHOIR (1)                                   |
| _____ (.5 as an English or History Credit)  |  |
| _____ 0343 SPANISH I (1)  | _____ 0416 PRINCIPLES OF NUTRITION (.5)                |
| _____ 0344 SPANISH II (1)   | _____ 0406 PRINCIPLES OF FOOD (.5)                     |
| _____ 0345 SPANISH III (1)  | _____ 0411 GLOBAL FOODS                                |
| _____ 0346 SPANISH IV (1)   | _____ 0412 CHILD DEVELOPMENT (.5)                      |
|   | _____ 0414 CULINARY FUNDAMENTALS (.5)                  |
| _____ 0439 INDUSTRIAL ARTS I (1)  | _____ 0415 INTERIOR DESIGN (.5)                        |
| _____ 0440 INDUSTRIAL ARTS II (1)   | _____ 0420 PERSONAL FIN. MANAGEMENT (.5)               |
| _____ 0443 INDUSTRIAL TECHNOLOGIES I (1)  | _____ <b>0410 SENIOR SEMINAR (.5) Fall</b>             |
|   |  |
| _____ 0430 ROBOTICS (.5)  |  |
| _____ 0430 ROBOTICS II (.5)   |  |
|   | _____ 0001 TEEN LEADERSHIP CORPS (1)                   |
| _____ 0435 INNOVATIONS I A (.5)   |  |
| _____ 0435 INNOVATIONS I B (.5)   |  |
| _____ 0436 INNOVATIONS II A (.5)  | _____ 0813 PE SPORTS OPTION                            |
| _____ 0436 INNOVATIONS II B (.5)  | _____ BAND _____ CHEERLEADING _____ SPORTS             |
|   |  |
| _____ 0461 AG, FOOD & NATURAL RESOURCES (1.25)                                      | _____ 0812 ADVANCED PHYSICAL EDUCATION (.5)            |
| _____ 0468 ANIMAL & PLANT SCIENCE (1.25)  |  |
| _____ 0463 MECHANICAL PRINCIPLES (1)  |  |
| _____ 0467 BUSINESS MANAGEMENT FOR AG & ENVIRON. SYSTEMS (1.25) OR CCP AGRI1210 (1) |  |
| _____ 0469 AGRICULTURAL CAPSTONE (.5)   |  |
| _____ 0470 LIVESTOCK SELECTION (.5)   |  |

**CCP= College Credit Plus Classes taught at Buckeye Central****All CCP courses are semester courses.****All courses worth .50 credits are semester courses.**



## LETTER OF INTENT TO PARTICIPATE IN COLLEGE CREDIT PLUS 2023/24

PLEASE PRINT

AFTER APRIL 1, YOU WILL NEED PERMISSION FROM THE HIGH SCHOOL PRINCIPAL TO PARTICIPATE.

Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_

PLEASE INDICATE PREFERRED METHOD OF CONTACT:

Parent Phone Number (Day) \_\_\_\_\_ (Evening) \_\_\_\_\_

Parent Email Address \_\_\_\_\_

I would like to declare my intent to participate in the College Credit Plus program. I understand that signing this form does not require that I participate during the coming school year, and I may decide not to participate without consequence.

I also understand that it is my responsibility to notify my school if I do not gain admission to my selected institution of higher education or choose not to participate in the program.

In addition, I certify that I have received counseling about the College Credit Plus program concerning the rules and regulations for both my school and the college, and that I understand my responsibilities, the benefits and possible risks of participating in the College Credit Plus program.

***The subject matter of a course enrolled in under the college credit plus program may include mature subject matter or materials, including those of a graphic, explicit, violent, or sexual nature, that will not be modified based upon college credit plus enrollee participation regardless of where course instruction occurs.***

PLEASE SIGN AND RETURN THIS FORM TO THE HIGH SCHOOL BY APRIL 1.

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_

Date \_\_\_\_\_

I have viewed the online CCP video on the Buckeye Central website ☐





**Ohio High School Honors Diploma** • The Ohio Department of Education recognizes graduating seniors with 6 different diplomas with honors based on a student's course credits, grade point average, college and career readiness scores, field experiences, and other assessment criteria.

Subject	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Including dance, drama/ theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
<b>Math</b>	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content <sup>4</sup>	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	4 units, including two units of advanced science <sup>2</sup>	4 units, biology, chemistry, and at least one additional advance science <sup>2</sup>	4 units, including two units of advanced science <sup>2</sup>	5 units, including two units of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>
<b>Social Studies</b>	4 units	4 units	4 units	3 units	3 units	5 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
<b>Fine Arts</b>	1 unit	1 unit	N/A	1 unit	4 units	1 unit
<b>Electives</b>	N/A	N/A	4 units of Career-Technical minimum <sup>3</sup>	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
<b>GPA</b>	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
<b>ACT/SAT/WorkKeys<sup>1</sup></b>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup> /WorkKeys (6 Reading for Information & 6 Applied Mathematics) <sup>7</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>
<b>Field Experience</b>	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>
<b>Portfolio</b>	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>
<b>Additional Assessments</b>	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTES: For the Academic, International Baccalaureate, and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

½ unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

<sup>1</sup> Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

<sup>2</sup> Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

<sup>3</sup> Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

<sup>4</sup> The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

<sup>5</sup> Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

<sup>6</sup> The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

<sup>7</sup> Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

<sup>8</sup> These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found here. Further information on test concordance can be found here.



# Buckeye Central Local Schools

## Graduation Requirements


### ***FIRST***

Cover Basics

	
<b>Mathematics</b>	<b>English Language Arts</b>
4 Credits	4 Credits
	
<b>Science</b>	<b>Social Studies</b>
3 Credits	3 Credits
	
<b>Health</b>	<b>Physical Education</b>
.50 Credits	.50 Credits
	
<b>Fine Arts</b>	<b>General Electives</b>
1 Credit	4 Credits
	
<b>Senior Seminar</b>	<b>Financial Management</b>
.50 Credits	.50 Credits


### ***SECOND***

Demonstrate Competency




Earn competency score of 684 or better on Algebra I and ELA II End of Course Exams

Options after testing and retesting:




--OR--




Remediation-Free ACT/SAT Test Scores

--OR--



Two Career-Focused Activities

--OR--





Military Enlistment


### ***THIRD***

Show Readiness

**State Seals**

**Local Seals**

Students must have at least 1 State Seal



Earn 21 Credits



Demonstrate Competency



Earn 2 Seals

If you have any questions about graduation requirements, please contact your school counselor.

## STATE SYSTEM OF DIPLOMA SEALS

### Seal of Bi-literacy

- A Seal of Bi-literacy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other language. A student may earn the Seal of Bi-literacy by meeting all of the following criteria within 15 months of graduation:

1. Eligible to earn a high school diploma
2. Meet one of the English / Language Arts proficiency requirements
  - Earn a proficient level or higher on the Ohio ELA I and II end-of-course assessments
  - Earn a remediation-free score on the English and Reading sections of the ACT or SAT
  - Earn a proficient level or higher on the Ohio English Language Proficiency Assessment
3. Meet one of the Foreign Language proficiency requirements
  - Earn a score of 4 or higher on an Advanced Placement foreign language exam
  - Earn a score of 5 or higher on an International Baccalaureate HL foreign language exam
  - Earn a score of 6 or higher on an International Baccalaureate SL foreign language exam
  - Earn a qualifying score on a Department of Education approved foreign language exam

### Seal of Job Readiness

- The Ohio Means Jobs-Readiness Seal is a formal designation that students can earn on their high school diplomas and transcripts indicating they have the personal strengths, strong work ethic and professional experience that businesses need.
- To earn the Ohio Means Jobs-Readiness Seal, motivated high school students must demonstrate certain professional skills required for success in the workplace.
  - Students work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.
  - See pages 52-54

### Honors Diploma Seal

- The Ohio Department of Education recognizes graduating seniors with 6 different diplomas with honors based on a student's course credits, grade point average, college and career readiness scores, field experiences, and other assessment criteria.
  - See page 46

### Industry-Recognized Credential Seal

- Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions. Additional information from the Ohio Department of Education is forthcoming.

### College-Ready Seal

- Earn remediation-free scores on the ACT or SAT. Contact your counselor for information regarding current ACT and SAT remediation-free scores. Additional information can be found at [www.ode.state.oh.us](http://www.ode.state.oh.us)

### Military Enlistment Seal

- Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program. Additional information from the Ohio Department of Education is forthcoming.

### Science Seal

- A student can:
  - o Earn a score of proficient or higher on the biology end-of-course exam;
  - o Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or

o Earn a final course grade that is equivalent to a “B” or higher in an Advanced Science course (Anatomy, Physics, Chemistry, etc.) or an appropriate class taken through the College Credit Plus Program.

### **Technology Seal**

- A student can:
  - o Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate Honors exam;
  - o Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus Program; or
  - o Complete a course offered through the district or school that meets guidelines developed by the department. Additional information about the requirements for this course are forthcoming from the Ohio Department of Education.

### **Citizenship Seal**

- A student can:
  - o Earn a score of proficient or higher on both the American History and American Government end-of-course exams;
  - o Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or
  - o Earn a final course grade that is equivalent to a “B” or higher in an American History course and American Government course or the appropriate courses through the College Credit Plus Program.

### **Community Service Local Seal**

- Complete a community service project aligned with the guidelines adopted by the student’s local board of education. BCHC Requirements:
  1. Complete a minimum of 60 community service hours.  
Hours to be logged into DASL - “community service” in student section. Hours may be counted for grades 9-12.
  2. Hours can be outside of school or through a school extracurricular activity (BC Community Service Day exemption).
  3. Hours can be from one particular activity, or from multitudes of different activities.
  4. Community Service hours completed for a different entity (example-probation or the court system) may not count towards this seal.
  5. All hours should be approved by the school principal or school counselor in advance.
  6. All hours must be signed off by a supervisor.
  7. All hours must be turned in to the guidance office by March 1st of the student’s senior year.

### **Student Engagement Local Seal**

- Participate in extracurricular activities such as athletics, clubs, or student government to a meaningful extent, as determined by guidelines adopted by the student’s location board of education. BCHC Requirements:
  1. Participate in a total of 8 activities throughout the school career. This includes any extracurricular offered through BCHS.
  2. Participation may be verified through the student activity section in DASL. Data to be pulled by March 1st of the senior year.

## **Fine and Performing Arts Local Seal**

- Demonstrate skill in the fine or performing arts according to an evaluation aligned with the guidelines adopted by the student's local board of education. BCHC Requirements:

1. Complete a minimum of 5 credits over a 4 year period in the following courses at BCHS: Art, Choir, Band, Marching Band, Yearbook, Visual Communications, etc...
2. Participate in four (4) fine arts activities outside of school. This may include Show Choir, Marching Band, Art Club, Drama Club productions, or community activities-for example, Bucyrus Little Theater productions, Mansfield Theatre, Jazz Band, Pep Bands, etc.
3. Documentation to be turned into the guidance office by March 1st of the student's senior year.



# Student OhioMeansJobs Readiness Seal Validation

## Part 1 - Professional Skills Verification



### STUDENT INFORMATION

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_ Graduating Year: \_\_\_\_\_

### SCHOOL ADMINISTRATION ONLY

By signing, you are verifying that the student named on this form has met the requirements to receive the OhioMeansJobs Readiness Seal designation.

Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_

Position: \_\_\_\_\_ Date: \_\_\_\_\_

<b>Drug-free Pledge</b>	I _____ (Print First, Last Name) PLEDGE TO BE <b>DRUG FREE</b> . I pledge to be <b>responsible</b> and care for myself and others by speaking up and speaking out if help is needed. I pledge to be <b>smart</b> and think about the consequences of social situations and peer pressures. I pledge to be <b>in control</b> , think ahead and do my best to avoid putting myself and others in compromising situations. I pledge to be a <b>leader</b> , because I understand that what I do has the power to influence those around me. I pledge to <b>engage</b> in my future and be a SuccessBound student by achieving the OhioMeansJobs Readiness Seal.			
<b>Required Professional Skills</b> <a href="#">View Readiness-Seal Rubric</a>	<b>THIS SECTION TO BE COMPLETED BY STUDENT</b>		<b>THIS SECTION TO BE COMPLETED BY MENTOR</b>	
	<b>Evidence of How I Demonstrated this Skill</b>	<b>Where I Demonstrated the Skill</b>	<b>Mentor Validation</b> (Please Initial)	<b>Mentor Comments</b>
<b>Reliability</b> - The student has integrity and responsibility in professional settings.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Work Ethic</b> - The student has effective work habits, personal accountability and a determination to succeed.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Punctuality</b> - The student arrives to commitments on time and ready to contribute.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Discipline</b> - The student abides by guidelines, demonstrates self-control and stays on task.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Teamwork/Collaboration</b> - The student builds collaborative relationships with others and can work as part of a team.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Professionalism</b> - The student demonstrates honesty. He or she dresses and acts appropriately and responsibly. He or she learns from mistakes.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Learning Agility</b> - The student desires to continuously learn new information and skills.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Critical Thinking/Problem-Solving</b> - The student exercises strong decision-making skills, analyzes issues effectively and thinks creatively to overcome problems.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		





## Student OhioMeansJobs Readiness Seal Validation

### Part 1 - Professional Skills Verification (cont.)



Required Professional Skills <a href="#">View Readiness-Seal Rubric</a>	THIS SECTION TO BE COMPLETED BY STUDENT		THIS SECTION TO BE COMPLETED BY MENTOR	
	Evidence of How I Demonstrated this Skill	Where I Demonstrated the Skill	Mentor Validation (Please Initial)	Mentor Comments
<b>Leadership</b> - The student leverages the strengths of others to achieve common goals. He or she coaches and motivates peers and can prioritize and delegate work.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Creativity/Innovation</b> - The student is original and inventive. He or she communicates new ideas to others, drawing on knowledge from different fields to find solutions.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Oral and Written Communications</b> - The student articulates thoughts and ideas clearly and effectively in written and oral forms.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Digital Technology</b> - The student has an in-depth understanding of emerging technology and leverages technology to solve problems, complete tasks and accomplish goals.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Global/Intercultural Fluency</b> - The student values, respects and learns from diverse groups of people.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		
<b>Career Management</b> - The student is a self-advocate. He or she articulates strengths, knowledge and experiences relevant to success in a job or postsecondary education.		<input type="checkbox"/> School <input type="checkbox"/> Community <input type="checkbox"/> Work		

Each mentor is to sign, initial, print and date below. In addition, each mentor must provide his or her position and school, company or organization name with at least one method of contact to verify the student demonstrated the above professional skills while under the mentor's supervision. Initials must match those in the mentor section above for authentication.

Mentor Signature	Initials	Print Name	Position and School/ Company/Organization	Phone Number	Email	Date

#### STUDENT OHIO MEANS JOBS READINESS SEAL VALIDATION STATEMENT

By signing below, I declare that the information provided on this form is true, complete and accurate. I understand that any willful dishonesty and/or failure to provide complete, accurate information on this form will be grounds to withdraw my submission and issuance of the OhioMeansJobs Readiness Seal. I acknowledge that a school representative may verify the information provided on this form by contacting one or more of the mentors listed above.

Student Signature: \_\_\_\_\_ Print Name: \_\_\_\_\_  
 School Name: \_\_\_\_\_ Email: \_\_\_\_\_ Date: \_\_\_\_\_





## Student OhioMeansJobs Readiness Seal Validation

### Part 2 and 3 - Optional



#### PART 2 - LETTER OF RECOMMENDATION

Going above and beyond: To help jump-start your mentee's career or college application process, each mentor is encouraged to write a letter of recommendation for the student indicating that he or she has demonstrated exemplary professional skills under your leadership. **(Please use the OhioMeansJobs-Readiness Seal Professional Skills on pages 1 and 2 for reference.)**

#### PART 3 - OHIOMEANSJOBS K-12 CAREER PROFILE

In preparing students to be SuccessBound, creating an OhioMeansJobs backpack and career plan gives students a platform to discover career opportunities within Ohio's workforce and set tangible goals to achieve their aspirations. Students who complete the requirements of the OhioMeansJobs-Readiness Seal are encouraged to showcase this achievement by completing the following tasks within the OhioMeansJobs K-12 site.

- |  |   |
|--|---|
| <input type="checkbox"/> Create a backpack in OhioMeansJobs K-12             | <input type="checkbox"/> Create/Upload a cover letter                       |
| <input type="checkbox"/> Take the Career Cluster Inventory or Career Profile | <input type="checkbox"/> Upload letter(s) of recommendation                 |
| <input type="checkbox"/> Create a career plan                                | <input type="checkbox"/> Complete the fast track in the Practice Interviews |
| <input type="checkbox"/> Create/Upload a resume                              |   |

## Buckeye Central Graduation Pathway Tracker

Student Name: \_\_\_\_\_ Pioneer Lab: \_\_\_\_\_

### Show Competency

Test	Score	684 or higher?
Alg 1		No Yes
ELA 2		No Yes

#### Competency Met:

- Yes, Competency is met
- No- Choose an option below

#### Option 1

Do 2 of the following, 1 must be Foundational

##### Foundational

- Proficient on WebXams
- 12 pt industry credential
- Pre-apprenticeship

##### Supporting

- Work-based learning
- WorkKeys score
- Earn OMJ Readiness Seal

#### Option 2

- Evidence of enlistment in a branch of the Military

#### Option 3

- Earn CCP credit in English or Math

#### Additional Notes:

### Graduation Seals

Must earn 2 seals, 1 must be Ohio Designed

#### Ohio Seals

- **Ohio Means Jobs Readiness Seal**
- **Industry Recognized Credential Seal**  
Credential(s) earned: \_\_\_\_\_
- **College-Ready Seal**  
ACT English \_\_\_\_\_ Reading \_\_\_\_\_ Math \_\_\_\_\_  
Must be Eng 18, Read 22, Math 22
- **Military Enlistment Seal**  
Enlistment branch: \_\_\_\_\_  
Years in JROTC: \_\_\_\_\_
- **Citizenship Seal**  
Am. Hist Score \_\_\_\_\_, Govn. Score \_\_\_\_\_  
Am. Hist Grade \_\_\_\_\_, Govn. Grade \_\_\_\_\_
- **Science Seal**  
Biology EOC Score \_\_\_\_\_  
Advanced Grade \_\_\_\_\_ Course: \_\_\_\_\_
- **Honors Diploma Seal**  
Diploma earned: \_\_\_\_\_
- **Seal of Biliteracy**
- **Technology Seal**  
Earned by: \_\_\_\_\_

#### Local Seals

- **Community Service Seal**
- **Fine & Performing Arts Seal**
- **Student Engagement Seal**

# Buckeye Central - Graduation Audit

## STUDENT INFORMATION

Name:

ALL REQUIREMENTS ARE MET

## QUICK OVERVIEW

### Minimum Grad Requirements Met

Credits Needed 21

Pathway to Graduation Met

## ACADEMIC PLANNING

### Minimum Graduation Requirements

English Language Arts		Math		Science		Social Studies		Electives	
Course	Credits	Course	Credits	Course	Credits	Course	Credits	Course	Credits
				Physical:		World History			
				Life:		American History			
				Advanced:		Government			
Credits Earned		Credits Earned		Credits Earned		Credits Earned			
Credits Needed	4	Credits Needed	4	Credits Needed	3	Credits Needed	3		
Health		Phys Ed		Other Requirements					
Course	Credits	Course	Credits	Fine Arts-1 credit				Credits Earned	
		Phys Ed		Financial Management/Ag. Bus. Management				Credits Needed	5
Credits Earned		Sports Option		Senior Seminar/Ag. Capstone					
Credits Needed	0.5	Credits Needed	0.5	Credits Needed	2				
								Total Credits Needed	
								Total Credits Earned	
								21	

## PATHWAYS TO GRADUATION

### Industry Recognized Credentials and Workkeys

Industry Credential	Points
Credential Points Earned	
Credential Points Needed	12
Workkeys Score	
Score Needed	

### College and Career Readiness Tests

ACT	Scores
English Language Arts	
Reading	
Mathematics	
Scores Needed	
English Language Arts	18
Reading	22
Mathematics	22

### Career Focused Activities AND Show Readiness

Foundational	
Proficient Scores in WebKam	
A 12-Point Industry Credential	
A pre-apprenticeship or acceptance into an approved apprenticeship program.	
Supporting	
Work-based learning	
Earn the required score for Workkeys	
Earn the OhioMeansJobs Readiness Seal	

### Military AND Show Readiness

Evidence shown that one has signed a contract to enter a branch of the U.S. armed services upon graduation.	
Pathway Met	
Complete College Coursework AND Show Readiness	
Earn credit for one college-level math and/or college-level English through CCP.	

## Pathway Met

## Pathway Met

## Pathway Met

## Pathway Met

## SHOW READINESS - At least one of the two must be Ohio-designed

Ohio	Local
OhioMeansJobs Readiness Seal	Community Service Seal
Industry Related Seal	Fine and Performing Arts Seal
College-Ready Seal	Student Engagement Seal
Military Enlistment Seal	
Citizenship Seal	
Science Seal	
Honor Diploma Seal	
Seal of Bilingual	
Technology Seal	