

Columbian High School
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Columbian High School



Curriculum Guide 2023-24

Message From the Principal

This booklet is to assist students and their parents in planning a high school program. As selections are made, one should consider individual ability, needs, interests, and career desires. Lifetime success follows from a personal vision, the ability to remain future focused, and acting in a strategic manner. In today's society, with a global economy, a quality education is more important than ever before.

"The mission of Tiffin Columbian High School is to create a learning environment where all students will be provided the opportunity to achieve at their full learning potential."

Tiffin Columbian needs and wants the support of each parent to provide a quality educational program. We depend upon you to assist us in the growth, development, and success of your student. Mutual respect and cooperative efforts are the driving forces that will allow us to accomplish that objective. Feel free to contact the school counselors to answer questions or concerns that you may have. We are here to serve you and are readily available to assist you in the development of an academic program appropriate for your student.

We encourage parents to persuade their student to participate in the co-curricular and extracurricular programs at Columbian. We have found that students involved in school activities perform better in the academic programs than those who are not involved.

The Curriculum Guide is subject to change, as dictated by available district resources.



Columbian High School Course Selection Guide

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The purpose of the Curriculum Guide is to provide students and parents with general information about the courses available at Columbian High School.

Please take the time to review these course descriptions before you make your choices. A properly selected course of study will help you meet your future goals and ensure you graduate with the necessary credits and courses.

Tiffin City School's Mission statement states "Tiffin City Schools in partnership with students, families and community, will create a learning environment where all students achieve their full learning potential." Columbian High School is dedicated to fulfill that promise.

Please note: Course availability is subject to change.

Course Offerings and Descriptions

Art	P. 13-15		Math IV	1 credit
<u>Ceramics I</u>	½ credit		<u>Advanced Quantitative Reasoning</u>	1 credit
<u>Ceramics II</u>	½ credit		<u>Algebra III</u>	1 credit
<u>Ceramics III</u>	½ credit		<u>PreCalculus</u>	1 credit
<u>Commercial Art</u>	½ credit		<u>AP Calculus</u>	1 credit
<u>Design</u>	½ credit			
<u>Digital Art & Photography</u>	½ credit		Music	P. 23-24
<u>Drawing</u>	½ credit		<u>Band</u>	1 credit
<u>Painting</u>	½ credit		<u>Flag Squad</u>	¼ credit
<u>Advanced Art I</u>	1 credit		<u>Gold Chorus</u>	1 credit
<u>Advanced Art II</u>	1 credit		<u>Concert Choir</u>	1 credit
<u>Advanced Art III</u>	1 credit		<u>Music Theory I</u>	½ credit
<u>Video Technology</u>	½ credit		<u>Music Theory II</u>	½ credit
<u>Advanced Video Technology</u>	½ credit			
<u>Sculpture</u>	½ credit		Physical Education	P. 24-25
			<u>Health</u>	½ credit
Business Education	P. 16-17		<u>Physical Education</u>	¼ credit
<u>Business Applications</u>	½ credit		<u>Speed, Strength & Readiness</u>	½ credit
<u>Entrepreneurship</u>	1 credit		<u>Sports Specific PE</u>	½ credit
<u>Introduction to Business</u>	1 credit		<u>Walking for Fitness</u>	½ credit
<u>Personal Finance</u>	½ credit			
<u>You and the Law</u>	½ credit		Science	P. 25-27
			<u>Physical Science 9</u>	1 credit
College Credit Plus at TC	P. 17-18		<u>Honors Physical Science 9</u>	1 credit
<u>College Composition I</u>			<u>Biology 10</u>	1 credit
<u>College Composition II</u>			<u>Honors Biology 10</u>	1 credit
<u>Digital Literacy & Technology Readiness</u>			<u>Anatomy & Physiology</u>	1 credit
<u>Environment & Society</u>			<u>AP Biology</u>	1 credit
<u>Introduction to Psychology</u>			<u>Environmental Science</u>	1 credit
<u>Oceanus</u>			<u>Chemistry</u>	1 credit
<u>Principles of Sociology</u>			<u>Honors Chemistry</u>	1 credit
<u>Survey of Health Issues</u>			<u>Physics</u>	1 credit
Computer Science & Technology	P. 18		Social Studies	P. 27-95
<u>Intro to Computer Science</u>			<u>American History</u>	1 credit
<u>& Technology</u>	½ credit		<u>World History</u>	1 credit
<u>Video Game Design</u>	½ credit		<u>Financial Literacy</u>	½ credit
			<u>Current World Issues</u>	½ credit
English	P. 19-21		<u>Leadership/Service Learning</u>	1 credit
<u>English 9</u>	1 credit		<u>AP US History</u>	1 credit
<u>Honors English 9</u>	1 credit		<u>Economics</u>	½ credit
<u>English 10</u>	1 credit		<u>Introduction to Psychology</u>	½ credit
<u>Honors English 10</u>	1 credit		<u>AP Psychology</u>	1 credit
<u>English 11</u>	1 credit		<u>Government</u>	1 credit
<u>AP English Language</u>			<u>AP Government</u>	1 credit
<u>& Composition</u>	1 credit			
<u>English 12</u>	1 credit		World Language	P. 29-31
<u>AP English Literature</u>			<u>Chinese I</u>	1 credit
<u>& Composition</u>	1 credit		<u>Chinese II</u>	1 credit
<u>Folklore</u>	½ credit		<u>Chinese III</u>	1 credit
<u>Public Speaking & Communication</u>	½ credit		<u>Chinese IV</u>	1 credit
<u>Yearbook</u>	1 credit		<u>Spanish I</u>	1 credit
			<u>Spanish II</u>	1 credit
Mathematics	P. 21-23		<u>Spanish III</u>	1 credit
<u>Algebra I</u>	1 credit		<u>Spanish IV</u>	1 credit
<u>Honors Algebra I</u>	1 credit		<u>AP Spanish Language</u>	
<u>Geometry</u>	1 credit		<u>& Culture</u>	1 credit
<u>Honors Geometry</u>	1 credit			
<u>Algebra II</u>	1 credit		Vanguard/Sentinel Career &	P. 32-38
<u>College Prep Algebra II</u>	1 credit		Technology Center	
<u>Honors Algebra II</u>	1 credit			

MESSAGE FROM THE SCHOOL COUNSELORS

Planning a course of study for the high school years is one of the most important steps that you as a student will take toward being prepared for meeting the challenges of the post-high school years. Therefore, you should take the time to review your goals, interests, and abilities before you make your course selections.

Start by asking yourself these questions:

- What is my previous school record?
- What are my special talents and abilities and how can I use them to the best advantage?
- Where am I headed after graduation?
- What are my long-range plans for the future—what do I want to be doing five or ten years after graduation?
- What high school courses or other optional courses do I need to get started toward these goals?

As counselors, we will work with each of you to select those courses which will be vital to your post-high school years. You are also encouraged to seek out the advice and counsel of your parents and teachers. Remember, the courses you select are the means of reaching your future goals. If they are not selected carefully and thoughtfully, you may become sidetracked and even lose sight of your post-high school goals.

COURSE REQUEST AND SCHEDULE CHANGES

Completed Course Requests must be on file in the Guidance Office by May 1st of the previous school year.

Courses will be selected for any student who does not complete Course selections by the deadline. After May 1st, a request for a schedule change will be granted ONLY if it meets one of the following criteria:

- to upgrade a course
- adding a course to replace study hall
- receiving the same teacher for a failed course upon the approval of present teacher, student, and prospective teacher
- notation made on the Course Request sheet
- to drop a course if teacher and student feel course is too difficult (written approval is needed from the teacher)
- irreconcilable schedule conflicts
- changes needed to schedule CCP courses
- if taking seven courses and need a study hall

Additionally, a schedule may be changed at the discretion of the administrators and counselors. No schedule changes will be made after the first 5 days of the semester unless teacher or counselor initiated.

A grade of "F" will be assigned to a student who withdraws after the 1st quarter in any first semester course. A grade of "F" will be assigned to a student who withdraws after the 3rd quarter in any second semester course. This grade will be calculated in the student's grade point average. To avoid this penalty students may make a level change where possible.

PARENTS ARE REMINDED THAT CHANGES IN STUDENT COURSE REQUESTS WITHOUT PRINCIPAL APPROVAL ARE NOT ALLOWED AFTER MAY 1, 2023.

Be sure to make every effort to discuss with your student the selection of courses so that last-minute changes are not necessary. If parents have any questions about course selection or course content, call the Counseling Department, 419-447-6331, before May 1, 2023.

GRADUATION REQUIREMENTS

The Tiffin City Board of Education desires that its standards for graduation align with standards of the Ohio Department of Education and our Board of Education.

#EachChildOurFuture

Ohio's High School Graduation Requirements Classes of 2023 and Beyond



It's Your **Future.** Get **Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1.

Demonstrate Two Career-Focused Activities*:

Foundational

Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

*At least one of the two must be a foundational skill

Option 2.

Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3.

Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

Third, show readiness

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

At least one of the two must be Ohio-designed:

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine and Performing Arts Seal (Local)
- Student Engagement Seal (Local)

Want to learn more? Contact your school counselor or visit education.ohio.gov/graduation



STATE-DEFINED DIPLOMA SEALS:

Under Ohio's long-term graduation requirements, students must demonstrate readiness as a part of their pathway to earning a high school diploma. To demonstrate readiness, students must earn at least two seals, one of which must be a state-defined seal.

Ohio Seal of Biliteracy - The Ohio Seal of Biliteracy is an award conferred on graduating high school seniors who can demonstrate proficiency in English and a high level of proficiency in at least one other world language, which includes modern languages, classical languages, American Sign Language, Native American and native languages.

Citizenship Seal - Students will earn the Citizenship Seal by demonstrating knowledge and skills through coursework, on Ohio's State Tests, Advanced Placement and International Baccalaureate courses and tests, or in College Credit Plus coursework.

College-Ready Seal - To earn the College and Career Readiness Seal, students must earn remediation-free scores on the ACT or SAT.

Honors Diploma Seal - Students will earn the Honors Seal by satisfying the requirements for one of six honors diplomas.

Industry-Recognized Credential Seal - To earn the Industry-Recognized Credential Seal, students must earn an Ohio Department of Education approved industry-recognized credential or group of credentials aligned to a career that is considered in-demand in Ohio.

Military Enlistment Seal - A student will earn the Military Enlistment Seal when they provide evidence of enlistment in a branch of the United States Armed Forces. Students also may receive this seal if they participate in a Junior Reserve Officer Training Corps (JROTC) program.

OhioMeansJobs - Readiness Seal - To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.

Science Seal - Students will earn the Science Seal by demonstrating knowledge and skills through course work, Ohio's State Tests, Advanced Placement and International Baccalaureate courses and tests, or in College Credit Plus coursework.

Technology Seal - Students will earn the Technology Seal by demonstrating knowledge and skills on Advanced Placement and International Baccalaureate courses and tests, through College Credit Plus coursework or by completing a qualifying technology course.

For more information on the state-defined seal requirements, please go to the link below:

<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Ohio%E2%80%99s-Graduation-Requirements/Graduation-Seals>

TIFFIN CITY SCHOOLS LOCALLY APPROVED DIPLOMA SEALS:

Community Service Seal

- Can be completed at any point during the four years of high school.
- Cannot be started before June 1st of the summer prior to a students' freshman year.
- Must be completed by March 1st (unless otherwise approved by administration) of senior year.
- Requirements for the Community Service:
 - 60 Hours
 - Each community service experience must be pre-approved by a school counselor.
 - Hours must be documented within each current school year if the community service spans multiple school years.

Fine and Performing Arts Seal

- Two high school credits of visual or performing art.

Student Engagement Seal

- 4 *complete* extra-curricular experiences during high school, such as athletics, clubs, or student government.
- Extra-curricular activities and/or clubs must be school sponsored.
- Coach, athletic director, or club advisor will determine if the student has completed participation to a meaningful extent and sign verification paperwork.
- Non-school sponsored activities will be considered (such as dance, scouts, theater, employment) Student must seek school approval from the guidance office and verification of the time/ participation would have to be provided.

Tiffin City Schools will honor any seals that were earned at a previous school with documentation.

MINIMUM COURSE REQUIREMENTS FOR GRADUATION FROM COLUMBIAN HS:

Units								
Class	English	Social Studies	Math	Science	Health/ PE	Electives	Total	State Requirements
2023 and beyond	4	3 ⁶	4 ²	3 ³	1	6 ^{1,4,5}	21	See Guidance from ODE

1. Includes 1 credit of Business/Career Tech, Fine Arts, or World Language.
2. Mathematics credits must include 1 credit of Algebra II or the equivalent of Algebra II.
3. Science credits must include 1 credit of Physical Science, Biology, and 1 credit Advanced Study.
4. Students must complete at least two semesters of Fine Arts in grades 7-12. Students who successfully complete a career-technical pathway are exempted from the Fine Arts requirement.
5. 1/2 credit Financial Literacy. (2026 and beyond)
6. Social Studies credits must include American History, World History and Government.

For more information regarding Ohio High School graduation requirements and pathways, please go to education.ohio.gov – search graduation requirements.

BUSINESS, TECH, FINE ARTS, WORLD LANGUAGE REQUIREMENT

The following courses may be counted for the Business/Career Tech, Fine Arts, World Language requirement:

- All Art classes
- All Business classes
- All World Language classes
- All Music classes
- All Sentinel/Vanguard classes

FINANCIAL LITERACY

The following courses may be counted for the Financial Literacy requirement.

- Agricultural Business Management
- Career Exploration Program
- Consumer Education
- Economics (Class of 2024 & 2025)
- Personal Finance

HIGH SCHOOL CREDIT DURING TIFFIN MIDDLE SCHOOL

TMS students may be eligible to take the following courses for high school credit:

- American History
- Chinese
- Health
- Honors Algebra I
- Spanish

STUDENTS SHOULD BE AWARE OF THE FOLLOWING REGULATIONS:

1. Students need 21 credits for graduation.
2. Students are required to take five half credit classes per semester but are encouraged to take six.
- ~~3.~~ All incoming high school students will be assigned to physical education unless a doctor's excuse is on file. Students also have the option of fulfilling the PE requirement by successfully completing 2 seasons of a sport, marching band, and/or flag-
4. Courses for which less than fifteen students register may not be offered.
5. A grade of "F" will be assigned to a student who withdraws after the 1st quarter in any first semester course. A grade of "F" will be assigned to a student who withdraws after the 3rd quarter in any second semester course. This grade will be calculated in the student's grade point average. To avoid this penalty students may make a level change where possible.
6. **An Equal Opportunity School:** No student, on the basis of race, national origin, sex, or handicap, shall be subject to discrimination under any program or activity.
7. For athletic eligibility purposes all students must pass a minimum of five half credit courses each grading period. Please Note: Flag Squad and Physical Education count as 1/4 credit per semester. Students must maintain at least a 1.5 GPA during that grading period.
8. At the time of graduation each student will have fulfilled all course requirements and financial obligations.
9. Any 12th grade student who continues in attendance to the completion of the school year, but fails to qualify for credit in one or more courses required for graduation, will not be eligible to participate in the formal commencement exercises where diplomas are awarded.

WEIGHTED COURSES

Advanced Placement, Honors, Pre-Calculus and some CCP* courses are weighted. By weighting these courses, students enrolled will be rewarded by receiving higher grade point averages with grades D- and above. Listed below is a comparison of non-weighted vs. weighted grade point values.

* CCP courses are weighted where a comparable weighted subject is offered at Columbian (i.e. English). CCP courses are not weighted in non-weighted subject areas at Columbian (i.e. health)

<u>Non-weighted</u>	<u>Weighted</u>
A 4.00 A+ or A 4.33	
A- 3.67	A- 4.00
B+ 3.33	B+ 3.67
B 3.00	B 3.33
B- 2.67	B- 3.00
C+ 2.33	C+ 2.67
C 2.00	C 2.33
C- 1.67	C- 2.00
D+ 1.33	D+ 1.67
D 1.00	D 1.33
D- 0.67	D- 1.00
F 0.00	F 0.00

COLLEGE PREPARATORY PROGRAM RECOMMENDED FROM THE NATIONAL ASSOCIATION OF COLLEGE ADMISSION COUNSELORS

- 4 credits of English
- 4 credits of Math including Algebra II
- 3 credits of Science (or 4 depending on major)
- 3 credits of Social Studies including World History, American History, and American Government
- 2 credits of the same World Language
- 1 credit of the Arts (any art or music department course)
- 1/2 credit Physical Education
- 1/2 credit Health
- 1/2 credit in the area of Financial Literacy

DIPLOMA WITH HONORS

Below are the requirements for the Academic Honors Diploma. For full details on Academic Honors Diploma and the state's other diplomas including the Career Tech Honors Diploma, STEM Honors Diploma, Art Honors Diploma, and Social Science/Civic Engagement Honors Diploma please visit [ODE's website here](#).

For the Academic Honors Diploma, students must meet ***all but one*** of the following criteria. Students must meet general graduation requirements to qualify for honors diplomas. Interested students should see their school counselor no later than the end of junior year. It may not be possible to complete all course requirements after that time.

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher

EDUCATIONAL OPPORTUNITIES

ADVANCED PLACEMENT PROGRAMS

TCHS AP Mission Statement:

“The Advanced Placement program at Tiffin Columbian High School is committed to providing opportunities for all interested students to participate in rigorous, meaningful academic experiences. We believe such experiences will encourage students’ success at the college level as well as prepare them to be productive and competitive contributors to society.”

Are you ready for a unique learning experience that will help you succeed in college? Each year, students around the world who want to learn and achieve at the highest level become AP students. Through AP’s college-level courses and exams, you can earn college credit and advanced placement and stand out in the admissions process. Over 90% of 4-year colleges in the U.S. provide credit and/or advanced placement for qualifying scores. Your AP scores could earn you college credit or advanced placement (meaning you could skip certain courses in college). Use this tool to find colleges that offer credit or placement for AP scores. [AP Credit Policy Search](#)

In addition, AP courses can help you stand out in the college admissions process by showing your willingness to take the most rigorous courses available to you. (From the Collegeboard website – <http://sat.collegeboard.org>)

All students enrolled in AP classes are required to take the AP exam. AP exam fees are not collected for students enrolled in their AP course. However, a student will be charged an unused exam fee if the student drops an AP course from their schedule after October 1. The examinations are administered in May and are approximately three hours in length. Final examination grades are reported on a five-point scale: 5-extremely well qualified, 4-well qualified, 3-qualified, 2-possibly qualified, and 1-no recommendation. Final Exam grades are made available to students online. The AP tests are available to all students at Columbian High School.

Columbian offers the following Advanced Placement courses:

AP Biology	AP U.S. Government and Politics
AP Calculus (AB)	AP Psychology
AP English Literature and Composition	AP Spanish Language and Culture
AP English Language and Composition	AP U.S. History

See individual descriptions of each AP course under the appropriate department listings in this guide. Collegeboard offers more than 30 AP courses and exams. Students interested in AP courses not offered at Columbian are encouraged to check Virtual High School offerings. Please see www.thevhscollaborative.org, or consult the Collegeboard website, <http://sat.collegeboard.org>, for more information.

MENTORSHIP

Bridging Readiness After Graduation (BRAG) prepares students for post-secondary experiences, entry or advancement into a particular career field. Its purpose is to provide authentic workplace experiences for high school seniors that develop essential technical and employability skills required by employers. Seniors report to worksites in a variety of industry sector placements (business, manufacturing, healthcare, etc.) for 6 hours per week during the school day. Students will participate in a Career Readiness Course through partnership with Terra State Community College and may earn the Ohio Means Jobs Readiness Seal on their diploma.

COLLEGE CREDIT PLUS (CCP)

College Credit Plus allows students to take a college course and earn college plus high school credit while in high school, on a full- or part-time basis. The goal of this option is to promote rigorous academic pursuits and expose students to options beyond the high school classroom. Students may take college courses taught within the high school building, at the college campus, or a course taken online.

Some CCP classes are weighted.

CCP requires two fundamental conditions:

- Student must be enrolled in both college and high school.
- Student will earn transcribed college and high school credit upon successful completion of the course.

Both student and parent should be informed about CCP prior to enrolling in this program. Information will be updated annually and will be published on the TCHS website. The Intent to Participate form must be turned in to your Columbian school counselor by April 1 of the preceding school year of participation. Students/families will be responsible for tuition and course fees in any course deemed by the university to be an F (failure), W (withdraw) or W/F (withdraw/failure). For the most current information regarding College Credit Plus, please visit the Ohio Department of Education’s CCP website at <https://www.ohiohighered.org/ccp/students-families>

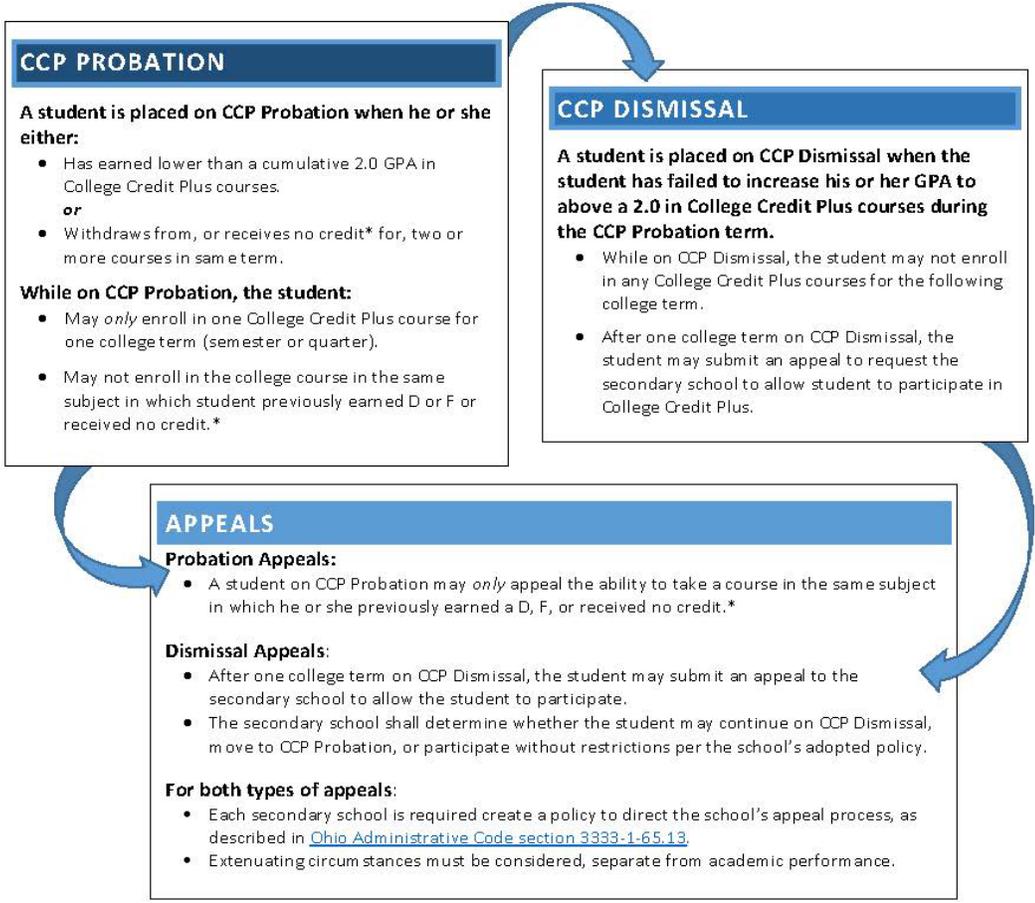
COLLEGE CREDIT PLUS (CCP) PROBATION AND DISMISSAL



PROBATION & DISMISSAL
 UNDERPERFORMING STUDENT RULE
 OHIO ADMINISTRATIVE CODE 3333-1-65.13

Rule 3333-1-65.13 went into effect starting summer term of the 2018-19 academic year, providing a definition of underperforming students and regulations for probation and dismissal from the College Credit Plus program.

PLEASE NOTE: This rule does not alter, supersede, or affect any college or university policy/procedure on satisfactory academic progress.



*“No credit” under this rule has been interpreted to mean a transcript entry of W, NC, or equivalent.

CREDIT FLEXIBILITY

The future that our students will encounter demands that we continue to make significant changes in teaching and learning and school design. State legislators understood this when they enacted Senate Bill 311 and directed the State Board of Education to adopt a plan that enables students to “earn units of high school credit based on a demonstration of subject area competency instead of or in combination with completing hours of classroom instruction.”

This plan for “credit flexibility” aligns with the state of Ohio’s vision for education, especially its emphasis on expanded learning opportunities and real world learning environments reflective of today’s realities. It acknowledges that Ohio’s competitiveness in the 21st century’s global economy requires that opportunities for innovation be enhanced, that our systems of learning become more flexible and more adaptive to the environments that surround them, and that our capacity and will to support student learning be expanded. (“New Emphasis on Learning,” June 2009, Ohio Department of Education.)

The various types of credit flex include:

Independent Study, Mentorship, Multi-Disciplinary, Online, Testing Out, Course Related Trips and Other Credit Flex opportunities.

Credit Flex application packets are available in the Counselor’s Office. Applications are due May 1 for first semester and Dec. 1 for second semester. Please read carefully.

EARLY GRADUATION

Definition

The practice of facilitating completion of the high school program in fewer than four years for the purpose of providing earlier than typical access to post-secondary educational opportunities.

Referral

The Board acknowledges that most students derive the maximum scholastic and social benefits from a four-year high school program. However, students who accelerate through the District’s academic program and complete the requirements of the Ohio Department of Education are permitted to graduate early.

Early Graduation is available to high school students provided they follow all of the requirements established for this purpose.

Once approval for early graduation is established, the student becomes a member of the class in the school year in which his/her graduation requirements are completed.

Parents must request permission for Early Graduation for their student on an application obtained from the High School Guidance Department. This must be completed prior to the anticipated final year of high school. See your counselor for a “Parent Request for Early Completion for Graduation” form.

The following criteria will be evaluated to determine early graduation eligibility.

- To graduate after seven semesters, a student must have 17 1/2 credits entering the senior year to participate in Early Graduation.
- To graduate after six semesters, a student must have 14 credits completed entering the final year of high school to participate in Early Graduation.
- Students must have met or are on track to meet one pathway to graduation prior to their proposed date of graduation.
- Students desiring Early Graduation must check with their high school counselor during registration for their final year to be certain that graduation requirements will have been completed prior to the issuance of the diploma.
- Diplomas will be issued upon completion of all graduation requirements.
- Upon withdrawal from school at the end of six or seven semesters, a student is no longer considered a member of the student body and will not participate in any school activities as a student with possible exception of the graduation exercises.

INTERCOLLEGIATE ATHLETES

Students planning to participate in athletics in a Division I or II college, upon high school graduation, should register with NCAA and notify their high school guidance counselor. Please visit the NCAA Eligibility Center website at www.eligibilitycenter.org to register and view a list of approved high school courses.

SUMMER SCHOOL

Tiffin City Schools offers a summer school program for credit recovery only. Any summer course taken at another high school must have a Columbian High School administrator's approval before enrolling. Students will only be permitted to take summer school classes for credit advancement if there is a scheduling conflict and the course does not have an Ohio State Test.

TORNADO ACADEMY

Parents who wish to select a remote learning environment for their students may do so through the Tiffin City Schools Tornado Academy.

VIRTUAL HIGH SCHOOL COLLABORATIVE

Virtual High School (VHS) enables a student to take classes via the Internet from teachers from other cooperating schools. Over 300 classes are available in the course catalog ranging from technical classes to AP Classes. Classes are either semester classes (1/2 credit) or full year classes (1 credit).

To be eligible for this option, students must have a GPA of 3.0 or higher and permission from the VHS Coordinator.

- VHS classes do not replace courses offered at Columbian unless approved by the administration.
- To view the course catalog visit: www.vhscollaborative.org.
- VHS policies must be followed
- See your counselor for an application.

ART [\(Back To Course Offerings\)](#)

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.

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.

CERAMICS I

1/2 credit (grades 10-12)

The use of clay to make pottery is one of the oldest crafts in existence. It can be used to create everyday objects, sculpture, and other fine art objects. Ceramics will explore all the traditional and modern methods, including the use of molds. Students will use various types of clays, glazes, and application techniques to create their projects. Ceramic classes will also visit and look at various local businesses that manufacture clay products.

CERAMICS II

1/2 credit (grades 10-12)

Prerequisite: B average or better in Ceramics I or teacher recommendation

This course is intended to continue to advance the study of ceramics. The main emphasis will be on student work, student growth in the medium, and student ability to create expressive, unified, and cohesive three-dimensional forms in clay. In addition to demonstrations of all clay techniques, the student will encompass art history, art appreciation, art criticism, aesthetics, and production. The primary emphasis will be on studio work to build a portfolio of finished pieces by the end of the semester. Students should have the ability to be self-directed.

CERAMICS III

½ Credit (grades 11-12)

Prerequisite: B average or better in Ceramics II or teacher recommendation

This intended to develop and extend clay-forming skills introduced in Ceramics I & II. This course provides the opportunity for advanced self-determined work in sculptural and functional ceramics. Emphasis is placed on developing the technical awareness of clay bodies, slips, engobes, and firing procedures necessary to fulfill the student's artistic goals. Upon completion, students should be able to demonstrate a knowledge of materials and techniques necessary to successfully create original projects in the clay medium. This class will be offered the same period as Ceramics II.

COMMERCIAL ART

1/2 credit (grades 9-12)

It is strongly recommended that students are computer literate before enrolling in this class.

Commercial Art explores the business side of art. Various aspects of commercial design are emphasized such as typography, layout, and design. A heavy emphasis will be placed on using computer applications such as Photoshop. Use of digital media (cameras, scanners) will also be incorporated.

DESIGN

1/2 credit (grade 9-12)

This hands-on course is largely student driven with special attention paid to the design process. Students learn to work through assigned problems step by step with each project culminating with an event. Investigations into engineering, community, industrial design, and collaborative competition are often used as a guide for this exploratory class.

DIGITAL ART & PHOTOGRAPHY

1/2 credit (grades 10-12)

This course is designed for students who are interested in learning the fundamentals of digital photography, manipulation and computer generated graphics. It will cover the elements of photographic composition, as well as the basic to intermediate features of Adobe Photoshop. The students will study Elements & Principles of Art to develop a visual understanding and apply critical thinking skills. The history of photography and the camera will be covered. It is strongly recommended that students are computer literate before enrolling in the class. **Students are required to have access to a still digital camera in order to take pictures inside and outside of the school building. Students are liable for damages to school-owned digital media equipment.**

DRAWING

1/2 credit (grades 9-12)

Drawing is a studio course based on learning new drawing procedures, skills and techniques. Emphasis is placed on new media usage, sketchbook development, and the introduction of themes as an artistic statement. Drawing appreciation units will include art criticism and matting. Students with a serious interest in moving up to advanced art should consider this course.

PAINTING

1/2 credit (grades 9-12)

This course will investigate painting mediums divided into two main categories. Watercolor, acrylic and oil painting medias will be explored. Subject areas such as landscapes, still life, figure painting, and abstraction will be covered. An understanding of historical art styles and color usage will also be incorporated into this course.

SCULPTURE

1/2 credit (grades 9-12)

This course is an intense investigation into multi-media, traditional and non-traditional sculpture techniques. Human form, non-representational art, found object art, and relief sculpture will be addressed. Students do not need experience with power tools, however a willingness to learn how to use them safely is required.

ADVANCED ART I

1 credit (grades 10-12)

Prerequisite: 1.0 credit of art maintaining a B average or teacher recommendation

This full-year course is designed for the student with a great interest in art forms of all kinds. Advanced Art is a partially independent unit where teacher and student develop and design projects based on advanced compositions as well as individual student interests. Field trips, community service projects, and class speakers also add to the realism of being an artist. Students may need to purchase equipment necessary for large or advanced work.

ADVANCED ART II

1 credit (grades 11-12)

Prerequisite: B average in Advanced Art I or teacher recommendation

An independent approach to all phases of art is offered in this most advanced art offering. Conferences between teacher and student will tailor assignments to meet the student's needs for a college portfolio. School and community projects bring a new value and understanding to senior portfolio students. Students will be required to display and participate in all competitions and local displays. All assessments will be based on the advanced planning format. Students may need to purchase equipment for large/advanced art works.

ADVANCED ART III

1 credit (grade 12)

Prerequisite: A average in Advanced Art II or teacher recommendation

Advanced Art III is Columbian's highest level art class. Students work on thematic artwork based on a personal art philosophy. Portfolio development for college entrance will be the main objective of the class. Students will be prepared for college level requirements through the use of research and investigative processes learned in Advanced Art II. Students may need to purchase equipment for large/advanced art works.

VIDEO TECHNOLOGY

1/2 credit (grades 11-12, grade 10 with permission)

Video Technology covers the entire process of creating a good film. Writing, scripting, storyboarding, filming, editing, music, titles, and special effects are all part of the package. **Students are required to have access to a digital video camcorder in order to film inside and outside of the school building.** Digital camcorders are preferred as all final formats will be digital. This class is fast pace and requires a good deal of reading and the ability to be self-directed. **Students are liable for damages to school-owned digital media equipment.**

ADVANCED VIDEO TECHNOLOGY

1/2 credit (grades 11-12)

Prerequisite: C or higher in Video Technology or teacher recommendation

In this project-based course students will use, analyze, and create video media for real world setting. This advanced course will provide an environment for creative expression through visual media. Students will learn the specialized vocabulary of the film and television industry and use it to express themselves clearly and concisely in their writing about film. Students will develop ideas individually or within a group, compose a script, and complete video projects based on their script. Most importantly, students will study the art of filmmaking and the creative process that precedes any film. Students will study the impact of film and television on society. The curriculum is presented with facilitation of basic skills of film planning, filming, and editing learned in "Video Technology" for the development of student projects. Throughout the year, students will work in teams rotating through the various roles providing them with experiences in all aspects of video production. Each student will be expected to present a production they direct and digitally edit in some public forum. Internships may also be available in the area of video production. Students should be in good academic standing, self-motivated, and able to work without supervision.

BUSINESS EDUCATION [\(Back To Course Offerings\)](#)

BUSINESS APPLICATIONS

1/2 credit (grades 9-12)

The focus of this project-based course is on business productivity software applications and professional behavior in computing, including typing, word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. Students will learn computer applications commonly used in the business world, including MS Office Program and other software.

Students will have opportunities to demonstrate their knowledge through multiple independent and group projects, digital resources, presentations, quizzes, and tests. *Note: Students will utilize classroom computers on a daily basis.*

ENTREPRENEURSHIP

1 credit (grades 11-12)

Prerequisite: Introduction to Business

How do you turn an idea into a business? This course focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. In this project-based course students will engage in real-world experiences. Emphasis will be placed on networking, student work ethic, communication skills, and the commitment to excellence. Integration of accounting, finance, marketing, business management will be developed throughout projects in this course. Students will work to develop a business plan that includes structuring the organization, financing the organization, and managing information, operations, marketing, and human resources.

Various forms of technologies will be used to expose students to resources and application of business principles for starting, operating and maintaining a business. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. *Note: Students will utilize classroom computers on a daily basis.*

INTRODUCTION TO BUSINESS

1 credit (grades 9-12)

Before you join the world of work, you'll need the important basics which can be provided in an introductory course in business. The experiences and content from this course can not only impact your future courses, but also your careers. Introductory high school business curriculum is where a real interest in business can start and turn into a passion for a fulfilling career. Students will get a taste of all sorts of career options available in this pathway and likely determine their next step from there.

The curriculum is designed to provide opportunities for students to advance their understanding of the field of business through education, knowledge creation, and the brokering of new and empowering connections. Courses are structured so that students may become innovative, principled and insightful leaders that possess both a local and global perspective. Students will have opportunities to demonstrate their knowledge both in and out of the classroom, through multiple independent and group projects, community-based projects, simulations, presentations, quizzes, and tests. *Note: Students will utilize classroom computers on a daily basis.*

PERSONAL FINANCE

1/2 credit (grades 10-12)

Did you ever hear someone say, "I sure wish someone had taught me about money when I was in school"? Well, this is just what is happening in this Personal Finance course. We'll cover basic money management topics such as budgeting, borrowing, earnings, investing, financial services, identity protection, and insurance.

Focus is on applying the concepts to your personal situation, which is reinforced through projects, presentations, worksheets, tests, and quizzes. Course is designed to utilize technology in the classroom, including digital workbooks, computer simulations, and online assessments. *Note: Students will utilize classroom computers on a daily basis.*

YOU AND THE LAW

1/2 credit (grades 10-12)

You & the Law is a semester long elective that serves as an introductory course to law and legal systems in the United States. Units will include: Introduction to Law, Constitutional Law, Criminal Law, Civil Law, and the Criminal Justice Process.

Like any introductory course, You & The Law is a survey; we will touch on broad and specific legal topics to give students a better understanding of law and how it affects you in real life. We will use case studies, individual research, group discussion, guest speakers, and mock trials throughout the course in order to reach our goal. Dueling opinions and lively discussion should be the norm in this course making the class fun, enriching and meaningful. *Note: Students will utilize classroom computers on a daily basis.*

COLLEGE CREDIT PLUS AT TC

[\(Back To Course Offerings\)](#)

COLLEGE COMPOSITION I (CCP WITH TERRA STATE)

1 high school credit / 3 college credits

Composition I is an introductory college writing course that is based on reading. Writing assignments require accurate reading of professionally written essays. Because accurate reading is vital to understanding and critical thinking, students will learn to become active participants in the reading process. Through this process, students learn to achieve clear, thoughtful writing that is coherent, organized, and well developed. The course emphasizes revision through peer review, instructor feedback and intervention, and portfolio assembly. The course also emphasizes critical analysis of ideas and “writing as a process.”

COLLEGE COMPOSITION II (CCP WITH TERRA STATE)

1 high school credit / 3 college credits

College Composition II is an advanced college writing course in research supported argumentation; the course “encourages practice in close analysis, use of supporting materials, and logical organization” (Rottenberg iii). Students will generate topics for their arguments from their major field of study or an area of interest if a major has not yet been declared. In either case, the instructor will approve the topic. The instructor may also assign topics. Students are actively encouraged to consult often with their academic advisor, professors in their major, or professors in the content area of the argument’s topic for help with content material or a topic itself.

DIGITAL LITERACY & TECHNOLOGY READINESS (CCP WITH TIFFIN UNIVERSITY)

1 credit / 3 college credits

This course is a survey of basic computer concepts and the MS Office Applications Suite. Topics covered include responsible use of information technology, hardware concepts, word processing (Word), the use, development and maintenance of spreadsheets (Excel), the creation of electronic presentations (PowerPoint), and an introduction to databases (Access). This is a hands-on skills and a conceptual course. Participants will be required to demonstrate software proficiency in the lab, as well as through objective written tests.

ENVIRONMENT AND SOCIETY (CCP WITH UNIVERSITY OF FINDLAY)

2nd semester / 1 credit / 3 college credits / no lab component

Pre-Requisite: Physical Science or Biology. Students must apply and be accepted to the University of Findlay to take course

Environment and Society studies the dependency of humans on their natural environment while emphasizing conservation, sustainability, and energy efficiency. The course initially examines the structure and function of ecosystems. The course then examines man's impact up on ecosystems and public health by identifying various sources of air contaminants, water contaminants, and soil contaminants and the composition of municipal and industrial waste. Current writings and events related to the environment are identified and discussed. Public officials and governmental bodies and processes that protect human health and the environment are also examined.

INTRODUCTION TO PSYCHOLOGY (CCP WITH TIFFIN UNIVERSITY)

1 credit / 3 college credits

Introduction to psychology as a behavioral science, including historical background, human development (genetic and physical) from birth through death, the senses and perception, intelligence and creativity, and the principles of conditioning, learning, memory, and forgetting.

OCEANUS (CCP WITH UNIVERSITY OF FINDLAY)

1st semester 1 credit / 3 college credits/ no lab component

Pre-Requisite: Physical Science or Biology. Students must apply and be accepted to the University of Findlay to take course.

This is an integrated science course focusing on the marine environment to convey global science concepts. The course investigates physical, chemical, geological, and biological resources, ocean-atmosphere interactions, and current global environmental issues and is intended for non-science majors.

PRINCIPLES OF SOCIOLOGY (CCP WITH TIFFIN UNIVERSITY)

1 credit / 3 college credits

Introduction to the basic concepts of sociological study, elements of social life, social patterns and institutions, and the process of maintenance and change in society.

SURVEY OF HEALTH ISSUES (CCP WITH TIFFIN UNIVERSITY)

1 credit / 3 college credits

Health decisions made today are the building blocks for future personal health. This course will assist the student in making personal health decisions by introduction of resources and information pertaining to various health issues, health trends and examination of issues pertinent to the life of today's college student.

COMPUTER SCIENCE [\(Back To Course Offerings\)](#)

INTRODUCTION TO COMPUTER SCIENCE PRINCIPLES

1/2 credit (grades 9-12)

Introduction to Computer Science Principles will provide students with a survey exploration of the world of computer science and its technologies. Students will investigate the structure and function of computational systems and explore the domains and applications of the computer science field, from programming to digital media, the internet, networking, big data and cybersecurity. This is an online VHS class proctored by a TCHS staff member.

VIDEO GAME DESIGN

1/2 credit (grades 9-12)

The Video Game Design course provides an opportunity for students to design and develop video games for mobile devices, consoles, and personal computers using the Unity environment. The curriculum follows the Unity Essentials and Junior Programmer pathways and culminates in the creation of a game designed by the student. This is an online VHS class proctored by a TCHS staff member.

ENGLISH

[\(Back To Course Offerings\)](#)

ENGLISH 9

1 credit

English 9 focuses on literature that highlights the theme of Coming of Age. Building on their knowledge of literary elements in traditional literary genres, students study the relationship between narrative voice and style, while also analyzing literary and stylistic elements in film and literature. They develop persuasive writing skills by using rhetorical appeals. Performance and oral interpretation of literature build students' speaking and listening skills. Research continues to play an important role as students evaluate social, cultural, and historical influences on texts. Students also continue to evaluate their use of strategies. An emphasis is placed on real-world application of speaking, writing, reading, and technology skills required for college and career readiness. This is a course requiring students to be independent and collaborative learners. The pace and amount of content covered will be rigorous and challenging for all learners.

HONORS ENGLISH 9

1 credit

Prerequisite: A or B in Advanced English 8 or file review/teacher recommendation

Honors English 9 focuses on literature that highlights the theme of Coming of Age. Building on their knowledge of literary elements in traditional literary genres, students study the relationship between narrative voice and style, while also analyzing literary and stylistic elements in film and literature. They develop persuasive writing skills by using rhetorical appeals. Performance and oral interpretation of literature build students speaking and listening skills. Research continues to play an important role as students evaluate social, cultural, and historical influences on texts. Students also continue to evaluate their use of learning strategies. The pace and amount of content covered will be accelerated throughout the course. The Language Arts program is designed to prepare students for success in future AP courses.

ENGLISH 10

1 credit

English 10 focuses on the concept of culture and community, and examines how these influences shape identity and perspective. Students read and analyze works of world literature, with emphasis on analysis of how stylistic choices and rhetorical elements shape tone in persuasive and argumentative texts, both print and nonprint. Students deconstruct writing prompts and write a synthesis essay that incorporates perspectives from multiple sources, an important writing skill. Students develop their independent learning skills as they respond to opportunities for self-evaluation. An emphasis is placed on real-world application of speaking, writing, reading, and technology skills valuable beyond high school.

Student success in this course requires them to engage in whole group speaking and collaboration opportunities in the classroom. The pace and amount of content covered will be rigorous and challenging for all learners. An emphasis is placed on real-world application of speaking, writing, reading, and technology skills required for college and career readiness.

Students will take Ohio State Test English Language Arts II.

HONORS ENGLISH 10

1 credit

Prerequisite: A or B in Honors 9 or comparable course with teacher recommendation

Honors 10 prepares students to engage on a higher intellectual level required for English Advanced Placement courses. The course focuses on the concept of culture and community, and examines how these influences shape identity and perspective. Students read and analyze works of literature, with emphasis on analysis of how stylistic choices and rhetorical elements shape tone in persuasive and argumentative texts, both print and non-print. Students deconstruct writing prompts and write a synthesis essay that incorporates perspectives from multiple sources, an important AP skill. Students develop their independent learning skills as they respond to opportunities for self-evaluation. The pace and amount of content covered will be accelerated throughout the course. The Language Arts program is designed to prepare students for success in future AP courses.

Students will take Ohio State Test English Language Arts II.

ENGLISH 11

1 credit

English 11 focuses on American fiction and nonfiction, using literary and other texts to present the iconic idea of the American Dream. Students research historical and contemporary texts as they articulate the origins and impact of the ideals and realities of the American Dream on life today and on personal thinking. Students are expected to articulate personal convictions and propose solutions to social issues. Writing in a variety of modes—personal essays, opinions and editorials, credos, reflective self-evaluation, speeches, satire, dramatic scripts, surveys, literary analyses, and research projects—students expand their skills in communicating well through written and spoken language. Instructional elements to help prepare for the ACT and the PSAT will promote test readiness in students. The pace and amount of content covered will be rigorous and challenging for all learners.

AP ENGLISH LANGUAGE AND COMPOSITION

1 credit

Recommendation: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

Fulfills English 11 or English 12 graduation requirements

AP Language and Composition focuses on literary and informational texts to present universal topics—ethics, gender, politics, culture, education, and personal identity. To model the modes of writing expected on the AP test and in college-level course work, students will frequently write under specific time constraints. Students will articulate personal convictions and propose solutions to social issues presented in writer's arguments. Students will synthesize a variety of sources to create a cogent argument of their own design. Students will recognize and analyze the effectiveness of rhetorical strategies used in a text. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

ENGLISH 12

1 credit

English 12 capitalizes on the confidence and expertise students have gained as interpreters and analyzers of texts by introducing them to multiple lenses through which to view text. Students are asked to broaden their understanding and their interpretive skills by thinking deeply about themes and ideas from multiple perspectives. Using Historical, Cultural, Feminist, Marxist, and Archetypal Criticism, students learn to view texts through some of the filters that result in multiple interpretations of the same text or media story. Students apply the theories of criticism to their own reading and to interpretation of both fiction and nonfiction texts.

English 12 is designed to expand students' language skills and foster a lifelong appreciation for reading, writing, and communication. English 12 students will refine skills required in the workforce and academic world beyond high school.

AP ENGLISH LITERATURE AND COMPOSITION

1 credit

Recommendation: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

Fulfills English 11 or English 12 graduation requirements

Students in AP Literature and Composition will broaden their understanding of literature by reading rich, rigorous classic and contemporary fiction, poetry, drama, nonfiction, and visual texts. Students will apply high-level thinking skills during frequent Socratic seminars and present both informal and formal speeches. Writing in a variety of modes expected in a college introduction to literature course, students will produce creative pieces, research projects, film and literary analysis essays and collaborative projects that demonstrate a strong command of voice, purpose, and clarity. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

FOLKLORE

1/2 credit (grades 10-12)

Prerequisite: C average

This class will focus on the origins, traditional cultural impacts, and the modern effects and/or adaptations of the five sub genres of folklore, or stories that originated in the oral tradition. This will include the nuances and histories of many of the more well-known Fables, Tall Tales, Myths, Fairy Tales, and Legends and the archetypes that are prevalent in these categories that help define these types of stories.

PUBLIC SPEAKING/ COMMUNICATION

1/2 credit (grades 9-12)

This course in basic oral communication includes instruction and practical speaking experience. The course will start with students developing an understanding of the basics of communication and then will cover how to build a speech with focus on research, audience, content, organization, and visual aids. The course will also cover how to perform a speech by giving consideration to poise, voice, eye contact, gesture, and speed. Students will deliver a variety of speeches on a wide array of topics chosen by them and will hone the skills to be better presenters and communicators. Students can expect to build and perform at least 8-10 speeches during the course of the semester.

YEARBOOK

1 credit (grades 9-12) repeatable

Yearbook is a class for students who are interested in working on the high school annual. Students will be responsible for layouts, photography, sales campaigns, copywriting, and graphic design. Access to a digital camera and computer knowledge is beneficial. The course requires out-of-class time to complete assignments. Note: Yearbook is a class where students are treated as professionals. Students need to be motivated, organized, hard-working, and will be held accountable to the team for their actions and final product. Students are responsible for choosing the high school annual's theme and page designs, as well as advanced layout, photography, writing, and ad sales campaigns. Adobe InDesign and PhotoShop will be used to complete these tasks. Opportunities for training with professionals in the graphic and computer design fields also are included.

MATHEMATICS [\(Back To Course Offerings\)](#)

ALGEBRA I/HONORS ALGEBRA I

1 credit (grades 9-12)

Prerequisite Honors Algebra I: B+ or higher in Pre-algebra or Advanced 8th Grade Math

Honors Algebra is an accelerated course where the pacing is quicker and there will be more expected of the student.

It is strongly recommended that all students buy graphing calculators to help with the Ohio State Test.

Algebra is a way to solve problems and to mathematically understand the world around us. Intended for all

students, algebra uses symbols such as “ x ” and “ n ” to represent numbers. Using symbols in this way makes it easier to study number patterns and to solve problems. Topics include basic probability and statistics, solving equations and real-life word problems, graphs of equations and functions, exploring exponents, radicals, polynomials, and graphing calculator technology. Students will have to take the Algebra I Ohio State Test.

GEOMETRY / HONORS GEOMETRY

1 credit (grades 9-12)

Prerequisite for Geometry: Algebra I or teacher recommendation

Prerequisite for Honors Geometry: B or higher in Honors Algebra I or A-or higher in Algebra I, Honors Geometry is an accelerated course where the pacing is quicker and there will be more expected of the student.

All of us take many things for granted. As we learn, we would hope to rely more on reason and proof and less on beliefs and guesswork. In geometry we learn how to prove a statement formally, emphasizing the improvement of one’s logic and reasoning ability. Geometry will also offer a practical setting in which to use your arithmetic and algebra. Some topics included are lines, segments, angles, triangles, quadrilaterals, polygons, circles, three-dimensional geometry, and the development and proving of these figures. This course will also help students review the standards for the Ohio State Tests.

ALGEBRA II

1 credit

Prerequisite: Algebra I and Geometry and/or teacher recommendation

This course was designed for students that are interested in entering the workforce or military. This course is not intended for students that plan on continuing their education at a 2-year or 4-year institution. The course will explore the topics found in Algebra II.

COLLEGE PREP ALGEBRA II / HONORS ALGEBRA II

1 credit (grades 10-12)

The purchase of a TI-83 or TI-84 graphing calculator is required.

Prerequisite for College Prep Algebra II: Algebra I and Geometry

Prerequisite for Honors Algebra II: B or higher in Honors Geometry or A- or higher in Geometry Honors College Prep Algebra II is an accelerated course.

The study of the structure of number systems and the thought processes developed in this course will carry over to the problem-solving techniques needed in your future everyday lives. Review of Algebra I takes place along with a more in-depth study of simplifying, factoring, solving, and evaluating where “ x ” is involved. Irrational and complex numbers, logs and exponentials, sequences and series, the binomial exponential theory and trigonometry are also covered. You will need this course for college and it would give you a head start for technical schools.

ALGEBRA III

1 credit

The purchase of a TI-83 or TI-84 graphing calculator is required.

Prerequisite: A student must pass Algebra I and Geometry, and have passed a full year of Algebra II.

This course is designed for students who are interested in strengthening and increasing their math skills and knowledge. It is intended for students who will probably not pursue mathematics in college, or for students who wish to take more mathematics. Topics studied include: sequences and series, probability and statistics, linear relations, graphs and families of graphs, polynomials, trigonometry, conic sections, and exponentials and logarithms and linear equations and inequalities.

ADVANCED QUANTITATIVE REASONING (AQR)

1 credit

Prerequisite: Algebra II

Advanced Quantitative Reasoning (AQR) is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. It emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication.

MATH IV

1 credit (grade 12)

Prerequisite: Algebra II

The study of the structure of number systems and the thought processes developed in this course will carry over to the problem-solving techniques needed in your future everyday lives. Review of Algebra I takes place along with a more in-depth study of simplifying, factoring, solving, and evaluating where “**x**” is involved. Irrational and complex numbers, trigonometry, logs and exponentials, sequences and series, and the binomial exponential theory are also covered. You will need this course for college and it would give you a head start for technical schools. This course covers the last half of Algebra II. This course is designed for students transitioning to the work force or pursuing military options.

PRE-CALCULUS

1 credit (grades 11-12)

The purchase of a TI-83 or TI-84 graphing calculator is required.

Prerequisite: B or higher in Honors Algebra II or A- or higher in Algebra II or Algebra III or math department recommendation is needed to register for Pre-Calculus.

This course is intended to bridge the gap between Algebra II, Algebra III, and AP Calculus. Students desiring to take engineering courses or major in college math or science should consider this course. Pre-Calculus includes a comprehensive treatment of many different functions, trigonometry, parametric and polar equations, analytic geometry, and graphing technology.

AP CALCULUS

1 credit (grade 12)

The purchase of a graphing calculator is required.

Recommendation: Students should complete four years of secondary mathematics designed for college-bound students.

Calculus is the mathematics of motion and change. Where there is motion and growth, where variable forces are at work producing acceleration, calculus is the right mathematics to apply. AP Calculus is designed to provide the highly motivated math student an opportunity to study calculus. The course will consist of an in-depth study of some rigorous topics as velocity and rate of change, limits, derivatives, integration, transcendental functions, areas between curves, and volumes of solids of revolution. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

MUSIC

[\(Back To Course Offerings\)](#)

BAND

1 credit (grades 9-12)

High school band provides many varied musical experiences for the instrumental student. Each performing group will continue to develop the individual musician and the fundamentals of good performance, while performing music which is challenging, educational, and enjoyable.

All band students 9-12 will participate in the Tornado Marching Band unless they are involved with a Fall sport with permission from the band director and coach. Attendance at all performances is required.

At the conclusion of marching season, all students will audition for placement in Concert Band or Wind Ensemble. Placement will depend on instrumentation, balance of each band, and the performance level of each student.

Sentinel band students who have afternoon Sentinel classes that conflict with band **may** elect to take “Marching Band Only” due to the afternoon Sentinel class conflict. Others can still participate in band for the full year, on an abbreviated schedule. Otherwise, band is a full year commitment for all band students.

The Concert Band/Wind Ensemble will perform at school concerts, band contests, festivals, and other community

events. Attendance at all band events is required. Other performance opportunities for band members include Jazz Band, Basketball Pep Band, and small ensembles. Membership in these groups will be by audition, select instrumentation, or on a volunteer basis—each will be decided by the director.

FLAG SQUAD

1/4 credit (grades 9-12)

First semester course. By audition only.

GOLD CHORUS

1 credit (grades 9-10)

This is an introductory course to choral music, stressing fundamentals of choral singing, music reading, interval recognition, correct vocal techniques, focusing on two and three-part singing and stage presence. This is a co-curricular class and concert attendance is required.

CONCERT CHOIR

1 credit (grades 11-12)

Concert Choir is a mixed SATB ensemble and is open to all students who exhibit energy, enthusiasm, a desire for vocal excellence, and an academic curiosity for excellent choral literature. Choir members must possess the ability to express this vocal desire in the performance of music. This is a co-curricular class and concert attendance is required.

MUSIC THEORY I

1/2 credit (grades 9-12) semester course

Prerequisite: Must be in band or choir or teacher recommendation

Music Theory is intended for the future music major and students currently enrolled in band or choir. The beginning level of music theory covers concepts such as pitch, rhythm, melody, harmony, scales, and beginning composition.

MUSIC THEORY II

1/2 credit (grades 9-12) semester course

Prerequisite: Music Theory I or teacher recommendation

The secondary level of music theory expands the concepts covered in Music Theory I through advanced composition and analysis of other composers' works.

PHYSICAL EDUCATION

[\(Back To Course Offerings\)](#)

HEALTH

1/2 credit (9-12)

There is nothing more basic to our lives than the development and maintenance of good health. This process is best promoted when young people are given the opportunity to acquire accurate health information and to development healthful attitudes and behavior patterns. The health course presents material students need in order to understand how to become and to stay healthy.

PHYSICAL EDUCATION

1/2 credit (grade 9) year course (1/4 credit given per semester)

Physical education is a co-educational course which has two objectives. One aim of the course is to present a program of activities based upon physical growth, leisure time, recreational skills, lifetime fitness, desirable patterns of social behavior, safety abilities, and proper attitudes. We try to select, organize, and guide activities suited to the needs, capacities, and interest of everyone taking part.

The other major emphasis will be placed on individual physical fitness through exercise and weight lifting. Students will be expected to strive to improve their strength, physical stature, and cardiovascular development through regularly scheduled sessions both in the weight room and on Columbian's track facility. We promote proper wellness for all students. Proper dress, attendance and participation are required.

A student who, during high school, has participated in interscholastic athletics, marching band, flag squad or cheerleading for at least two full seasons is not required to complete any physical education courses as a condition to graduate. However, the student is required to complete one-half unit, consisting of at least 60 hours of instruction, in another course of study. The exemption will begin with the graduating class of 2013 and each successive class thereafter.

SPEED STRENGTH & READINESS

1/2 Credit (Grade 9-12)

Prerequisite: Physical Education and/or participation in at least one interscholastic/extra-curricular sport or teacher recommendation

This course is designed for all students interested in developing and improving in the areas of physique, muscle tone, and physical fitness. The students will learn proper techniques of weight training as well as a variety of exercise regimens that will improve overall physical strength. It will include components and concepts of physical fitness, nutrition, body composition, and flexibility. A total general body workout will be emphasized, as well as a variety of aerobic activities.

This course does not satisfy the physical education requirement for graduation.

SPORT SPECIFIC PE

1/2 Credit (Grade 9-12)

Prerequisite: Physical Education &/or PE waiver

Sport Specific PE is a semester course designed to allow student/athletes to further their development in the sport or sports of their choice. This class allows students to utilize the facilities of Columbian's gym, the track and the Fort for skills, technique, and drill specialization within their sport/s prior to or during the season. Athletic development throughout high school leads to routine exercise and fitness throughout life.

WALKING FOR FITNESS

1/2 Credit (Grade 9-12)

Prerequisite: Physical Education &/Or PE Waiver

Walking for Fitness is a semester course designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle. The course will help students acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. Students will track and document their progress through the use of heart rate monitors and pedometers. Students will be required to dress for the weather, as they will walk the track during class, as well as school grounds.

SCIENCE [\(Back To Course Offerings\)](#)

PHYSICAL SCIENCE 9

1 credit (grade 9)

This course examines the basics of the physical sciences as they relate to the natural world. Topics covered will include motion, forces and energy as well as structure, characteristics and behavior of atoms and molecules.

HONORS PHYSICAL SCIENCE 9

1 credit (grade 9)

Prerequisite: Successful completion of OR concurrently taking Honor's Algebra I or teacher recommendation

This course examines the basics of the physical sciences as they relate to the natural world through scientific inquiry. Topics covered will include motion, forces and energy as well as structure, characteristics and behavior of atoms and molecules.

BIOLOGY 10

1 credit (grade 10-12)

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, the physical environment and the interactions within and between them. 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.

All students will take the Ohio State Test for Biology.

HONORS BIOLOGY 10

1 credit (grade 10-12; grade 9 with recommendation)

Prerequisite: Physical Science 9 or teacher recommendation

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, the physical environment and the interactions within and between them. 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.

All students will take the Ohio State Test for Biology.

ANATOMY AND PHYSIOLOGY

1 credit (grade 10-12)

Prerequisite: A full year of Biological Sciences

This class is an introduction into basic anatomy and physiology of the human body. Dissection is a major component of this class. The course is designed for any student regardless of career path.

AP BIOLOGY

1 credit (grades 11-12)

Recommendation: Prior high school courses in biology and chemistry; or taking concurrently with Chemistry.

There is nothing more amazing than a living organism, whether it be the smallest bacterium or the largest animal, the blue whale. If you would enjoy a fast-paced study of the structure of living things, how they survive, and what effect they have on other living things around them, then this course may be for you.

Advanced Placement Biology is designed to provide the highly motivated student with the opportunity to study introductory college-level biology. The course will consist of an in-depth study of such topics as cells, genetics, heredity, biological chemistry, evolution, taxonomy, organisms, and ecology. Daily lessons will alternate between lecture, discussion, laboratory, and field work. Special emphasis will be placed upon the proper analysis of data collected in experimentation. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

ENVIRONMENTAL SCIENCE

1 credit (grades 11-12)

Environmental Science covers geological events, ecosystems, population dynamics and biodiversity in the first semester. The course includes air and water pollution, climate change, as well as land use in the second semester.

CHEMISTRY

1 credit (grades 11-12; grade 10 with recommendation)

Prerequisite: Physical Science 9, Biology 10 or Honors Biology 10

This course is the general study of the classification and structure of matter and the predictive interactions of matter. The strong lab component of chemistry requires inquiry based learning in order to incorporate scientific reasoning, analysis, communication and real-world applications. An understanding of the formation of leading theories guides students in the area of evaluation, prediction, and application. Chemistry is aimed at students who are planning to pursue a four-year college degree after high school.

HONORS CHEMISTRY

1 credit (grades 11-12; grade 10 with recommendation)

Prerequisite: Currently taking Algebra II, B- or higher in Honor's Biology 10, A- or higher in Biology 10 or teacher recommendation

Honors Chemistry is the in depth study of the classification and structure of matter and the predictive interactions of matter. The strong lab component of chemistry requires inquiry based learning in order to incorporate scientific reasoning, analysis, communication and real-world applications. An understanding of the formation of leading theories guides students in the area of evaluation, prediction, and application. Honors Chemistry is aimed at students who are planning to pursue science and/or math majors at college. The emphasis will be to provide students with a background enabling them to be competitive with their college peers.

PHYSICS

1 credit (grades 11-12; grade 10 with recommendation)

Prerequisite: Geometry, Physical Science or teacher recommendation

Physics is the science of matter concerned with structure, properties, and behavior. The class work will stress understanding the concepts of physics and how they relate to the things and events of the everyday environment. Much of the course will be answering questions to relate the concepts to the everyday world. The basics of motion, energy, waves, electricity and magnetism will be covered as time allows.

SOCIAL STUDIES [\(Back To Course Offerings\)](#)

AMERICAN HISTORY

1 credit (grades 9-12)

American History at Columbian High School starts out with a review of significant historical documents, including the Declaration of Independence, the Constitution, and the Northwest Ordinance. The course then picks up with the Reconstruction Era after the Civil War examining the impact of this period on future race relations. The impact of urbanization and immigration are explored, as well as the reforms of the Progressive Era. The course continues with an examination of the causes and effects of

U.S. involvement in World War I. The 1920s are studied with an emphasis on social and political changes leading to the economic crisis of the Great Depression. After studying the Great Depression, World War II becomes a major focus. The relationship between the outcome of World War II and the Cold War is examined in-depth, with emphasis on the Korean War and the Vietnam War. The course continues to current times, with an examination of both domestic and foreign conflicts shaping our nation today.

Students will take the Ohio State Test for American History.

CURRENT WORLD ISSUES

½ credit (grades 9-12)

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally, students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

WORLD HISTORY

1 credit (grades 10-12)

World History at Columbian High School will examine world events from 1600 to present day, with an emphasis on the western civilization perspective. This course will begin with the Reformation period. The Reformation will establish the environment for the Scientific Revolution and the Age of Enlightenment. Students will explore the cause and effect of the Age of Enlightenment which will lead into the Age of Revolutions, as well as European Imperialism. After the study of Imperialism, the course will examine WWI and WWII. The class will also cover the rise of totalitarian governments, and view the wars in a European perspective. After the completion of WWII, we will examine the Cold War and complete the course with Globalization.

FINANCIAL LITERACY

1/2 credit (grades 9-12)

Note: This course is not a college prep class and does not meet NCAA Clearinghouse requirements

This course takes the student through the process of learning how to manage personal resources and making decisions. The student will gain knowledge of economics, personal finance, and consumer rights and responsibilities now and in the future. The goal is for the student to be able to function as a more independent, productive, and informed citizen. This course fulfills the required financial literacy credit.

AP U.S. HISTORY

1 credit (grade 11-12) or teacher recommendation

Recommendation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge needed to deal critically with the problems and materials in American History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials - their relevance to a given interpretive problem, reliability, and importance - and to weigh the evidence and interpretations presented in historical scholarship. This course will help the student develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

LEADERSHIP/SERVICE LEARNING

1 credit (grade 11-12)

“Good leaders are made, not born,” former USA Secretary of State Colin Powell once said. This course will be creating just those individuals. Through community service, individual service projects, guided curriculum, mentoring and empowerment, this course will prepare you to be an effective leader in your personal, and soon to be, professional lives. The course will challenge students with numerous activities and experiences. This YEAR will be different, but we will have an even bigger opportunity to make a difference. This course will require students to obtain a minimum of 20 hours of community service, which can be used towards the Community Service Diploma Seal requirements.

ECONOMICS

1/2 credit (grades 11-12, grade 10 with teacher recommendation)

Economics is the study of how people and nations make decisions about how to use scarce resources. This course provides an overview of microeconomic, macroeconomic, international economic, and personal economic issues. Students who desire a better understanding of the stock market, business organizations, the banking system, international trade issues, and personal roles in the 21st century economy will benefit from taking this class. This course will help to prepare students for college-level studies in the social sciences and business-related fields. This course fulfills the required financial literacy credit for the class of 2024 & 2025 only.

INTRODUCTION TO PSYCHOLOGY

1/2 credit (grades 10, 11, 12)

Introduction to Psychology is designed to give students an overview of many of the topics within the field of psychology. Learning, developmental issues, the relationship between mind and body, personality theories, and psychological illnesses all fall within the course framework. The course is designed to be of benefit to all students who have an interest in better understanding human behavior. Students who expect to take a psychology course in college will find this course gives them a solid foundation in the discipline.

AP PSYCHOLOGY

1 credit (grade 11-12)

Recommendation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Advanced Placement Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Each of the major subfields within psychology will be addressed in-depth in order to fully prepare students to be successful on the AP Psychology exam. Such topics include the history of psychology, scientific methods, the biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, development, personality, testing and individual differences, abnormal behavior and treatments, and social psychology. Students will be required to complete significant reading and writing assignments and should be prepared for rigorous expectations. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

GOVERNMENT

1 credit (grade 11 or teacher recommendation)

The American system of government is extraordinarily dynamic. Change, growth, adaption, innovation is a basic element in its character. The fundamental principles and the basic structures have remained constant over time, but many of the other characteristics have changed, sometimes remarkably.

This course covers the organization and development of the basic principles operating in the American political system today. Students will learn the privileges and responsibilities that are given to the American citizen.

AP GOVERNMENT

1 credit (grade 11-12 or teacher recommendation)

Recommendation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Advanced Placement Government is designed to offer students an opportunity to examine in depth the development, organization, and function of the American political system. Students participate in a rigorous exploration of the basic fundamentals of government and the political organizations by which the United States is governed. AP Government requires the reading of a comprehensive textbook and intensive study of supplemental materials of varying lengths. Students are required to analyze these readings and to comment on them in both formal and informal discourse. In addition, other special projects and/or papers may be required. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

WORLD LANGUAGE

[\(Back To Course Offerings\)](#)

CHINESE I (MANDARIN)

1 credit (grades 9-12)

Prerequisite: C or better in English and/or teacher recommendation

This beginning level course in the Chinese language stresses the spoken aspect of the language, focusing on vocabulary and basic grammar. The Chinese alphabet as well as written language will be gradually introduced as students acquire basic spoken skills. Students will also explore Chinese culture and customs.

CHINESE II (MANDARIN)

1 credit (grades 9-12)

Prerequisite: C or better in Chinese I or teacher recommendation

Chinese II builds on the lessons of Chinese I to help students continue to learn vocabulary, grammar, and speaking skills. Students will learn to write a bit more so that they can communicate their ideas in writing. Students will also continue to explore Chinese culture, customs and history.

CHINESE III (MANDARIN)

1 credit (grades 10-12)

Prerequisite C or better in Chinese II or teacher recommendation

Chinese III provides more opportunities to put your Chinese skills to use. Students will participate in many speaking and writing activities on topics such as travel, shopping, dining, sports and entertainment and learn more vocabulary and idiomatic expressions related to these topics. Students will also continue to explore Chinese culture and history.

CHINESE IV (MANDARIN)

1 credit (grades 11-12)

Prerequisite: C or better in Chinese III or teacher recommendation

Chinese IV provides ample opportunities to achieve proficiency in reading and writing. Students will read and write on topics such as clothing, health and environment. Students will continue to explore Chinese culture and history.

SPANISH I - ESPANOL I

1 credit

Prerequisite: C or better in English and/or teacher recommendation

Would it surprise you to learn that the United States has a large population of Spanish-speaking people? It's true! Being proficient in Spanish can have a direct positive impact on your college and career goals. Spanish I can be your passport to the future - a chance to get to know some of the peoples, places, and cultures of the more than twenty nations where Spanish is spoken. Through class activities, as well as individual projects, you will successfully express yourself in Spanish. You will be able to discuss your family, friends, leisure activities, school, and daily life. You will also learn to give and ask directions, and talk about what you like to do.

The class is student-focused and involves a lot of practice activities in pairs and small groups. Active participation in class is a must. Come and join the fun!

SPANISH II - ESPANOL II

1 credit

Prerequisite: C or better in Spanish I or teacher recommendation

Welcome back! We'll see many other countries in the Spanish speaking world. At the same time, we will develop all the language skills needed to be successful at the next levels. The emphasis on speaking and listening is still important with some short reading and writing activities will be added. Your abilities to write and understand common written items will also improve dramatically.

SPANISH III - ESPANOL III

1 credit

Prerequisite: C or better in Spanish I or teacher recommendation

Now that you can speak Spanish a little more fluently, you will enjoy using it in class and out. In Spanish III we will apply the language to real-life situations, including connections with other Spanish-speaking populations (both home and abroad). We will be studying Hispanic cultures, deepening your understanding of grammar, and investigating specific topics. We will read, listen, speak, and write at a more in-depth level. Emphasis is on student use of language in realistic scenarios, to further improve your fluency.

SPANISH IV - ESPANOL IV

1 credit

Prerequisite: C or better in Spanish III or teacher recommendation

Why a fourth year of Spanish, you ask? What could possibly be left to learn? Plenty!!

This is your chance to show off what you know, to put it in action, to make it work for you. We attempt to provide for individual interests and abilities. World language abilities will be your most requested secondary skill when entering the professional world. Can you afford to be under-prepared? Many students meet or exceed all college requirements upon finishing this program.

AP SPANISH LANGUAGE AND CULTURE

1 credit

Recommendation: Students should enter this course with three to five years of language instruction at the high school level.

The Advanced Placement Program in the Spanish language is comparable in difficulty and content to a third-year, college-level course with emphasis on composition and conversation. This class is intended for those who have chosen to develop their proficiency in Spanish and may be planning a Spanish-related career or a career in which Spanish could play an important part. As our world is becoming more dependent upon foreign relations and trade, you may want to take this opportunity to expand your knowledge in Spanish, which could provide you with a brighter future.

This course will provide you with opportunities to improve all your language skills: listening through conversation, discussions, and telling stories; writing through letters, compositions, e-mails, and persuasive essays; reading through newspapers, and other authentic materials.

This class will be conducted entirely in Spanish. You will be provided with materials and opportunities to investigate many subject matters that will interest you. **All students are required to take the Advanced Placement exam which may lead to college placement and/or credit.**

VANGUARD-SENTINEL CAREER & TECHNOLOGY CENTERS

PHILOSOPHY

To prepare students with the skills necessary to pursue further education and training in a career field and/or successfully enter the workforce or military.

APPLICATIONS ARE REQUIRED. When a student applies to a Sentinel Career and Technology Center (SCTC) program, the student and his/her parents/guardians are making a commitment to obtain skills needed for entry-level employment by business and industry or a head start at college (into post-secondary education). Students who are accepted into our programs make a commitment to attend that program. Sentinel programs are a one-year, two-year, three-year or four-year commitment, depending on the specific program and student preferences.

SCTC admits students without regard to sex, race, creed, or national origin, but may limit admission to the space and facilities available.

Student enrolled at Sentinel wishing to return to Columbian must notify the Sentinel administration or counselor's office on or before June 15th of that school year. Before June 15th, a withdrawal form must be completed which will require Sentinel, Columbian, and parent/guardian signatures. This can be done by the student with the assistance of a Sentinel administrator/counselor.

After June 15, a conference will be required before a change of schedule occurs. This conference shall include the student, parent/guardian, a Columbian representative and a Sentinel administrator or counselor.

Students will usually spend 2.75 hours per day at Sentinel and receive one to three credits for their career program each year.

The students will attend Columbian for the remainder of each day, where they will receive their necessary academic instruction. Tiffin City Schools will provide transportation to and from Sentinel Career and Technology Center. All students are eligible for any and all extracurricular activities at Columbian. It should be understood that students will graduate and receive a diploma from Columbian. The student will also receive a Career Passport recognizing completion of technical training. For more detailed information, please refer to the SCTC Program Guide.

SCHEDULE

Morning Session 8:25 am - 11:10 pm

Afternoon Session 11:50 am - 2:35 pm

AGRICULTURAL SCIENCE AND TECHNOLOGY Grades 9, 10, 11, 12

Agricultural education is a unique program that incorporates three main areas of study. The three areas are classroom/laboratory, FFA and SAE. An agricultural education program is designed to prepare students for careers in the industries diverse standards. In the classroom/laboratory portion students will learn a variety of skills on the basic level. Science is always a major part of agricultural instruction in the United States. Agricultural by definition is an applied science that combines principles of physical, chemical, and biological sciences in the production of food and fiber. The FFA is an intra-curricular part of the program and is designed to make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. The SAE part is designed to further the knowledge and skills the students that gain through the classroom, laboratory, and FFA and apply them to a specific project outside the school day.

Agricultural Education at Sentinel is a four-year program for any 9th through 12th grade student. Qualified students may enroll in any level of the program.

AGRICULTURAL, FOOD, AND NATURAL RESOURCES (1st Year or Freshman Class)

1 science credit & 1 elective credit

- Soil Science (Earth Science)
- FFA History and Public Speaking
- Shop Safety - Metal and Wood
- Leadership Development
- Animal Science
- Plant Science
- Food Science
- Career Development Events

AGRONOMIC SYSTEMS (2nd Year or Sophomore Class)

1 science credit & 1 elective credit

- Leadership Development
- Equipment Operation
- Soil Science (Advanced)
- Engine Operation
- Alternative Energy and Electricity
- Plant Physiology and Growth (Advanced)
- Environmental Science
- Metal Fabrication
- Shop Safety
- Animal Science (Advanced)
- Career Development Events

STRUCTURAL ENGINEERING, AGRICULTURAL, AND INDUSTRIAL POWER (3rd/4th year alternating with other class)

2 elective credits

- Leadership Development
- Construction and Building Principles
- Brick, Block, and Concrete
- Plumbing
- Metal Fabrication
- Engine Operations and Principals
- Shop Safety
- Tool and Fasten Identification
- Alternative Energy
- Business Operations
- Career Development Events

AGRICULTURAL BUSINESS COMMUNICATION, AND LEADERSHIP (3rd/4th YEAR ALTERNATING WITH PREVIOUS CLASS)

1-3 elective credits

- Leadership Development
- Marketing
- Finance
- Business Leadership
- Public Relations
- Customer Service
- Employability and Job Skills
- Communication Skills
- Career Research
- Career Development Events

AUTOMOTIVE TECHNOLOGY

3 credits

Automotive Technology is designed to provide students with the skills necessary to become an entry-level automotive technician. Instruction is provided on how to keep all makes and models of passenger vehicles in good operating condition. Students work on vehicles brought into the lab and are involved in diagnosis and repair. Throughout the lab experience, practically all parts and systems encountered by auto technicians will be included. Students are also taught safe work habits, job responsibility, and pride in their work and customer relations. Automotive Technology program completers obtain six (6) months of work experience credit towards ASE Certification

AIM CONSTRUCTION

3 credits Offered at Sentinel Career and Technology Center

Carpenters make up the largest building trades occupation in the industry and those with all around skills are in high demand. Carpenters are involved in many different kinds of construction activities from building highways and bridges to installing kitchen cabinets. Carpenters construct, erect, install, and repair structures and fixtures made from wood and other materials. Completing this curriculum gives the student the basic skills needed to continue education in any craft area the student chooses.

AIM HEALTH

3 credits

Offered at the Vanguard Technology Center (Fremont)

Learn about the field of Direct Support through in-class training and on-site internships. Assist patients with daily activities and encourage attitudes and behaviors that promote community inclusion. Gain introductory knowledge of ethics, health & safety, interpersonal communication, crisis intervention, and assessments. Sentinel & Vanguard. Students from both schools train on the Vanguard Campus. Seniors Only.

AIM MANUFACTURING

3 credits

Offered at the Vanguard Technology Center (Fremont)

Gain introductory knowledge of manufacturing skills that provide a pathway to manufacturing related careers. Obtain knowledge on safety, reading and using drawings, proper use of hand and power tools, and manufacturing practices and processes. Sentinel & Vanguard. Students from both schools train on the Vanguard Campus.

AIM BUSINESS

3 credits

Offered at the Vanguard Technology Center (Fremont)

Explore Business, Marketing, and Finance concepts that give an overview of the retail industry and its many important components including sales and service, products and merchandising, as well as gaining customer commitment. Sentinel & Vanguard. Students from both schools train on the Vanguard Campus.

BUILDING CONSTRUCTION TRADES

3 credits

This course is designed to provide experience for the development of knowledge and skills related to the building industry. The course provides the entry-level skills necessary in building a wood-framed structure.

The various aspects of construction taught are: electrical, masonry, plumbing, carpentry, dry walling, finishing, roofing and insulating. Other important aspects of the program involve cost estimating, ordering materials, and blueprint reading. The proper and safe use of both hand and power tools are equally important parts of the training.

BUSINESS MANAGEMENT

3 credits

Offered at the Vanguard Technology Center (Fremont)

Gain introductory knowledge of business management and marketing concepts. You will also learn to use financial tools, strategies, and systems to develop and monitor personal financial goals.

CAREER EXPLORATION

2 credits (grade 9-10) one semester

The Career Exploration Program is a two period, semester long program, for first or second year students allowing them to intently explore the varying aspects, procedures, and expectations of the programs offered at Sentinel. Each student will have the opportunity to actively explore and infiltrate all lab options. Students will create a career plan that will help enable them to successfully transition into the proper path throughout the rest of their high school education. Students will also be offered a Financial Literacy class based on current state standards of career exploration during their time on campus.

CAREERS IN EDUCATION

3 credits

The Careers in Education program is designed to introduce students to careers in the field of education. This program allows students an opportunity to explore the teaching profession in a classroom and through extended classroom internships with cooperating teachers. Students will participate in classrooms at all grade levels, from pre-school to high school. As students gain experience in the classroom settings, they will compile a portfolio reflecting their overall internship and classroom participation. CIE students may also be enrolled in College Credit Plus courses taught at the Sentinel campus.

COLLISION REPAIR TECHNOLOGY

3 credits

Collision Repair Technology is designed to provide students with the opportunity to develop the necessary skills to become a collision repair technician or to work in a related area. Instruction is provided on vehicles brought into the lab and students are fully involved with the determination of damage and repairs to be done. During the two years of training, practically all phases of the industry are experienced. Students are also taught safe work habits, job responsibility, pride in their work, and the ability to deal with the public.

COMPUTER INFORMATION & SUPPORT SERVICES

3 credits

Offered at the Vanguard Technology Center (Fremont)

Learn computer hardware & software troubleshooting and support. Configure operating systems and learn microcomputer technologies. Learn network support fundamentals/SOHO and wireless networks, as well as telecommunications cabling, virus prevention and removal skills, and database management.

CONNECTIONS

3 credits

Offered at the Vanguard Technology Center (Fremont)

Learn in an engaging environment for future job opportunities in the workforce including: construction, electrical, plumbing, culinary, and agricultural. Obtain knowledge of appropriate safety and operational procedures for a variety of tools in a variety of career modules.

COSMETOLOGY

3 credits (grade 10)

The Cosmetology Program is a three-year competency based program designed to prepare students to successfully pass the State Board of Cosmetology examination and enter into employment as a licensed cosmetologist.

The purpose of the first year is to teach all basic manipulative skills necessary to customer service activities and the overview of all related technology pertaining to their performance. In the second and third year, these skills are refined and an in-depth study of related technology concerning chemistry, electricity, anatomy, physiology, and salon management are undertaken as well as the review of all practical subject applications.

During the senior year, the students will also participate in additional coursework and document 300 hours of training for a manager license. A student who completes the three-year course and passes the state board exam will be a licensed managing cosmetologist. A professional, licensed managing cosmetologist will be able to own a salon and have many other career options.

CRIMINAL JUSTICE/LAW ENFORCEMENT

2 credits

Offered at the Vanguard Technology Center (Fremont)

The Criminal Justice program is designed for students interested in preparing for a career in Local, State or Federal law enforcement, corrections, crime scene investigation, forensics, legal professions, and the courts. Students interested in working as a police officer, a court officer, in probation, parole, or forensics will benefit from this program.

Program emphasis will be on developing communications, science and computer skills. Students will be exposed to all potential criminal justice careers. Enrolled students are expected to continue with a minimum of 2 years post-secondary studies in criminal justice. Criminal Justice students are enrolled as students at Terra State Community College and will attend classes at Terra starting their junior year. College classes are directly related to the Criminal Justice program.

CULINARY ARTS & HOSPITALITY MANAGEMENT

3 credits

The Culinary Arts & Hospitality Management program is designed to introduce students to careers in the field of hospitality. As part of the National Restaurant Association's Pro Start program, this program covers all facets of the industry from working and managing a kitchen to being in charge of events and food service operations. You will gain valuable experiences at local restaurants and banquet facilities. Successful completion of the Pro Start program enables students to earn up to 15 college credits.

DIGITAL MEDIA TECHNOLOGIES

3 credits

Offered at the Vanguard Technology Center (Fremont)

Create 3D video animation, learn video production and editing using state-of-the-art video equipment and software, and experience DSL Photography and TV studio production. Design video games, interactive applications, web pages and learn computer programming, emerging cloud technologies, and cyber security.

DIGITAL TECHNOLOGIES

3 credits (grades 11-12)

This program is designed to train students to be an onsite computer expert who specializes in one or more areas. Students will receive hands on training in systems design, set-up and management, software and hardware, and application design and programming.

Beginning the second semester of Level 2, students choose a specialization area to concentrate in: Networking, Programming or Multimedia.

Digital Technology students may also be enrolled in College Credit Plus courses taught at the Sentinel campus for additional technical classes.

EARLY CHILDHOOD EDUCATION

Offered at the Vanguard Technology Center (Fremont)

Understand growth and development of children ages birth-eight. Learn the method of planning, writing, and implementing lesson plans. Assist in running a state licensed preschool and interact daily with preschool children while developing a mastery of early childhood education theories.

ELECTRICAL TRADES

3 credits

Electrical Trades is devoted to electronic theory and trade information. Electronics include layout, assembly and testing electronic apparatus. The first year is for beginning students with little experience in electricity or robotics. It is intended to prepare students for entrance into one of the many opportunities in the field of electronics. The second year is an advanced continuation of the skills learned in the first year, plus programmable controllers and robotics. Students will be involved in a broad number of experiences as they relate to the electrical trades. Assembly, installation, maintenance, repairs, programming and inspection of electrical equipment will be taught. A vital unit to be taught will be dealing with the national, state and local codes, and OSHA by-laws and safety.

ENGINEERING TECHNOLOGIES AND ROBOTICS

3 credits (Grades 11-12 or completion of Career Exploration)

This program applies Science, Technology, Engineering and Math (STEM) to explore mechanical, electrical and engineering technologies. Students will create, design, and implement solutions to complex engineering challenges. Engineering Technologies & Robotics students will experience multiple advanced engineering and robotics technologies. A student who completes this program will be prepared for college engineering technology programs, opportunity to obtain advance certifications, and possibilities for immediate employment.

HEALTH CAREERS ACADEMY

3 credits

The Health Careers Academy is designed to incorporate a diversified area of study in the medical field. The program offers a core curriculum in which skills for medical occupations will be taught, including dental assisting, medical assisting, medical math, medical terminology and abbreviations, basic pre-nursing, pharmacy assisting, and physical therapy assisting. Students also gain certification in STNA (State Tested Nurse Aid), CPR and First Aid. Students will also learn Anatomy & Physiology for Health Careers during both years of the program. During level 2, students may participate in internships for more intense training in a specialty area. Beginning level 1, Health Careers Academy students may be enrolled in College Credit Plus classes, which are taught at Sentinel.

INDEPENDENT LIVING

3 credits

The Independent Living program provides a modified curriculum that offers students the opportunity to develop skills to become employable and to learn various life skills. Independent Living will provide an innovative, career technical approach to learn transition skills in the areas of daily living, career exploration and development (horticulture and agriculture) and job readiness. Students will learn to adapt to new environments, recognize and solve problems, develop decision making skills, set and achieve goals, and maintain their personal health.

MANUFACTURING

3 credits

This program student will learn a variety of skills for a career in the manufacturing field. Students will explore mechanical, electrical and engineering technologies as well as a working knowledge of basic tool room machines such as the drill press, metal lathes, shapers, band saws, milling machines and grinders. Students will create, design, and implement solutions to complex engineering challenges. Students will be involved with marking, finishing and assembling the metal parts as developed from blueprints. They will also receive instruction on Computerized Numerical Controlled (CNC) and Computer-Aided Manufacturing (CAM) equipment.

NAIL & ESTHETICS

3 credits (grades 11 or 12, one year program)

The Nail and Esthetics program is a one-year program competency based program designed to prepare students to successfully pass the State Board of Cosmetology Manicuring Examination and Estheticians Examination. Students whom enroll into the Nail and Esthetics program will learn Nail Technology first and after the 200-hour course is complete they will then learn the 600-hour Esthetician Program. For both programs students are taught all the basic manipulative skills necessary to customer service activities and the overview of all related technology pertaining to their performance and an in-depth study of related technology concerning chemistry, electricity, anatomy, physiology, and salon management are undertaken as well as the review of all practical subject applications.

PRECISION MACHINING

3 credits (grades 11-12 or completion of Career Exploration)

Precision Machining is a program offering a working knowledge of basic tool room machines such as the drill press, metal lathes, shapers, band saws, milling machines and grinders. Students will learn how to operate most types of machine tools and learn to know the working properties of metals in order to produce quality results. Students will be involved with marking, finishing and assembling the metal parts as developed from blueprints. They will also receive instruction on Computerized Numerical Controlled (CNC) and Computer-Aided Manufacturing (CAM) equipment. Precision Machining-students be taught how to safely use these machines and to properly maintain and adjust them-

PUBLIC SAFETY

3 credits

This program is designed to provide students with knowledge and skills applicable to Public Safety careers including but not limited to Firefighting, Emergency Medical Technician-Basic, and Law Enforcement.

The Level 1 year will include a diversified overview and exploration of the topics and skills used in the Public Safety Field.

The Level 2 year will focus on Law Enforcement and include a 40-hour First Responder training and private security training. Both years, students will participate in physical fitness, agility and aerobic training. Public Safety students may be enrolled in College Credit Plus classes, which are taught at Sentinel.

STNA (State Tested Nurse Aid) HEALTH CAREERS ACADEMY

3 credits (grade 12)

This one year program offers a core curriculum designed to prepare students for health related careers or a college pathway. Students will earn certification in; First Aid, CPR, and STNA. Qualified students may enroll in College Credit Plus classes which are taught at the Sentinel campus.

WELDING and FABRICATION TECHNOLOGY

3 credits

Welding and Fabrication Technology is designed to prepare students and acquaint them with the breadth and scope of occupations in welding fabrication.

Techniques of joining pieces of metal by applying heat to produce a permanent bond are coupled with classroom theory to produce a knowledgeable and skillful welder. Methods used in fabrication and other products made from heavy metal sheets are also included in this program. Students will receive instruction in Computer-Aided Design (CAD), layout techniques, fundamental pneumatics, hydraulics and robotics.

STUDENT ACTIVITIES & CLUBS

Total Involvement In School

Total education should involve total involvement in activities as well. To get the most out of their education, students should not limit themselves to only the academic subjects. Being involved in co-curricular and extracurricular activities gives students a chance to expand horizons and to meet, work, and perform with others who have the same interests.

Band	Flag Squad	Ping Pong Club	Boys' Swim & Dive
Baseball	Football	Quiz Bowl	Girls' Swim & Dive
Boys' Basketball	Boy's & Girl's Golf	ROX	TC PRIDE
Girls' Basketball	Green Sunday	SADD	Boy's Tennis
Boy's & Girl's Bowling	Jazz Band	Boys' Soccer	Girl's Tennis
Cheerleading	Key Club	Girls' Soccer	Boy's Track
Boys' Cross Country	Musical	STAND	Girl's Track
Girls' Cross Country	National Honor Society	Student Council	Volleyball
Esports	School Newspaper	Girls' Softball	Wrestling

Be a part of the total educational picture by participating in co-curricular and extracurricular activities.

NATIONAL TEST DATES - To Be Determined

PSAT (Juniors) Testing fee TBD

October 11, 2023

ACT

To register go to www.actstudent.org

SAT

To register go to sat.collegeboard.org

HIGH SCHOOL CODE 364-975

STUDENT'S WORKSHEET

A student planning worksheet is included in the Appendix and can be used to assist in the selection of courses.

Procedures for the selection of courses: (Worksheet on the next page.)

1. Check the course descriptions so that you are aware of course content for those courses you want or need.
2. If you have additional questions concerning course content, please contact a teacher in the appropriate subject area.
3. Check to see if there are any prerequisites that need to be met. If there are and you don't meet them, you will not be permitted to enroll in the course.
4. You must be enrolled in a minimum of FIVE classes per semester, and six are recommended. Graduation requires 21 credits.

Parents are reminded that changes in student course requests are not allowed after May 1, 2023. Be sure to take every effort to discuss with your student the selection of courses so that last-minute changes are not necessary. If parents have any questions about course selection or course content, call the Counseling Department, 419-447-6331, before May 1, 2023.

***CCP courses scheduled after this date are exempted from this deadline.**

Course Request Sheet 2023-2024 School Year
The Course Request sheet cannot be changed after May 1, 2023.

Student Name: _____ **Class of** _____
 (Please print) *Last* *First*

Please use the chart below to assist in the planning of your tentative schedule. Note that the chart below is a planning aid only – you **will not** receive your final schedule in the same order as you list below. Refer to the “Curriculum Guide 2023-24” and the “Master Course List” for registration guidelines and scheduling assistance. Class changes can only be made under the guidelines found on page 4 of the curriculum guide. Any time a .25 credit class is taken, be sure to schedule at least 5 additional classes for eligibility. **ALL SCHEDULE CHANGES MUST BE COMPLETED BY MAY 1ST.**

PLEASE MAKE SURE COURSE NUMBER IS WRITTEN ACCURATELY.

FIRST SEMESTER			SECOND SEMESTER	
	Course #	Course Title	Course #	Course Title
1				
2				
3				
4				
5				
6				
7				
8				

Total credits to be earned for school year 2023-2024 _____

Course Offerings may be cancelled without notice because of staff limitations or low enrollment. Students are encouraged to take at least six (6) classes per semester. Specific courses may be in conflict with other courses thereby limiting your first choice selections. Please list four (4) alternative, elective choices below in rank order (1 being most important, 4 being least important) **should you not receive your first choice of classes listed above in the planning chart.** List your alternative class choices below.

1. _____ 2. _____
 3. _____ 4. _____

I have reviewed and approve of the course selections indicated by my student. I am aware of the District Policy regarding schedule changes.

Student Signature _____ **Date** _____

Parent/Guardian Signature _____ **Date** _____

Please initial and check (✓) the following boxes to ensure credit requirements are being met.

- _____ Alternate courses will be assigned by counselors if none are listed above.
 _____ I acknowledge that the minimum requirements are five (5) half-credits per semester.
 _____ TCHS students may not have more than two (2) study halls per semester. Please see your counselor if you have more than two on your schedule.



FOUR YEAR PLAN FOR TIFFIN COLUMBIAN HIGH SCHOOL

Write each course you have taken or plan to take in the appropriate cell below.

Name _____	8th Grade	9th Grade		10th Grade		11th Grade		12th Grade	
		Sem. I	Sem. II	Sem. I	Sem. II	Sem. I	Sem. II	Sem. I	Sem. II
Required Courses	Credit Hrs. Needed	HS Credits Earned							
English	4	Eng.	Eng.	Eng.	Eng.	Eng.	Eng.	Eng.	Eng.
Math	4	Math	Math	Math	Math	Math	Math	Math	Math
Science	3	Science	Science	Science	Science	Science	Science	Science	
Soc. Studies	3	US Hist.	US Hist.	World History	World History	Government	Government		
P.E./Health	1								
Fine Arts	1								
Elective Credits (must include 1/2 credit of Financial Literacy)	5								
Total Credits	21								

Refer to page 5 for graduation requirements and state assessments required for graduation.