

ACADEMIC COURSE GUIDE 2024-25

## Introduction

The Course Catalog contains general scheduling information, a general description of courses available, graduation requirements, suggestions for course selections, and course descriptions.

Cleveland High School is mandated by the Tennessee Department of Education to promote and provide each student with a rigorous college and career preparatory program of study. Our general expectation is that every student acquires the knowledge and skills necessary for college and career readiness. As a part of achieving this goal, each department offers a wide variety of courses on many relevant topics.

## Awarding of Credits

Students will receive one full credit in the course he/she receives a passing year average. There are several classes that award .5 credit for receiving a passing average in a semester period.

## Raider Scholar

Raider Scholar Honors Designation is determined at the end of the junior year. It will be reviewed for any late adjustments in May of their Senior Year. Seniors classified as a "Raider Scholar" will be ranked first before other Seniors and will walk first in the Graduation Procession. In order to fulfill the honors course requirement, students should have completed or be enrolled in 3 courses for Freshmen, 6 courses for Sophomores, 9 courses for Juniors, and 12 courses for Seniors.

Students must complete the following requirements:
*3.5 or higher grade point average
*Take 4 EPSO Courses (Two Must Be Advanced Placement)
*Two of the three honors classes must be core classes each year
*Will graduate with the Latin Honors Criteria:
Summa Cum Laude (3.91-4.0)
Magna Cum Laude (3.76-3.9)
Cum Laude (3.5-3.75)

## Class Rank

Class rankings are first calculated at the beginning of the Senior year and revised at the end of the second semester. Seniors meeting the requirements to be a "Raider Scholar" are ranked first in order of GPA, with all other students ranked after in order of GPA.

To add/drop a class, students must email chscounseling@clevelandschools.org. Required courses cannot be dropped. If a student is added to a class after it starts, it is his/her responsibility to make up all previous work. Once the course selection process is complete, student- and/or parent initiated requests to drop an EPSO course will only be considered if the student is found to be academically misplaced. Schedules will not be changed after the $3^{\text {rd }}$ day of the school year without the approval of the Counseling Coordinator.

## Grade Point Average (GPA)

A student's GPA is determined by a four-point scale: $A n A=4$ quality points, $B=3, C=2, D=1$, and $\mathrm{F}=0$. A GPA is calculated by dividing the student's total number of quality points earned by the number of credits attempted. Grades are weighted to allow for honors or EPSO classes. Also, if a class is repeated because of failure, two courses will show up on the transcript, but only the later/passing class will be calculated in the GPA. If a student fails a class, the student must retake the exact same course to replace it in the GPA calculation. Students may not retake courses for a higher passing grade from CHS. High School courses taken at CMS can be retaken for a higher grade one-time.

## Grading System

See Board Policy 4.700

## Grading Scale

A (100-90), B(89-80), C(79-70), D(69-60), F(59-0)

## Advanced Coursework Grading

This grading system shall be uniform throughout the school system for each grade. Advanced coursework grades will be weighted with additional percentage points to calculate the final average. Depending on the course taken, the following percentage points will be assigned:

- Honors Courses - three (3) percentage points
- Local and Statewide Dual Credit, Capstone Industry Certification Aligned, and on-campus Dual Enrollment Courses - four (4) percentage points
- Advanced Placement - five (5) percentage points
* Off campus Dual Enrollment grading curve is at the discretion of the Professor as they are not employed by Cleveland City Schools or bound by Board Policy.

Information can be accessed on the Tennessee Department of Education's Website. Bookmark this page and refer to it regularly since it contains links to the various state assessments, strategies, graduation requirements, testing dates, and other helpful information.

## NCAA Eligibility Requirements

For prospective college student-athletes, the NCAA Eligibility Center is the part of the NCAA that will ensure you meet the minimum academic requirements and are considered an amateur athlete. It does this by reviewing your high school transcripts (official copies only), SAT/ACT test scores and reviewing the answers to your amateurism questionnaire. In rare situations, the NCAA will require additional information surrounding your high school classes or athletic competition, but most athletes pass through the NCAA Eligibility Center without incident. Visit https://web3.ncaa.org/ecwr3/ for more information.

- ENGLISH - 4 credits
- MATHEMATICS - 4 credits
- must include Algebra I, Geometry, Algebra II, and a $4^{\text {th }}$ higher-level course
- Algebra I taken at CMS counts as an elective credit but not toward the 4 required math credits
- SCIENCE - 4 credits
- must include Biology, Chemistry or Physics, a Lab Science and $4^{\text {th }}$ Science Course
- SOCIAL STUDIES - 3 credits
- Must include World History and Geography or AP Human Geography or AP European History, United States History, and Economics/United States Government
- WORLD LANGUAGES - 2 credits in same language
- TECHNOLOGY - 1 credit
- must be chosen from an introduction class in a CTE area
- FINE ARTS - 1 credit
- PHYSICAL ED/WELLNESS - 1 credit in Wellness \& $1 / 2$ credit in Physical Ed
- student may receive $1 / 2$ Physical Ed credit by documenting a total of at least 67.5 hours of physical activity in a school-sponsored group
- PERSONAL FINANCE $-1 / 2$ credit
- ELECTIVE FOCUS - 3 credits
- must be from the list of approved Focus Areas
- OTHER ELECTIVES - 4 credits


## Students must accumulate at least 28 credits to fulfill graduation requirements

## Classification of Students

Seniors must have 20 credits at the beginning of the school year.
Juniors must have 12 credits at the beginning of the school year.
Sophomores must have 6 credits at the beginning of the school year.

## Focus Area Choices

## Each student must select a focus area and take three classes within that focus area.

## Aviation

Aviation 1, Aviation 2, Aviation 3, Tango Flight

## Advanced Placement (AP)

Choose 3 AP Courses (AP tests must be taken in each)

## Automotive

Automotive 1, Automotive 2, and choose one of the following: Automotive 3, Automotive 3 DE, or Automotive 4, Automotive 4 DE, (3 and 4 does not have to be taken in order), Automotive WBL, Tango Flight

## Business

Introduction to Business and Marketing, Business Communication DC, Business Management DC, Business Management DE, Raider Evolve WBL, Raider Evolve WBL DE

## Cosmetology

Cosmetology 3 DC, Cosmetology 3 DE, Cosmetology 4 DC, Cosmetology 4 DE, Cosmetology WBL

## Criminal Justice

Criminal Justice 1, Criminal Justice 2, and Criminal Justice 3 DC

## Culinary Arts

Culinary 1, Culinary 2, Culinary 3 DC, Culinary 4 DC, Culinary WBL

## Digital Media Production

Digital Media Production 1, Digital Media Production 2, Digital Media Production 3 DC, Digital Media Production 4 WBL

## Engineering (PLTW)

Introduction to Engineering Design DC, Principles of Engineering DE, and any one (1) of the following Civil Engineering \& Architecture DC/DE, Biomedical Engineering, or Engineering Design \& Development, Automation \& Robotics, Engineering WBL, Tango Flight

## Health Science

Health Science Education and any two of the following: Anatomy \& Physiology 1 Honors, Anatomy \& Physiology 2 DE, Anatomy \& Physiology 2 H, Pharmacy, Biomedical Engineering H, Diagnostic Medicine, Emergency Medical Services, Emergency Medical Services DE, Medical Therapeutics, Sports Medicine, WBL Sports Medicine Care, \&/or Clinical Internship, Clinical Internship WBL

## Cybersecurity

Computer Science Foundations DC, Computer Science Foundations, Cybersecurity 1, Cybersecurity 2, Cybersecurity 2 DE, AP Computer Science

## Digital Arts \& Design

Digital Arts \& Design 1, Digital Arts \& Design 2, Digital Arts \& Design 3, Raider Evolve WBL, Raider Evolve WBL DE

## Humanities

Art 1, Art 2, Art 3, Art 4, Art 5, Art 6, Band, Choir, Color Guard, Comparative Religions, Contemporary Issues, Creative Writing, Visual Literacy, European History AP, Holocaust, Literature, Human Geography AP, Leadworthy, Music Appreciation, Psychology, Psychology AP, Speech \& Communication, Theater Arts 1, Theater Arts 2, Theater Arts 3, Journalism , Higher level World Language, AP Seminar, African American History, Music Appreciation, Music Theory, Rock and Roll History, Rock and Roll History 2,Senior Capstone, African-American History

## Leadworthy

Leadworthy 1, Leadworthy 2, Leadworthy 3, Leadworthy 4
JROTC
JROTC 1, JROTC 2, JROTC 3, JROTC 4, JROTC 5, JROTC 6

## Mathematics/Science - Biological Sciences

Anatomy \& Physiology H, Anatomy \& Physiology 2 DE, Aquatic Biology H (Scientific Research), Biology 2, Biology AP, Calculus AP, Chemistry AP, Environmental Science, Environmental Science AP, Pre-Calculus DC, Statistics AP, Statistics DE

## Mathematics/Science - Physical Sciences

Calculus AP, Physics I AP, Pre-Calculus DC, Aquatic Biology H Scientific Research, Statistics AP, Statistics DE

## Robotics

Robotics 1 (Principles of Manufacturing), Robotics 2 (Robotics \& Automated Systems), Robotics 2 (Robotics \& Automated Systems)DE, Robotics 3 (Mechatronics 1), Robotics 3 (Mechatronics 1) DE, Robotics 4 (Mechatronics 2), Robotics 4 (Mechatronics 2) DE, Youth Apprenticeship, Raider Evolve, Tango Flight

## Teaching as a Profession

Introduction to Teaching, Teaching as a Profession 1, Teaching as a Profession 1 DC, Teaching as a Profession 2, Teaching as a Profession Capstone

## Web Design

Web Design 1, Web Design 2, Web Design 3, Web Design Capstone

## Welding

Welding 1, Welding 2, Welding 3, Welding 4, Raider Evolve or Youth Apprenticeship

## EARLY POST-SECONDARY OPPORTUNITIES (EPSO)

## Advanced Placement:

Cleveland High School offers many courses that prepare students for the College Board's Advanced Placement (AP) Exams. AP courses are introductory or second year college courses. They require much more time and work, but they offer greater opportunity to master a subject and to explore it in greater depth. Any student enrolled in an AP course is required to register for and take the corresponding AP exam (approximately \$95). Students with a 3 or higher on the AP exam will be reimbursed for the exam fee. Scores on AP exams can be honored by universities toward awarding credits. Check with the individual institution you are interested in. Once the course selection process is complete, student- and/or parent initiated requests to drop an AP course will only be considered if the student is found to be academically misplaced.

## Dual Enrollment:

Cleveland High School, in conjunction with Cleveland State, Lee University MTSU, TCAT Athens, and TCAT Chattanooga, offers both On- and Off-Campus Dual Enrollment. Dual Enrollment allows students to earn high-school and college level credits simultaneously. Grades earned through Dual Enrollment will earn 1 honors-level credit at CHS and will be calculated into the student's GPA if the course is at least three credit hours. Students are responsible for the cost of tuition/books and are encouraged to take advantage of the state dual enrollment grant. Dual enrollment class selection and participation should be taken seriously as students are not permitted to drop an off-campus dual enrollment once enrolled. Off-Campus Dual Enrollment courses do not receive the grade-bump due to a varied grade-scale.

The following are requirements to register for a Dual Enrollment course:
(1) Student must be a Junior or Senior and must have a parent's permission
(2) Cumulative GPA of 3.0 or higher
(3) ACT scores of at least 19 composite and 19 sub-test in the subject area of the course (if applicable)

## State Dual Credit:

Cleveland High School students have the opportunity to earn college credit that can be applied to any Tennessee public postsecondary institution. Dual credit allows students to earn high school and college level credits simultaneously. Grades earned through Dual Credit will earn 1 honors-level credit at CHS. All students take a standards-based challenge exam to fulfill post-secondary credit. CHS course fees vary, but there is not a class tuition fee assessed.

## Local Dual Credit:

Cleveland High School students have the opportunity to earn college credit that can be applied to the local cooperating institution, currently Cleveland State Community College, Brillare Beauty Institute, and Chattanooga State Community College. Dual Credit allows students to earn high school and college level credits simultaneously. Grades earned through Dual Credit will earn 1 honors-level credit at CHS. All students take a standards-based challenge exam to fulfill post-secondary credit. CHS course fees vary, but there is not a class tuition fee assessed.

## Industry Certification:

Industry Certifications (IC) are earned through secondary and postsecondary career and technical education programs and courses. High school students are encouraged to focus their elective credits on robust, career-aligned learning pathways. Robust learning pathways culminate with the achievement of industry certifications, meaningful work-based learning experiences, and/or attainment of postsecondary credit hours through early postsecondary opportunities. As it pertains to industry certifications, all department-promoted certifications are aligned with postsecondary and employment opportunities and with the competencies and skills that students should have acquired through their chosen programs of study.

## Cleveland CAPS Network

Center for Advanced Professional Studies (CAPS) programs are nationally recognized, innovative high school programs. Students fast forward into their future and are fully immersed in a professional culture, solving real world problems, using industry standard tools and are mentored by actual employers, all while receiving high school and college credit. CAPS is an example of how business, community and public education can partner to produce personalized learning experiences that educate the workforce of tomorrow, especially in high skill, high demand jobs.

## Recommended Course Sequence

## Required Courses

$9^{\text {th }}$ Grade

* English I or English I H
* Algebra I, Algebra I H or Geometry H
* Physical Science or Biology 1 H
* AP Human Geography or World History
* Fine Art Course
* Wellness
* World Language I
* Any CTE Intro Class or Personal Finance/PE
$10^{\text {th }}$ Grade
* English II or English II H
* Geometry or Algebra II H
* Biology 1 or Chemistry 1H
* World History or AP European History
* World Language II
* Focus Area Course \#1
$11^{\text {th }}$ Grade
* English III or AP Language
* Algebra II or Pre-Calculus DC
* Chemistry I or Upper Level Science Honors Course
* American History, American History DC or AP US History
* Personal Finance ( $1 / 2$ credit) and PE ( $1 / 2$ credit)
* Focus Area Course \#2
$12^{\text {th }}$ Grade
* English IV or AP Literature or English IV DE
* Bridge Math (ACT <19) or Upper Level Math Course (ACT>=19)
* Upper Level Science Course
* American Government/Economics
* Focus Area Course \#3


## Course Catalog

## CTE Automotive Academy

Automotive 1
C2OH09 / HC001

Grade(s) / Prerequisite(s): Grades 10-12. May not be repeated for more than 1 credit. The course has a \$ 15.00 course fee.
Credit(s): 1
Description: The Maintenance and Light Repair I (MLR I) course prepares students for entry into Maintenance and Light Repair II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. The course has a \$ 15.00 course fee.

## Automotive 2

C2OH10 / HCOO2

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Automotive 1. May not be repeated for more than 1 credit.
Credit(s): 1
Description: The Maintenance and Light Repair II (MLR II) course prepares students for entry into Maintenance and Light Repair III/IV. Students study automotive general electric systems, starting and charging systems, batteries, lighting, and electrical accessories. Students may have the opportunity to take the ASE National Certification Exam.

## Automotive 3

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Automotive 2. May be repeated for up to 2 credits.

Credit(s): 1
Description: The Maintenance and Light Repair III (MLR III) course prepares students for entry into the automotive workforce or into postsecondary training. Students study and service atuomotive HVAC systems, engine performance systems, automatic and manual transmission/trans-axle systems, and practice workplace soft skills. Students may have the opportunity to take the ASE Student Certification Exam

## Automotive 3 DE

C2OH21 / HC005

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Automotive 2. May be repeated for up to 2 credits.

## Credit(s): 1

Description: The Maintenance and Light Repair III (MLR III) course prepares students for entry into the automotive workforce or into postsecondary training. Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/trans-axle systems, and practice workplace soft skills. Students may have the opportunity to take the ASE Student Certification Exam. This Dual Enrollment credit is through TCAT Athens.

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Automotive 3 or 4 . May be repeated for up to 2 credits.

## Credit(s): 1

Description: This course is designed for the student to gain actual experience in the automotive industry in order to equip them for the workplace. Work-based learning (WBL) is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid or unpaid work experience, juniors and seniors (16 years or older) may earn high school credit for capstone WBL experiences. Must have personal transportation.

## Aviation 1 Introduction to Aviation

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Aviation 1 is a comprehensive foundational course for students interested in pursuing careers in aviation. You must be interested in aviation and be ready to learn detailed apects about airplanes. This content of this course is heavy with science, technology, engineering, math and in class work. This course covers the basic principles governing flight and the regulation of flight that every aviation professional must know regardless of his or her occupation as a pilot or an engineer, a salesperson or a specialist, a mechanic or a statistician. In addition to acquiring foundational knowledge and industry regulations, students will also gain essential understanding of aircraft structures, the flight environment on simulators, and basic procedures. Upon completion of this course, proficient students will be prepared for further study in advanced Aviation Flight.

## Aviation 2 Principles of Flight

C2OH16 / HCCO2G

Grade(s) / Prerequisite(s): Grades 10-12. Successful completion of Aviation 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Aviation 2 Principles of Flight builds on the fundamental knowledge and skills learned in Introduction to Aerospace while teaching students the essential competencies needed for flight under normal conditions in the classroom and on flight simulators. Upon completion of this course, proficient students will be able to apply knowledge, skills, and procedures in a variety of simulated flight environments. Moreover, students who complete this course will have the opportunity to move on to advanced study in Aviation 3: Advanced Flight, where they will continue to prepare for the FAA Private Pilot written exam. This is the second course in the Aviation Flight program of study. FAA Pilot Written Exam is optional (exam cost of $\$ 150.00$ to be paid by student).

## Aviation 3 Advanced Flight DC

C20H18 / HCC03C

Grade(s) / Prerequisite(s): Grades 10-12. Successful completion of Aviation 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Aviation 3 DC Advanced Flight is the capstone course in Cleveland High Schools Aviation Flight program of study intended to prepare students for careers in aviation. While continuing to build upon the knowledge, skills, and competencies acquired in Aviation I (Introduction to Aerospace) and Aviation II (Principles of Flight), students in Aviation III will receive rigorous instruction in preparation to take the Federal Aviation Administration (FAA) Private Pilot written exam. Continued emphasis is placed on maintaining the safety of flight and developing sound judgment (aeronautical decision making) in various conditions. In addition, students will develop a keen understanding of advanced aerodynamics and the physics of flight to aid in decision-making and technical adjustments while working under simulated abnormal procedures in our own full-motion FMX Flight Simulator. Dual Credit is available through MTSU.

## Tango Flight CAPS WBL

G25H29 / HCC04W

Grade(s) / Prerequisite(s): Grades 11-12

## Credit(s): 1

Description: Do you want to build an actual two-person airplane? Tango Flight (tangoflight.org) is your opportunity. Tango Flight is a STEM related course for junior and seniors who would like to experience hands-on, real-world projects where you build an actual two passenger RV-12iS airplane at Cleveland High School. Program includes fundamentals and mechanics of aircraft and avionics equipment, aviation maintenance and inspection, and aircraft structure and assembly. The course applies and concurrently develops secondary STEM knowledge, skills, and abilities in science, mathematics, and technology. Course is intended to be taken as a full year for continuity in aircraft construction. Can be taken up to 4 times or 4 credits if taken both semesters as a junior and senior.

## Digital Media Production 1

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This is a foundational course for students interested in digital video productions. The students will learn the elements involved in basic television production, script writing, camera operation, short film production, editing, and detailed film study. Course content provides a broad-based exposure to audio, video, journalism, and story creation within the media industry. Projects include music videos, short-films, and other projects.

## Digital Media Production 2

C11H02 / HC110

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Digital Media Production 1. May not be repeated for more than 1 credit. Credit(s): 1

Description: This course builds on the foundational skills learned in Digital Media Productions 1 to further develop students' abilities to direct, shoot, edit, and produce digital video content. Digital Media Productions 2 prepares students by merging the artistic concepts of traditional filmmaking with the technological tools that can be utilized in everything from independent news gathering and documentary filmmaking to commercial production and web video. Students will deepen their understanding of digital video by breaking down the logistics of production, including lighting and cinematography. Students will learn the aesthetics of scene composition, color theory, creative writing, and the way these concepts are integrated into the structure of their work. Can get Adobe Certification.

## Digital Media Production 3 DC

C11H03 / HC108C

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Digital Media Production 2. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Students in the Digital Media Production 3 class will produce live sports events and have opportunities to direct, work camera, and commentate a live stream. Working with advanced digital video equipment, students will learn every aspect of live television production including writing, directing, producing, editing, filming, reporting, and appearing as on-air talent. In addition to airing throughout the school, this show will be broadcast live, worldwide, on the Internet. The class is ideal for students considering careers in television. This course may be repeated up to 2 times. Can get Adobe Certification and dual credit with Chattanooga State Community College.

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Digital Media 3. May be repeated for 2 credits.

## Credit(s): 1

Description: This course consists of students applying their classroom knowledge and techniques to real-world situations and environments. Students will participate in leadership and various other production roles while providing video services for Cleveland High School, specifically CHS Live. Students will develop new ideas, create content, design multi-camera productions, execute live broadcasts, setup and teardown large scale events, and reflect to improve future productions. Most work will occur outside of regular school time during athletic and other events. While CHS may provide transportation to some locations, students will need personal transportation. Be aware, long hours and outside broadcasts will need students to work outside the classroom and will be in-depth, exciting productions.

Grade(s) / Prerequisite(s): Grades 10-12. Must have successfully completed Introduction to Business and Marketing at CHS. May not be repeated for more than 1 credit.

## Credit(s): 1

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

## Business Communications DC

Grade(s) / Prerequisite(s): Grades 9-12. Must have earned credit in Computer Applications. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Business Communications is a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations. Can get Microsoft Office Specialist Certification. Dual credit is with Cleveland State Community College

Business Management (Business)

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Business Communications. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Business Management DC focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role, including accounting practices, of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvement as would a management consultant. Service-Learning project is a requirement, as well. Dual Credit and Dual Enrollment is with Cleveland State Community College ( 3 credit hours).

## Business Management (Business) DC

C12H17 / HC217C

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Business Communications. May not be repeated for more than 1 credit. Credit(s): 1

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

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Business Communications. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Business Management DE focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role, including accounting practices, of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, they will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for students. Upon completion of this course, proficient students will be able to complete a full review of an existing business and offer recommendations for improvement as would a management consultant. Service-Learning project is a requirement, as well. Dual Credit and Dual Enrollment is with Cleveland State Community College ( 3 credit hours).

## Introduction to Business and Marketing

C12H26 / HC208

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, Accounting Principles, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

## Raider Evolve 1 CAPS DE

C12H52 / HC219D

Grade(s) / Prerequisite(s): Grades 11-12. No prerequisites required, but an application must be submitted. Applications can be picked up from Dr. Saez or Mrs. Person.

Credit(s): 1
Description: Raider Evolve! Are you interested in maybe owning your own business, or looking to deepen your knowledge of how a business, manufacture, or corporation operates? Raider Evolve is for Juniors and Seniors and is a multi-operational school corporation managed and operated by students as "hands-on" learning laboratories and career opportunities that integrate different aspects of a real-world environment. For many students, Raider Evolve will provide work experience by utilizing the keys of building management, communication, supervision, entrepreneurship and leadership skills. Students will learn the basics of accounting, welding, fabrication, plasma cutting, laser etching, and will sharpen their skill in creative design, business marketing and advertising and distribution of merchandise. No prerequisites required, but an application must be submitted. Applications can be picked up from Dr. Saez or Mrs. Person. This is a year-long course and will count as two credits. Optional DE available: Once you complete 2 semesters of Raider Evolve, you can receive Dual Enrollment credit with Cleveland State Community College for Business Entrepreneurship.

## Raider Evolve 1 CAPS WBL

C12H35 / HC219

Grade(s) / Prerequisite(s): Grades 11-12. Application for approval to the course is required. Applications can be picked up from Dr. Saez or Mrs. Person.

Credit(s): 1
Description: Raider Evolve! Are you interested in maybe owning your own business, or looking to deepen your knowledge of how a business, manufacture, or corporation operates? Raider Evolve is for Juniors and Seniors and is a multi-operational school corporation managed and operated by students as hands-on learning laboratories and career opportunities that integrate different aspects of a real-world environment. For many students, Raider Evolve will provide work experience by utilizing the keys of building management, communication, supervision, entrepreneurship and leadership skills. Students will learn the basics of accounting, welding, fabrication, plasma cutting, laser etching, and will sharpen their skill in creative design, business marketing and advertising and distribution of merchandise. No prerequisites required, but an application must be submitted. This is a year-long course and will count as two credits.

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## Cosmetology 1 DC

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit. Student is required to have a mannequin.

## Credit(s): 1

Description: Cosmetology 1 is the foundational course in the Human Services career cluster for students interested in learning more about becoming a cosmetologist. Upon completion of this course, proficient students will gain knowledge in the fundamental skills in both theory and practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to obtain a Tennessee Cosmetology License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Dual Credit is through Brillare Beauty Institute. Students are required to have a mannequin (\$45.00).

## Cosmetology 2 DC

C19H14 / HC302

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Cosmetology 1. Student is required to have a mannequin. May be repeated for 2 credits.

## Credit(s): 1

Description: Cosmetology 2 is the second course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, nail procedures, hair design, and chemical services. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to obtain a Tennessee License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Dual Credit is through Brillare Beauty Institute.

## Cosmetology 3 DC

C19H13 / HC304

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Cosmetology 2. Student is required to have a mannequin. May be repeated for 2 credits.

## Credit(s): 1

Description: Cosmetology 3 is the third course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, salon business concepts and operations, advanced hair techniques and chemical services, and facial and skin care procedures. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to obtain a Tennessee License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Dual Credit is through Brillare Beauty Institute.

## Cosmetology 4 DC

C19H21 / HC303

Grade(s) / Prerequisite(s): Grades 12. Must have earned credit in Cosmetology 3. Student is required to have a mannequin. May be repeated for 2 credits.

## Credit(s): 1

Description: Once all classes have been completed, Cosmetology 4 can be repeated as many times as needed to accumulate hours for testing and licensure. Cosmetology IV is the capstone course in the Cosmetology program of study intended to prepare students for careers in cosmetology by developing an understanding and practical skills in efficient and safe work practices, career and business analysis, advanced hair techniques and chemical services, and state board theoretical and practical application. Upon completion and acquisition of 1500 hours, students are eligible to take the Tennessee Board of Cosmetology Examination to obtain a Tennessee License. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. Dual Credit is through Brillare Beauty Institute.

Grade(s) / Prerequisite(s): Grades 11 and 12. Must have personal transportation. Must have completed Cosmetology 2.

## Credit(s): 1

Description: This course is designed for the student to gain actual experience in the cosmetology sector in order to equip them for the workplace. Work-based learning (WBL) is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid or unpaid work experiences students may earn high school credit for capstone WBL experiences. Students may earn high school credit for capstone WBL experiences. Must have personal transportation.

## CTE Criminal Justice Academy

## Criminal Justice 1

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is designed to give the student an overview of the United States Criminal Justice System through the examination of U.S. law enforcement agencies, the U.S. court systems, and U.S. correctional institutions. The course explores US Constitutional law, criminal law, and police procedures. Class discussions will cover current Criminal Justice news issues.

## Criminal Justice 2

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Criminal Justice 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course provides a hands-on study of law enforcement operations including investigative procedures, crime scene searches, and forensic investigation culminating in mock court trials conducted by the students. The course also explores federal and state court procedures following the process of a criminal from arrest through the judicial system.

## Criminal Justice 3 DC

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in or be requesting Criminal Justice 2. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This course provides an in-depth look at the United States Criminal Justice System and its history. The course also explores the various careers available within the three major components of the criminal justice system: law enforcement, the judicial system, and corrections. Dual Credit is with Cleveland State.

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: The first level of Culinary Arts prepares students for education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities and by developing food preparation and service and interpersonal skills. Laboratory facilities and experiences simulate commercial food production and service operations.

## Culinary Arts 2

C16H07 / HC502

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Culinary Arts 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The second level of Culinary Arts prepares students for education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by demonstrating the principles of safety and sanitation, food preparation skills, and teamwork to manage an environment conducive to quality food production and service operations. Laboratory facilities and experiences simulate commercial food production and service operations.

## Culinary Arts 3 DC

C16H08 / HC505

Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credit in Culinary Arts 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Culinary Arts 3 prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to apply the marketable culinary arts skills they have acquired by assuming increasingly responsible positions including participation in a cooperative education experience. Dual Credit with Chattanooga State Tech Community College. Can get ServSafe Food Manager Certification.

## Culinary Arts 4 DC

C16H09 / HC506

Grade(s) / Prerequisite(s): Grade 12. Must have earned credit in Culinary Arts 3. May not be repeated for more than 1 credit
Credit(s): 1
Description: Culinary Arts 4 is the capstone course in the Culinary Arts program of study intended to prepare students for careers such as personal chef, caterer, executive chef, and food and beverage manager. Course content covers the components of commercial kitchen safety and sanitation, food presentation, bakeshop preparation skills, sustainability practices, professionalism, and business opportunities. Upon completion of this course, proficient students will have applied the full range of knowledge and skills acquired in this program of study toward the planning and catering of an event approved by the instructor. Can get ServSafe Food Manager Certification. Dual Credit with Chattanooga State Tech Community College.

## Culinary Arts 4 WBL

C16H21 / HC504W

Grade(s) / Prerequisite(s): Grade 12 .Must have personal transportation. Must have earned credit in Culinary 3. May be repeated for 2 credits.

## Credit(s): 1

Description: This course is designed for the student to gain experience in the culinary industry in order to equip them for the workplace. Workbased learning (WBL) is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid or unpaid work experience, juniors and seniors (16 years or older) may earn high school credit for capstone WBL experiences.

Grade(s) / Prerequisite(s): Grade(s) 9-12.

## Credit(s): 1

Description: Fundamentals of Education is a foundational course in the Teaching as a Profession program of study for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. Upon completion of this course, proficient students will gain knowledge in careers in education, and the influence of human development on learning. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses.

## Teaching as a Profession 1 DC

C32H01 / HCF02C

Grade(s) / Prerequisite(s): Grade(s): 10-12. Successful Completion of Introduction to Teaching
Credit(s): 1
Description: Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study.

## Teaching as a Profession 2

Grade(s) / Prerequisite(s): Completion of Teaching as a Profession I

## Credit(s): 1

Description: Teaching as a Profession II (TAP II) is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work, which will carry with them throughout the program of study.

## Teaching Capstone CAPS WBL

Grade(s) / Prerequisite(s): Completion of Teaching as a Profession II. Must have personal transportation.
Credit(s): 1
Description: Teaching as a Profession (TAP) Capstone is a course in the Education and Training career cluster for students interested in applying the knowledge and skills learned in previous courses toward becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education and training fields. In addition, students will complete an internship and continue to create artifacts for their student portfolios. Upon completion of this course, proficient students will be prepared to pursue advanced training at a postsecondary institution.

## CTE General Courses

JROTC (A Day)

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): None
Credit(s): 1
Description: The JROTC program prepares Cadets for leadership roles, giving practical lessons that help them develop into active and engaged learners and leaders. This course has a $\$ 40.00$ fee.

JROTC (B Day)

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): None

## Credit(s): 1

Description: The JROTC program prepares Cadets for leadership roles, giving practical lessons that help them develop into active and engaged learners and leaders. This course has $\$ 40.00$ course fee.

## CTE Health Science Academy

## Anatomy \& Physiology 1 H

Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credit in Biology 1 or Biology 1H. May not be retaken for more than 1 credit.

## Credit(s): 1

Description: The student will assess human anatomy and physiological functions and descriptive results of abnormal physiology with clinical consequences, demonstrating a workable knowledge of medical terminology. Students will participate in lab activities including several dissections. This course is highly recommended to any student who is interested in the medical field. Can count as 4th science credit or 3rd lab Science.

## Anatomy \& Physiology 2 DE

G03H43 / HC914

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s) Grades 11-12. Must have earned credit in Anatomy and Physiology 1 H. May not be repeated for more than 1 credit. Four college credit hours.

Credit(s): 1
Description: Anatomy and Physiology 2 is a college level course designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system. Tuition is to be paid by the student to Lee University. Grants available.

## Biomedical Engineering H

Grade(s) / Prerequisite(s): Grade(s) / Prerequite(s) Grades 10-12 only. Must have earned credit in Principles of Engineering Regular/DE and/or Health Science Education, and/or Anatomy \& Physiology 1 H. Can count as 3rd or 4th science credit. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Biomedical engineering applies and develops knowledge and skills in biology, physics, technology and math. It includes experiences from the diverse fields of Biotechnology, Bioengineering, and Biomedical Engineering. Design problems will be in the areas of biomechanics, cardiovascular engineering, genetic engineering, orthopedic engineering, prosthetics, robotic surgery, tissue engineering, biomedical devices and bioethics. Students will utilize a design team approach to apply biological and engineering concepts to design materials and processes that directly measure, repair, improve and extend life. Can count as 3rd or 4th Science.

Grade(s) / Prerequisite(s): Grade(s) 11- 12. Must have personal transportation. Application based placement.

## Credit(s): 1

Description: The following must be met: Students will apply to the class their junior year and selection is based on work ethic, grades, and attendance, behavior and communication skills. The course is designed to be completed in a hospital, rehab center, medical office, pharmacy, veterinary office, dentist and physical therapy facilities. Students go to medical settings during the class period and intern with a medical career that they are interested in. Students that are interested in observing in a physical therapist setting must have completed the Sports Medicine class. All other clinical sites require that the student has completed the Medical Therapeutics class. If students do clinical at the hospitals then there is some required testing that must be done before they can complete clinical hours there.

Grade(s) / Prerequisite(s): Grades 11-12 Students must have personal transportation. Students must have completed Health Science, Medical Therapeutics or Sports Medicine. May not be repeated for more than 2 credits. Fees based on placement. Fees not to exceed $\$ 92.00$

Credit(s): 1
Description: This course is designed for the student to gain actual experience in the health care sector in order to equip them for the workplace. Work-based learning (WBL) is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid or unpaid work experience, juniors and seniors (16 years or older) may earn high school credit for capstone WBL experiences. If students complete clinical hours at the hospitals some required testing that must be done before they can complete clinical hours there.

## Diagnostic Medicine

C14H12 / HC920

Grade(s) / Prerequisite(s): Grades 9-12. Must have earned credit in Health Science Education. Can count as 4th science credit. May not be repeated for more than 1 credit. Diagnostic Medicine Exam costs $\$ 125$.

Credit(s): 1
Description: Diagnostic Medicine is designed to prepare students to pursue careers in the fields of radiology, medicine, medical laboratory, microbiology, optometry, and other patient diagnostic procedures. The students will learn the ways diagnostic medicine creates a picture of an individual's health and diagnosis. This will include diagnostic career exploration, imaging analysis and physics, medical laboratory, cardiovascular and optic diagnosis and treatment. Students are eligible to sit for the EKG Certification exam. The exam costs $\$ 125.00$.This course can count as a 4th Science.

## Emergency Medical Service

Grade(s) / Prerequisite(s): Grades 10-12 only. Must have earned a credit in Health Science Education. Can count as 4th science credit. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Emergency Medical Service (EMS) is designed for students interested in a career in pre-hospital or emergency patient care. Career options may include emergency room physician, emergency medical technician, paramedic, or emergency room nurse. EMS teaches knowledge of the emergency medical field, including duties, responsibilities, and legal aspects, as well as skill development in patient assessment, communication, first aid measures and the use of emergency medical equipment.

## Emergency Medical Service DE

Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned a credit in Health Science. Can count as 4th science credit. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Emergency Medical Service (EMS) is designed for students interested in a career in pre-hospital or emergency patient care. Career options may include emergency room physician, emergency medical technician, paramedic, or emergency room nurse. EMS teaches knowledge of the emergency medical field, including duties, responsibilities, and legal aspects, as well as skill development in patient assessment, communication, first aid measures and the use of emergency medical equipment. Can get Emergency Medical Responder Certification. Can earn 3 hours Dual Enrollment credit with Cleveland State Community College.

Health Science Education
C14H14 / HC901

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This introductory class is required prior to taking any other Health Science classes. The course will include basic health care information on services/products related to the health of people. Subject matter will include career choices, legal responsibilities, ethics, teamwork, first aid, safety practices, and skill development relevant to becoming a healthcare professional. $\$ 10$ class fee

Grade(s) / Prerequisite(s): Grade 9-12. Must have earned credit in Health Science Education. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This course provides knowledge and skills to maintain or change the health status of an individual over time. The student will evaluate ways therapeutic medicine is used to focus on direct patient care including nursing, medicine, dentistry and psychotherapy. Basic medical skills will be learned. This can be used as a 4th Science credit.

## Pharmacy

C14H20 / HC923

Grade(s) / Prerequisite(s): Grades 10-12. Completion of Medical Therapeutics

## Credit(s): 1

Description: Pharmacy is a third-level applied course in the Therapeutic Services program of study intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication, goalsetting, and information-processing skills to be successful in the workplace, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more. Class fee - $\$$ 45.00.

## Sports Medicine

Grade(s) / Prerequisite(s): Grades 9-12. Must have credit in Health Science Education. Can count as 4th science credit. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Sports Medicine \& Rehabilitation Therapies-Work Based Learning is a career practicum course designed to provide students with the opportunity to apply the skills and knowledge learned in a professional work environment. This course allows students to earn a high school credit for select models of work based learning, up to 2 credits (total for their high school career). This course allows students to interact with industry professionals in order to deepen their understanding and support their development of post secondary \& career readiness skills and knowledge. STUDENTS MUST HAVE THEIR DRIVER LICENSE AND PROOF OF INSURANCE AND may not ride with or drive other students to and from clinical sites. There must be an attendance of $90 \%$ for total school attendance to remain in the course and pass. Work hours may vary each week based on the mentors schedule and the locations and times of athletic events. Some mentoring hours may take place after school hours due to the athletic trainer's schedule.Students will be required to provide immunization records and depending on the site, may require additional testing. Students will also have some out of pocket expense for their "uniform" if they do not currently have a suitable option for their assigned site as well as $\$ 3.00$ for their CPR certification through American Heart Association.

## Sports Medicine CAPS WBL

Grade(s) / Prerequisite(s): Grades 11-12. Completed Health science, Sports Medicine and Rehabilitation, age 16 or over, current Driver License and car insurance and a personal vehicle

## Credit(s): 1

Description: Sports Med \& Rehab Therapies - Work-Based Learning is a career practicum course designed to provide students with the opportunity to apply the skills \& knowledge learned in a professional work environment. This course is designed for students who have completed the Sports Medicine and Rehabilitation Course. This course allows students to earn high school credit for select models of work based learning, up to 2 credits. This course allows students to interact with industry professionals in order to deepen their understanding and support their development of post secondary \& career readiness skills and knowledge.STUDENTS MUST HAVE THEIR DRIVER"S LICENSE AND CAR INSURANCE within the first week of the course to proceed. There must be attendance of $90 \%$ to be allowed in the class and $90 \%$ to pass the course. Work hours may be during the class time or in some cases they may be assigned outside of the scheduled school day so there may be times when work is assigned in the evening for a sports event or after 2:45 at a therapy visit. Certification Opportunity Students are offered an opportunity to study and sit for the PTTC-Physical Therapy Technician Certification test with AMCA exams.

## Computer Science Foundations

Grade(s) / Prerequisite(s): Grades 9-12
Credit(s): 1
Description: A course intended to provide students with exposure to various Information Technology (IT) occupations and pathways such as Internet Protocol, Coding, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various IT occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

## Computer Science Foundations DC

C10H11 / HCE00C

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: A course intended to provide students with exposure to various Information Technology (IT) occupations and pathways such as Internet Protocol, Coding, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various IT occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

## Computer Science Principles AP

G02H44 / HC803

Grade(s) / Prerequisite(s): Grade(s) / Prerequite(s) Grades: 10-12. Successful completion of Computer Science Foundations. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Interested in mobile applications (apps), coding, or game development and animation? Computer Science is a course intended to provide students with the opportunity to apply the skills and knowledge learned in previous technology courses toward the completion of an indepth project. Upon completion of this course, proficient students will be prepared for postsecondary study and/or career opportunities in programming and software development. Students are required to take the AP Exam.

## Cybersecurity 1

C10H19 / HCE01

Grade(s) / Prerequisite(s): Grades: 9-12. Successful completion of Computer Science Foundations. May not be repeated for more than 1 credit.

## Credit(s): 1

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

Grade(s) / Prerequisite(s): Grades: 11-12. Successful completion of Cyber Security 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Cybersecurity II is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Cybersecurity courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the program of study take on more responsibilities for producing independent work and managing processes involved in the planning, designing, refinement, and production of cybersecurity applications. Upon completion of this course, proficient students will be prepared for postsecondary study and career advancement in cybersecurity and will be equipped to market their finished product should they choose.

## Cybersecurity 2 DE

Grade(s) / Prerequisite(s): Grades: 11-12. Successful completion of Cybersecurity 1 and/or Computer Science AP (Principles). May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Cybersecurity Dual Enrollment is a capstone course intended to provide students with the opportunity to earn college credit and to apply the skills and knowledge learned in previous Cybersecurity courses toward the completion of an in-depth project with fellow team members. Students who have progressed to this level in the program of study take on more responsibilities for producing independent work and managing processes involved in the planning, designing, refinement, and production of cybersecurity applications. Upon completion of this course, proficient students will be prepared for postsecondary study and career advancement in cybersecurity and will be equipped to market their finished product should they choose. Dual Enrollment with Cleveland State Community College.

## Robotics Engineering 1

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Robotics 1 is a hands-on foundational course where students are able to investigate emerging robotics and engineering fields with real world projects and personalized, indivdual project paths. Students will gain real skills and experience in industry-certified studies in Robotics, Mechatronics and Computer Science.

## Robotics Engineering 2

C13H15 / HCD02G

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Robotics 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This class is a project-based learning experience for students who wish to further explore the dynamic range of engineering fields. Building on the content and critical thinking frameworks of Robotics 1, this course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student interest and passion. Students will apply their skills in Mechatronics and Computer Science to address larger and more extensive challenges within their fields.

## Robotics Engineering 2 DE

Grade(s) / Prerequisite(s): Grades 10-12. Successful completion of Robotics 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This class is a project-based learning experience for students who wish to further explore the dynamic range of engineering fields. Building on the content and critical thinking frameworks of Robotics 1, this course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student interest and passion. Students will apply their skills in Mechatronics and Computer Science to address larger and more extensive challenges within their fields. Optional Dual Enrollment with Cleveland State Community College.

## Robotics Engineering 3

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s) Grades 11-12. Must have earned credit in Robotics 2 or Robotics 2 DE. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This class is a fast-paced course where students will focus on team dynamics and relevant project work habits by applying their specialized skills to a variety of real-world problems with a multi- disciplinary team of their peers who have become student experts in either Mechatronics and Computer Science. This course builds on the two previous Engineering and/or Robotics courses by applying scientific and engineering knowledge and skills to an extensive team project. Upon completion of this course, proficient students will be able to effectively use skills such as project management, team communication, leadership, and decision making. They will also be able to effectively transfer the teamwork skills from the classroom to a work setting.

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s) Grades 11-12. Must have earned credit in Robotics 2 or Robotics Engineering 2 DE. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This class is a fast-paced course where students will focus on team dynamics and relevant project work habits by applying their specialized skills to a variety of real-world problems with a multi- disciplinary team of their peers who have become student experts in either Mechatronics and Computer Science. This course builds on the two previous Engineering and/or Robotics courses by applying scientific and engineering knowledge and skills to an extensive team project. Upon completion of this course, proficient students will be able to effectively use skills such as project management, team communication, leadership, and decision making. They will also be able to effectively transfer the teamwork skills from the classroom to a work setting. Optional Dual Enrollment with Cleveland State Community College.

## Robotics Engineering 4

C13H17 / HCD05

Grade(s) / Prerequisite(s): Grade 11-12. Must have earned credit in Robotics 3. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Engineering Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Robotics Application courses within a professional, working environment. While continuing to add to their technical skill sets, students in this course assume increasing responsibility for overseeing manufacturing processes and managing complex projects. Specifically, proficient students work in teams to plan the production of a sophisticated product; develop troubleshooting and problem-solving mechanisms to ensure that projects run smoothly; analyze output and compile professional reports; and connect practicum activities to career and postsecondary opportunities.

## Robotics Engineering 4 DE

Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in Robotics 3 or Robotics 3 DE. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Robotics Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Robotics Application courses within a professional, working environment. While continuing to add to their technical skill sets, students in this course assume increasing responsibility for overseeing manufacturing processes and managing complex projects. Specifically, proficient students work in teams to plan the production of a sophisticated product; develop troubleshooting and problem-solving mechanisms to ensure that projects run smoothly; analyze output and compile professional reports; and connect practicum activities to career and postsecondary opportunities. Dual Enrollment with Cleveland State Community College or TCAT (Athens).

## Youth Apprenticeship CAPS WBL

G25H29 / HC804W

Grade(s) / Prerequisite(s): Grades: 11-12 Application must be submitted in order to be considered. Must have personal transportation. May be repeated 4 credits.

## Credit(s): 1

Description: Real world, hands-on experience with Cleveland Utilities. The Youth Apprenticeship CAPS WBL course provides students with specific occupational skills related to electrical and electromechanical, as well as valuable employability skills, interpersonal skills, and a general knowledge on the actual job site with Cleveland Utilities. Youth Apprenticeship promotes the idea that not all learning happens within the walls of a classroom, but on the job site too. Experiential learning not only provides new information and experiences, but also allows students to make a connection between concepts and skills learned in school with applications to real life experiences in the workplace. Students who successfully complete the program have the option of entering the workforce directly after high school with accrued hours toward apprentice license, or enrolling in a technical college or four-year university.

Grade(s) / Prerequisite(s): Grade(s) 9-12.

## Credit(s): 1

Description: Web I is a course intended to provide students with exposure to various information technology occupations and pathways related to Web Design. Web I allow students to understand basic concepts related to Web Design through hands-on experiences. Upon completion of this course, proficient students will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the Web Design profession. Industry certification available: CIW Site Development Associate.

## Web Design 2

C10H16 / HCB02

Grade(s) / Prerequisite(s): Grade(s) 10-12. Completion of Web Design I
Credit(s): 1
Description: Web Design II is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a "client" is indicated in the standards, it is expected that students, peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner.

## Web Design 3

C10H17 / HCB03

Grade(s) / Prerequisite(s): Grade(s) 11-12. Completion of Web Design II
Credit(s): 1
Description: Web Design III builds on the skills and knowledge gained in Web Design II to further prepare students for success in the web design and development fields. Emphasis is placed on applying the design process toward projects of increasing sophistication, culminating in the production of a functional, static website. As students work toward this goal, they acquire key skills in coding, project management, basic troubleshooting and validation, and content development and analysis. Artifacts of the work completed in this course will be logged in a student portfolio demonstrating mastery of skills and knowledge.

## Web Design Capstone CAPS WBL

Grade(s) / Prerequisite(s): Grade 12. Must have personal transportation. Completion of Web Design III

## Credit(s): 1

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

Grade(s) / Prerequisite(s): Grade (s) 9-12
Credit(s): 1
Description: Welding I is designed to provide students with hands-on welding activates and exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Welding. Throughout the courses, course content covers Welding, basic quality principles and processes, blueprints and schematics, and systems. Course fee of $\$ 30.00$

## Welding 2

C13H08 / HCD11

Grade(s) / Prerequisite(s): Grade(s) 10-12. Successful completion of Welding I.

## Credit(s): 1

Description: Welding II is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Proficient students will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control. Course fee of \$ 30.00

## Welding 3

C13H10 / HCD12

Grade(s) / Prerequisite(s): Grade(s) 11-12. Successful Completion of Welding 2

## Credit(s): 1

Description: Welding III is designed to provide students with opportunities to effectively perform cutting and welding applications of increasingly complexity used in the advanced manufacturing industry. Proficient students will build on the knowledge and skills of the Welding I \& II courses and apply them in novel environments, while learning additional welding techniques not covered in previous courses. Specifically, students will be proficient in (1) fundamental safety practices in welding, (2) gas metal arc welding (GMAW), (3) flux cored arc welding (FCAW), (4) gas tungsten arc welding (GTAW), and (5) quality control methods. Upon completion of the Welding II course, proficient students will be eligible to complete the American Welding Society (AWS) Entry Welder or the AWS SENSE Advanced Welders qualifications and certifications.Course fee of \$30.00

## Welding 4

C13H08 / HCD13

Grade(s) / Prerequisite(s): Grade 12. Successful completion of Welding 1,2 \& 3.

## Credit(s): 1

Description: Welding 4 is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Advanced Manufacturing courses within a professional, working environment. While continuing to add to their technical skillsets, students in this course assume increasing responsibility for overseeing manufacturing processes and managing complex projects. Specifically, proficient students will be able to work in teams to plan the production of a sophisticated product; develop troubleshooting and problem solving mechanisms to ensure that projects run smoothly; analyze output and compile professional reports; and connect practicum activities to career and postsecondary opportunities. For all projects undertaken in this course, students are expected to follow the focus area in their chosen program of study (Machining Technology, Industrial Maintenance Technology, Mechatronics, or Welding), while also refining skills previously acquired to achieve deeper levels of mastery. Upon completion of the practicum, proficient students will be prepared for postsecondary study and career advancement in their chosen focus area.Course fee of $\$ 30.00$

## Fine Arts - Performing Arts

## Concert Percussion

Grade(s) / Prerequisite(s): Grades 9-12.May be repeated for up to 4 credits.
Credit(s): 1
Description: The progressive study of performance on instruments in the percussion family. Members of this class will perform regularly in the school and in the community. They will also represent our school at contests, conventions, and meetings throughout the South. Evaluation will come primarily from the student's performance progress.

## Concert Winds

Grade(s) / Prerequisite(s): Grades 9-12. May be repeated for up to 4 credits.
Credit(s): 1
Description: Each year the Cleveland High School Band travels to numerous contests, festivals, clinics, and athletic events. The marching and concert bands present public performances throughout the year. As members of these groups, students are expected to spend time after school in rehearsals for special events. Band students must supply their own musical instruments in most cases.

## Guitar 1

G05H36 / HA108

## Grade(s) / Prerequisite(s):

## Credit(s): 1

Description: Guitar 1 would provide students an introduction to, and refine the fundamentals of, music and guitar literature and techniques, such as strumming and chords and may offer instruction in more advanced techniques. In class performances are included as well as experiences in creating and responding to music. Guitars are provided for students.

## Marching Percussion

G05X14 / HA101

Grade(s) / Prerequisite(s): Grades 9-12. Must also register for Concert Percussion. May be repeated for up to 4 credits.

## Credit(s): 1

Description: The progressive study of performance on instruments in the percussion family. Members of this class will perform regularly in the school and in the community. They will also represent our school at contests, conventions, and meetings throughout the South. Evaluation will come primarily from the student's performance progress.

Marching Winds

Grade(s) / Prerequisite(s): Grades 9-12. Must also register for Concert Winds. May be repeated for up to 4 credits.
Credit(s): 1
Description: Each year the Cleveland High School Band travels to numerous contests, festivals, clinics, and athletic events. The marching and concert bands present public performances throughout the year. As members of these groups, students are expected to spend time after school in rehearsals for special events. Band students must supply their own musical instruments in most cases.

## Outdoor Color Guard/Dance

Grade(s) / Prerequisite(s): Credits: 1.00 Grade(s) / Prerequisite(s): Grades $9-12$. Audition Required. May be repeated for up to 4 credits.

## Credit(s): 1

Description: Students study elements of dance, equipment, and visual design. Members of this class perform with the Cleveland High School Marching Band. Each year the Cleveland High School Marching Band travels to numerous contests, festivals, clinics, and athletic events. As a members of this group, students are expected to spend time after school in rehearsals.

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course provides a study of the art, craft, business, and the history of the theater. Emphasis is placed on the audience, an appreciation of the work of the playwright, director, actor, designer, producer, and critic. Upon completion, students should be able to demonstrate a vocabulary of theater terms and to recognize the contributions of various theater artists. Several discussions and work are related to live and recorded stage productions.

## Theatre Arts 1

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The purpose of this course is to expose the student to the various aspects of theater including stage terminology, stage movement, characterization, theater history, play production, and dramatic criticism. Students are required to perform scenes and monologues.

## Theatre Arts 2

G05H17 / HA021

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12 only. Must have earned a credit in Theatre Arts 1 . May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Theater 2 is a continuation of concepts learned in Theater 1. This course is designed to cover aspects of theater production. Students in this class will have the opportunities for practical application of knowledge in acting, writing, stage lighting, sound, make-up, play production, and set design. Students are given the opportunity for actual experience through the performance of one act plays.

## Theatre Arts 3

G05H18 / HA026

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned a credit in or be requesting Theater Arts 2 . May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Theater 3 is a continuation of concepts learned in Theater 1 and Theater 2. This class is a performance based class, providing the student more on-stage performance time through the participation of a school production. They will be expected to participate in the TTA One-Act Festival which will be an off-campus overnight trip.

## Theatre Arts 4

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 12. Must have earned a credit in (or be requesting) Theater Arts 3.

## Credit(s): 1

Description: Theatre 4 continues studies of advanced elements of theater to prepare those interested in pursuing theater in a postsecondary or work-related setting. This course may require after-school rehearsals and performances that will be used as part of the evaluation process. This course will allow students to explore their own strengths in theater. Students in class will join Theater 3 for an overnight trip to TTA one-act Festival.

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course fulfills the fine arts requirement and is ideal for the student who wants an introductory course to the visual arts, with an emphasis on drawing. The course includes a study of the basic elements and principles of art and design, how to look at, talk about, and write about art. Students will create original works of art while exploring the basic design elements and principles with various media.

## Art 2 Color Theory and Design

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 9-12. Must have earned credit in Art 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is a prerequisite for Art 3 and Art 4. This course explores the three distinct qualities of color: hue, intensity, and value. Students will study the color wheel and learn to mix colors. Color projects will use several different media including, but not limited to: tempera paint, watercolor, colored pencil, and chalk and oil pastels. Arbitrary or expressive use of color, impressionistic color, and interpretative color will be explored in various drawing and painting assignments.

## Art 3 3D Design H

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Art 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is a prerequisite for Art 4. Students will see, conceive, manipulate materials, and produce concrete objects from their imagination as well as from direct observation. Students will be provided with the information needed to experience sculpture by first learning to see as a sculptor. The student will learn how the visual language of art applies to three-dimensional design. Various materials (such as Paper Mache, clay, plaster, and found objects) will be used to create three-dimensional art works

## Art 4/5/6 Advanced Art H

[^0]Description: Projects may include, but are not limited to: advanced painting in a variety of media, advanced drawing (including life drawing), exploring a variety of media, advanced 3-D design projects, printmaking, and other types of advanced projects. This course may be repeated three times for three credits. Students should be highly motivated, responsible, and be working on an art portfolio that may be presented to a college for part of the admission acceptance process.

## Art History Credit Recovery

## Grade(s) / Prerequisite(s):

## Credit(s): 1

## Description:

Grade(s) / Prerequisite(s): Grades 9-12. Audition/Director Placement. Strongly encouraged to take along with Spring. May be repeated for up to 4 credits.

## Credit(s): 1

Description: This is a vocal course that seeks to give students in grades 9-12 experience in the study and performance of a varied repertoire of music. This course will include instruction in proper vocal technique, musicianship, historical and cultural context of the choral literature, sight singing, and musical theory. This group performs regularly for the community and also represents our school at contests and conventions throughout the South.

## Ebony \& Ivory Choir (B Day)

Grade(s) / Prerequisite(s): Grades 9-12. Audition/Director Placement. Strongly encouraged to take along with Fall. May be repeated for up to 4 credits.

Credit(s): 1
Description: This is a vocal course that seeks to give students in grades 9-12 experience in the study and performance of a varied repertoire of music. This course will include instruction in proper vocal technique, musicianship, historical and cultural context of the choral literature, sight singing, and musical theory. This group performs regularly for the community and also represents our school at contests and conventions throughout the South.

## Fundamentals of Music Theory

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The Music Theory course is designed to enhance music skills and basic music fundamentals. The essential aspects of melody, harmony, rhythm, and form are studied along with developing aural dictation and ear training skills. This course is highly recommended for students who are interested in learning more about how to read and compose music and is beneficial to any student desiring to study music at the collegiate level.

## General Choir

G05HA1 / HA313

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Intro to Choir is a hands-on, performance-based class designed to introduce music students to the basics of choral singing and musical literacy through the study of diverse repertoire, sight-singing, music theory, and music history. No audition or previous choral experience is required to participate.

## Music Appreciation

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Music Appreciation is an introductory course to music. Students will explore music's various functionalities in order to gain a deeper understanding and appreciation for all types of music. The course begins by examining basic music literacy and core musical elements such as melody, rhythm, harmony, form, and texture. Throughout the course, students apply their understanding through music composition and focus on music's various purposes and functions, tracking these categories through historical transformations and focuses on sacred music, music for stage and screen, music for public entertainment, music as identity, and music as media.

Grade(s) / Prerequisite(s):
Credit(s): 1

## Description:

## Renaissance Choir (A Day)

Grade(s) / Prerequisite(s): Grades 9-12. Vocal and Dance Audition Required. Student must register for both Fall and Spring . May be repeated for up to 4 credits.

Credit(s): 1
Description: This is a musical ensemble that brings together many disciplines of performance. Many educators refer to this art form as teaching the art of entertainment. While vocal production is the central focus of the ensemble, the performers integrate staging, choreography, costumes and props with the music. In addition, these performers perform with a live show band and with sound reinforcement. This group performs many times throughout the school year and attends three (or more) required competitions throughout the year. See one of the directors for the cost of these competitions.

## Renaissance Choir (B Day)

G05HA4 / HA307

Grade(s) / Prerequisite(s): Grades 9-12. Vocal and Dance Audition Required. Student must register for both Fall and Spring. May be repeated for up to 4 credits.

Credit(s): 1
Description: This is a musical ensemble that brings together many disciplines of performance. Many educators refer to this art form as teaching the art of entertainment. While vocal production is the central focus of the ensemble, the performers integrate staging, choreography, costumes and props with the music. In addition, these performers perform with a live show band and with sound reinforcement. This group performs many times throughout the school year and attends four (or more) required competitions throughout the year. See one of the directors for the cost of these competitions

## Rock and Roll History 1

G05HB3 / HA314

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This course is an in-depth look at the development of Rock and Roll during the 50 's and 60's. Starting with pioneering blues artists, such as Muddy Waters, we will explore the influences, bands, and technology that inspired a generation to plug in and turn up the electric guitar. Discussions will include Chuck Berry, Buddy Holly, Elvis Pressley, the Beatles, Bob Dylan, Led Zeppelin and much more. This is a course that no music lover will want to miss!

Rock and Roll History 1 Credit Recovery
G05HB3 / HA314CR

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:

## Rock and Roll History 2

Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Rock\&Roll History 1.

## Credit(s): 1

Description: A continuation of History of Rock I, History of Rock II picks up in the 70's and moves to the present day. The many subgenres of Rock will be explored, including discussions on Prog Rock, Southern Rock, Punk Rock, Heavy Metal, Glam Rock, and Grunge among other Rock and Roll trends. Bands discussed will include Queen, the Eagles, Fleetwood Mac, AC/DC, Guns N' Roses, Journey, Aerosmith, and many more.

## Capstone

Grade(s) / Prerequisite(s): Grades: 12 only
Credit(s): 1
Description: This semester course is for independent study. Students are required to complete a service project through the supervision of a teacher and community member. Students will earn a numerical grade for this course.

Computer Lab APP


Grade(s) / Prerequisite(s):
Credit(s): 0

## Description:

Computer Lab RBA

Grade(s) / Prerequisite(s): Placement by School Personnel
Credit(s): 0
Description: Interventions are systematic and research-based curriculum that target the student's identified area of deficit (basic reading skill(s), reading fluency, reading comprehension, mathematics calculation, mathematics problem solving or written expression). Interventions will be developed based on the unique needs of students. Interventions that have been researched to have the greatest chance of addressing the area of need will be selected.

Credit Recovery Lab
G25H10 / HA402

Grade(s) / Prerequisite(s): Placement by School Personnel
Credit(s): 0
Description:
Dual Enrollment (3rd A Day)
/ HA490

Grade(s) / Prerequisite(s): Grades 11-12 only. 3.0 GPA, 19 ACT or 910 SAT, and students must provide their own transportation to and from Cleveland State or Lee University. Must select Dual Enrollment (3rd B Day) as well.

## Credit(s): 1

Description: Cleveland High School offers, in conjunction with Cleveland State Community College and Lee University, the opportunity to enroll in college courses while still attending high school. Students sign up for the courses of their choice and attend the college to obtain college credit. To appear on the student's high school transcript the college courses MUST be at least three semester hours.

## Dual Enrollment (3rd B Day)

Grade(s) / Prerequisite(s): Grades 11-12 only. 3.0 GPA, 19 ACT or 910 SAT, and students must provide their own transportation to and from Cleveland State or Lee University. Must select Dual Enrollment (3rd A Day) as well.

## Credit(s): 1

Description: Cleveland High School offers, in conjunction with Cleveland State Community College and Lee University, the opportunity to enroll in college courses while still attending high school. Students sign up for the courses of their choice and attend the college to obtain college credit. To appear on the student's high school transcript the college courses MUST be at least three semester hours.

Grade(s) / Prerequisite(s): Grades 11-12 only. 3.0 GPA, 19 ACT or 910 SAT, and students must provide their own transportation to and from Cleveland State or Lee University. Must select Dual Enrollment (4th B Day) as well.

Credit(s): 1
Description: Cleveland High School offers, in conjunction with Cleveland State Community College and Lee University, the opportunity to enroll in college courses while still attending high school. Students sign up for the courses of their choice and attend the college to obtain college credit. To appear on the student's high school transcript the college courses MUST be at least three semester hours.

## Dual Enrollment (4th B Day)

/ HA493

Grade(s) / Prerequisite(s): Grades 11-12 only. 3.0 GPA, 19 ACT or 910 SAT, and students must provide their own transportation to and from Cleveland State or Lee University. Must select Dual Enrollment (4th A Day) as well.

## Credit(s): 1

Description: Cleveland High School offers, in conjunction with Cleveland State Community College and Lee University, the opportunity to enroll in college courses while still attending high school. Students sign up for the courses of their choice and attend the college to obtain college credit. To appear on the student's high school transcript the college courses MUST be at least three semester hours.

## Leadworthy 1

G04H37 / HA423

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 9--12 May not be repeated for more than 1 credit. APPLICATION REQUIRED. Student must have a leadership position within the school or community and minimum 2.75 GPA.

Credit(s): 1
Description: Leadworthy is designed for those students who wish to build and refine leadership skills by participating in a class, which generates both school and community activities for Cleveland High School. Because of the emphasis on community involvement, this class requires commitment outside the school day as well as in the classroom, 10 hours of community service will be required. Classwork includes guest speakers, oral presentations, mentor-ship, and research. .

## Leadworthy 2

G04H37 / HA424

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12 only. May not be repeated for more than 1 credit. Must have earned a credit in Leadworthy 1.

## Credit(s): 1

Description: Leadworthy 2 is designed for those students who wish to build and refine leadership skills by participating in a class, which generates both school and community activities for Cleveland High School. Because of the emphasis on community involvement, this class requires commitment outside the school day as well as in the classroom, 15 hours of community service will be required. Classwork includes guest speakers, oral presentations, mentor-ship, and research. Leadership II builds on skills learned in Leadworthy I, but focuses on hands on service learning.

## Leadworthy 3

G04H37 / HA425

Grade(s) / Prerequisite(s): Grades 11-12 only. May not be repeated for more than 1 credit. Must have earned a credit in Leadworthy 2.

## Credit(s): 1

Description: Leadworthy 3 will provide students with the opportunity to participate in school based leadership activities and will serve as an integral part of the 9th grade. Students will put into practice knowledge gained in Leadworthy $1 \& 2$ through the mentorship program. The Leadworthy 3 class will be in charge of the New Raider Outreach Program, Little Leaders that serves all six elementary schools and CMS, the Go To Crew, 9th grade FX classes, and the annual Hall of Fame Ceremony. Students must have a driver's license and proof of insurance on file to be able to leave campus to serve the community.

Grade(s) / Prerequisite(s): Grade 12 only. May not be repeated for more than 1 credit. Must have earned a credit in Leadworthy 3 .

## Credit(s): 1

Description: The course will examine the major models for leadership and evaluate the application of these models in different situations and environments. Emphasis is given to contemporary leadership theory and application. Students are encouraged to critically analyze contemporary leadership theories and practices. The course supplements learning leadership theory and skills with practical application opportunities. The student must have a driver's license and proof of insurance on file to leave campus and meet with community mentors to complete their project.

## Peer Mentor

G25H10 / HA415

Grade(s) / Prerequisite(s): Grades 10, 11 and 12 only. No more than 5 unexcused absences (Level 1 attendance policy); GPA of 2.5 or higher; No level 3 discipline actions; Good academic standing May be repeated for more than 1 credit.

## Credit(s): 1

Description: Students can apply to be a Peer Mentor for a student in one of several academic areas (but not limited to): Special Ed or English Language Learner Class. Students will remain on campus and must meet prerequisites to apply. This is a pass/fail course and can be taken for more than 1 credit.

## Personal Finance (1/2 credit)

Grade(s) / Prerequisite(s): Grade 10 only. Must be taken along with Physical Education 1 ( $1 / 2$ credit). May not be repeated for more than $1 / 2$ credit.

Credit(s): 0.5
Description: Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundation understanding for making informed personal financial decisions.

## R.I.S.E.

G25H10 / HA432A

Grade(s) / Prerequisite(s): Grades 9-12.
Credit(s): 0.5
Description: R.I.S.E. will be a time for all students to gather by grade level and work on character education skills and social skills.
R.I.S.E. 09

G25H10 / HA43209

Grade(s) / Prerequisite(s):
Credit(s): 0.5

## Description:

R.I.S.E. 09 (Female)

G25H10 / HA43209F

Grade(s) / Prerequisite(s):
Credit(s): 0.5

## Description:

## Grade(s) / Prerequisite(s):

Credit(s): 0.5
Description:
R.I.S.E. 10

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 10 (Female) G25H10 / HA43210F

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 10 (Male)

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 11

G25H10 / HA43211
Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 11 (Female)

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 11 (Male)

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
R.I.S.E. 12

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:

$$
\text { R.I.S.E. } 12 \text { (Male) G25H10 / HA43212M }
$$

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
RTI Algebra 1 G02H22 / HA436A1

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
RTI ELA
Grade(s) / Prerequisite(s): Placed by school personnel.
Credit(s): 1
Description:
RTI English 1
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
RTI English 2
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
RTI Geometry
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
RTI Math
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

## Grade(s) / Prerequisite(s):

## Credit(s): 1

## Description:

Study Hall

Grade(s) / Prerequisite(s): Grades 9-12. Placement by School Personnel.
Credit(s): 0

## Description:

Work Based Learning (CTE)

Grade(s) / Prerequisite(s): Assigned by School Personnel. Grades 11-12. May be repeated for up to 2 credits.
Credit(s): 1
Description: Work-based learning (WBL) is a proactive approach to bridging the gap between high school and high-demand, high-skill careers in Tennessee. Students build on classroom-based instruction to develop employability skills that prepare them for success in postsecondary education and future careers. Through experiences like internships, apprenticeships, and paid work experience, juniors and seniors (16 years or older) may earn high school credit for capstone WBL experiences. WBL CTE course opportunities; Automotive, Digital Media Productions, Robotics, Business, Health Science, Culinary Arts.

## English 1

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This class emphasizes grammar usage through writing. Composition skills include narrative and expository essays with an introduction to persuasive writing. The literature study includes short stories, drama, poetry, and nonfiction.

## English 1 H

Grade(s) / Prerequisite(s): Grade 9 only. Must be above the 80th percentile on the previous state English exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This rigorous class is for students who are independently motivated and possess above-average language skills. Using AP strategies and vocabulary this course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students can deepen their understanding of how writers use language. Units of study include all genres with special emphasis on nonfiction. Each literature unit requires a project consisting of a written, visual and/or oral presentation. Composition and grammar skills are emphasized through each unit.

## English 2

G01H10 / HA003

Grade(s) / Prerequisite(s): Grade 10 only. Should have earned credit (or currently taking) English 1, English 1 Credit Recovery or English 1 H. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This class emphasizes grammar usage through writing. Composition skills include narrative and expository essays with an introduction to persuasive writing. The literature study includes short stories, drama, poetry, and nonfiction.

## English 2 Credit Recovery

Credit(s): 1

## Description:

## English 2 H

Grade(s) / Prerequisite(s): Grade 10 only. Must be above the 80th percentile on the previous state English exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Students use the writing process to produce effective arguments that include primary and secondary sources. Students demonstrate complex syntax, advanced vocabulary, and increasingly accurate use of the conventions of written language. Students will read extensively in all genres from world literature. This rigorous class continues to emphasize AP strategies and vocabulary that will prepare students for the challenging reading and writing assignments in AP courses.

Grade(s) / Prerequisite(s): Grade 11 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Students use the writing process to produce effective arguments that include primary and secondary sources. Students demonstrate complex syntax, advanced vocabulary, and increasingly accurate use of the conventions of written language. Students will read extensively in all genres from world literature.

English 3 AP Language \& Composition
G01H17 / HA006

Grade(s) / Prerequisite(s): Grade 11 only. Required recommended by the English 2 teacher. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This challenging course aligns to college-level rhetoric and writing curriculum, which requires students to develop evidence based analytical and argumentative essays and rhetorical analysis of non-fiction texts. American Literature serves as the base for reading selections. In an effort to maximize the AP English educational experience, AP Language will be partnered with AP American History to create a year-long, alternating day class schedule with the time split between AP Language and AP American History. Students who register for this course must also register for AP American History. Students are required to register for and take the AP Language and Composition test. The class prepares students for taking the AP Language Exam (administered by the College Board) which may allow students to earn three to six credits in College English. Students should possess above-average reading and language skills.

## English 3 Credit Recovery

## Grade(s) / Prerequisite(s):

## Credit(s): 1

## Description:

## English 4

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned a credit in (or be requesting) English 3, English 3 Credit Recovery or English 3 AP. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This class consists of a chronological survey of British literature and the necessary historical implications, vocabulary that is relevant to the literature, and writing skills which focus primarily on the essay and the research paper.

## English 4 AP Literature \& Composition

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned credit in English 3 AP or English 3. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Students are required to register for and take the AP test as a part of this class. This is a college-preparatory class in which students will sharpen their reading, writing, listening and speaking skills. Study comprises British literature and emphasizes worthy prose and poetry from European and American authors. The entire course focuses on the close reading of literary works, such as Hamlet, Macbeth, Heart of Darkness, Frankenstein, and the Alchemist followed by discussion and composition based on analysis and evaluation of the texts. The class prepares students for taking the AP Literature Exam (administered by the College Board) which may allow students to earn three to six credits in College English.

## English 4 Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned a credit in English 3. Must have a minimum 3.0 GPA, Composite ACT Score of 19 or better, and English Sub-score of 19 or better. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Through rigorous individual study and group projects, students learn to think, write, and speak effectively about British literature and relevant real-world topics in preparation for college-level literature analysis, portfolio creation, and classroom interaction. This class offers high school honors English credit and three hours of college freshman composition credit through Lee University.

## English 4 DE Composition 2

G01H31 / HA007D2

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned a credit in (or be requesting) English 3 AP. May not be repeated for more than 1 credit.

Credit(s): 1
Description: A course focusing on four major writing projects; enables students to review the creative process as it applies to composition, learn the research methodologies and procedures of their chosen discipline (including computer-generated research), internalize approaches to critical thinking, apply basic principles of public speaking, and perform literary analysis.

## ESL 1 (09)

G22H00 / HA031L1

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

ESL 1 (10)

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL 1 (11)
G22H02 / HA033L1

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL 1 (12)
G22H03 / HA034L1

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL 2 (09)
G22H00 / HA031L2

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 2 (11)
G22H02 / HA033L2

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 2 (12) G22H03 / HA034L2
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 3 (09)
G22H00 / HA031L3
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 3 (10)
G22H01 / HA032L3
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 3 (11)
G22H02 / HA033L3
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 3 (12)
G22H03 / HA034L3
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL 3 (ESL Support 9-12)
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

ESL 4 (10)

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

ESL 4 (11)

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL 4 (12)
G22H03 / HA034L4

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL 4 (ESL Support 9-12)

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
ESL ELD 09

Grade(s) / Prerequisite(s): Grade 9 only. Must qualify for ESL services based upon WIDA scores or equivalent.

## Credit(s): 1

Description: This course will develop speaking, listening, reading and writing skills for multilingual learners. There are four sections of this course that correlate to English Language Proficiency levels 1-4.

ESL ELD 10
Grade(s) / Prerequisite(s): Grade 10 only. Must qualify for ESL services based upon WIDA scores or equivalent.
Credit(s): 1
Description: This course will develop speaking, listening, reading and writing skills for multilingual learners. There are four sections of this course that correlate to English Language Proficiency levels 1-4.

Grade(s) / Prerequisite(s): Grade 11 only. Must qualify for ESL services based upon WIDA scores or equivalent.
Credit(s): 1
Description: This course will develop speaking, listening, reading and writing skills for multilingual learners. There are four sections of this course that correlate to English Language Proficiency levels 1-4.

ESL ELD 12

Grade(s) / Prerequisite(s): Grade 12 only. Must qualify for ESL services based upon WIDA scores or equivalent.
Credit(s): 1
Description: This course will develop speaking, listening, reading and writing skills for multilingual learners. There are four sections of this course that correlate to English Language Proficiency levels 1-4.

ESL Power Up Lab (09)
G22H00 / HA031LP

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL Power Up Lab (10)
G22H01 / HA032LP

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL Power Up Lab (11)

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL Power Up Lab (12)

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
ESL Power Up Lab (ESL Support 9-12)

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:

Grade(s) / Prerequisite(s): Grades 9-12. Non-native English speaking students who qualify for services based upon WIDA scores or equivelant only. Who have completed ESL through ESL 4, but have not yet exited based upon current WIDA Access exit criteria.

## Credit(s): 1

Description: This course will develop speaking, listening, reading and writing skills for multilingual learners.

## Holocaust Literature

Grade(s) / Prerequisite(s): Grades 11-12 only. Student should have passed previous English course. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: A variety of contemporary social issues will be explored through literature of the Holocaust. Students will learn about anti-Semitism, the travesties of the Holocaust, read several primary account of Holocaust literature, and apply this to present-day society. Discussion, reading, research, and writing will be employed throughout the semester.

## Speech and Communications

Grade(s) / Prerequisite(s): Grade 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This course helps students gain self-confidence and poise in all situations requiring communications through creating, writing, and delivering of a variety of speeches and communication projects.

Yearbook

Grade(s) / Prerequisite(s): Grades 11, 12. Application Only.
Credit(s): 1
Description: Grades 11, 12 Application only.

## Mathematics

## Accelerated Algebra 1 H

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

## Algebra 1

Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This course covers quadratic, exponential, and other types of functions, comparing functions, factoring, sequences, basic statistics, and probability. A graphing calculator (TI-83 or TI-84) is highly recommended.

## Algebra 1 Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description: This course covers quadratic, exponential, and other types of functions, comparing functions, factoring, sequences, basic statistics, and probability. A graphing calculator (TI-83 or $\mathrm{Tl}-84$ ) is highly recommended. This course is for students who did not pass Algebra 1. The highest grade that can earned is a $70 \%$.

Algebra 1 H
G02H00 / HA502H

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description:
Algebra 2
G02H05 / HA509
Grade(s) / Prerequisite(s): Grade 11 only. Must have earned a credit in or be enrolled in Algebra 1. May not be repeated for more than 1 credit.
Credit(s): 1
Description: This course covers quadratic, exponential, and other types of functions, comparing functions, factoring, sequences, basic statistics, and probability. A graphing calculator (TI-84 CE) is highly recommended.

Algebra 2 Credit Recovery
G02H05 / HA509CR

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

Grade(s) / Prerequisite(s): Grades 10/11 only. Must have earned credit in (or be requesting) Geometry H. Recommended projections in the 80th Percentile. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This course covers the topics in Algebra II with emphasis on more difficult problems, problem-solving activities, and verbal and written expression of mathematics. This course meets the criteria set forth by Cleveland High School for Honors designation. A graphing calculator (TI-83 or TI-84) is highly recommended.

## Bridge Math

G02H41 / HA519

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned a credit in (or be requesting) Algebra II and an ACT Math Subscore $<16$. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This course is designed for students who have scored below 16 on the ACT by the beginning of their senior year. This course includes analyzing equations and inequalities, graphing linear functions, systems of equations and inequalities, matrices, polynomials, radical operations, quadratic functions and graphs, conic sections, rational expressions, exponential and logarithmic functions, series, and sequences, geometry, including perimeter, triangle properties, and circles; basic statistics including central tendency, and spread, probability, and trigonometry, including ratios and graphs. These particular skills will be developed in an environment that promotes learning beyond skill and drill techniques. Applications of these skills should play a principal role in the learning and assessment process. Technology should be used to strategically enhance the student's understanding of core concepts via the use of multiple problem solving strategies. A graphing calculator ( $\mathrm{TI}-83$ or $\mathrm{Tl}-84$ ) is highly recommended.

## Bridge Math (SAILS)

Grade(s) / Prerequisite(s): Grade 12 only. Must have earned a credit in (or be requesting) Algebra II and an ACT Math Subscore < 19. May not be repeated for more than 1 credit.

Credit(s): 1
Description: This course is designed for students who have scored below 19 on the ACT by the beginning of their senior year. This course includes analyzing equations and inequalities, graphing linear functions, systems of equations and inequalities, matrices, polynomials, radical operations, quadratic functions and graphs, conic sections, rational expressions, exponential and logarithmic functions, series, and sequences, geometry, including perimeter, triangle properties, and circles; basic statistics including central tendency, and spread, probability, and trigonometry, including ratios and graphs. These particular skills will be developed in an environment that promotes learning beyond skill and drill techniques. Applications of these skills should play a principal role in the learning and assessment process. Technology should be used to strategically enhance the student's understanding of core concepts via the use of multiple problem solving strategies. A graphing calculator (TI-83 or TI-84) is highly recommended.

## Bridge Math Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

## Calculus AP

Grade(s) / Prerequisite(s): Grade 11-12 only. Must have earned credit in (or be requesting) Pre-Calculus SDC. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Students are required to resister for and take the AP test as a part of this class. Students will explore limits, differentiation with application, integration, and logarithmic and exponential functions. Students will learn about the Hospital Rule, volumes, surface area, and series. Students will prepare for the AP exam. A graphing calculator (TI-83 or TI-84) is highly recommended.

Grade(s) / Prerequisite(s): Grade 12 only. Must have a minimum 3.0 GPA, Composite ACT Score of 20 or better, and Math Sub-score of 20 or better. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The real number system; relations and functions; algebraic functions; linear, quadratic and higher degree equations; complex numbers; graphing; systems of equations; and applications through the use of word problems. Dual Enrollment with Lee University.

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned a credit in Algebra 1. May not be retaken for more than 1 credit.

Credit(s): 1
Description: This course covers parallel and perpendicular lines, reasoning and proofs, circles, transformations, congruent triangles, right triangles, and other triangle relationships. Also covered will be quadrilaterals and polygons, proportionally and similarity, area and volume, and coordinate geometry. A graphing calculator (TI-84 CE) is highly recommended.

Geometry Credit Recovery
G02H11 / HA505CR

Grade(s) / Prerequisite(s):
Credit(s): 1

## Description:

## Geometry H

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 9-10. Must also have a recommendation from obtaining at or above the 80th percentile on the previous state Math exam. May not retake for more than 1 credit.

## Credit(s): 1

Description: This course covers the topics in Geometry with emphasis on more difficult problems, problem-solving activities, and verbal and written expression of mathematics. This course meets the criteria set forth by Cleveland High School for Honors designation. A graphing calculator (TI-84 CE) is highly recommended.

MATH 1000 Algebra Essentials DE

Grade(s) / Prerequisite(s): GPA of 2.5 or higher.
Credit(s): 1
Description: This course is designed to prepare students for algebra-intensive college-level courses, such as MATH 1130, 1200, 1410, 1630, 1710,1720 and 1830. It covers polynomial operations, rules of exponents, negative exponents, scientific notation, factoring polynomials, solving equations by factoring, solving equations by graphing, rational expressions, radical expressions, quadratic functions, solving quadratic equations, completing the square, square root property, quadratic formula, graphing parabolas, finding intercepts, finding maxima and minima and solving business applications.

Grade(s) / Prerequisite(s): Grade(s) 10-12 only. Must have earned credit in (or be requesting) Algebra 2. Recommended to obtain at or above the 80th percentile on the last state Math exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course covers Advanced Algebra at a more rigorous pace. Additional topics include trigonomic formulas, conics, matrices, limits, and various writing and research assignments. There is an emphasis on a graphing approach. This course meets the criteria set forth by Cleveland High School for Honors designation. A graphing calculator (TI-83 or TI-84) is highly recommended. Students are required to take the Dual Credit exam at the end of the semester. Passing the test will give you three credit hours in Pre-Calculus at any university in the Tennessee Board of Regents system. Private and out of state universities may accept the dual credit. Students will be placed in this course based on their ACT Math Projections.

## Statistics (SAILS)

Grade(s) / Prerequisite(s): *Grade 12 only. Must have earned credit in Algebra 2. Students must score less than a 19 on the math component of the ACT. May not be repeated for more than 1 credit.

Credit(s): 1
Description: SAILS is a course designed to allow students whose ACT is 18 or less in the math section an opportunity to earn their college remedial math credit. SAILS is a 3-part course. The first part focuses on the remedial math credit, the second part focuses on the SDC statistics standards, while the third part provides students with the opportunity to earn an entry level college math credit while preparing them for college algebra. Students will have an opportunity to earn State Dual Credit upon successful completion of the State Statistics Challenge Exam.

## Statistics AP

G02H26 / HA515

Grade(s) / Prerequisite(s): Grades 10-12 only. Must have earned credit in (or be requesting) Algebra 2 H. Recommended to obtain at or above the 80th percentile on the last state Math exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course introduces probability and statistical concepts with applications to various disciplines using technological tools such as the TI 84 CE graphing calculator and Excel. Topics include descriptive statistics such as measures of central tendency, variation, and positions; probability includes simple probability, conditional probability and probability distributions; and inferential statistics includes estimation, confidence intervals, hypothesis testing, chi-square test and regression and correlation. Dual Enrollment is through Lee University.

## Statistics DE

G02H49 / HA518

Grade(s) / Prerequisite(s): Grade(s) / Prerequite(s) Grade 12 only. Must have a minimum 3.0 GPA, ACT Math Sub-score of 19 or better. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This senior course is an introduction to techniques for collecting, analyzing, and interpreting data. The primary emphasis is on the analysis of data sets to facilitate informed decision-making processes. Topics include sampling methods, summaries of data, descriptive statistics, probability, distributions, confidence intervals, correlation, and regression. Dual Enrollment is through Lee University.

## Physical Education \& Wellness

## Lifetime Fitness

Grade(s) / Prerequisite(s): Grades 9-12 only.
Credit(s): 1
Description: This course is designed for those seeking to improve their total body fitness. Students will work to develop an individual exercise program that will improve cardiorespiratory endurance, muscular strength, flexibility and lean body composition that can be used for a lifetime. Nutrition and healthy lifestyle choices will be emphasized. Be prepared to exercise on a daily basis. EXERCISE ENTHUSIASTS ONLY.

## Physical Education 1 (1/2 credit)

G08H01 / HA606

Grade(s) / Prerequisite(s): Grades 10-12. Must be taken along with Personal Finance ( $1 / 2$ credit). May not be repeated for more than $1 / 2$ credit.
Credit(s): 0.5
Description: This course is designed to meet the state requirement of $1 / 2$ credit in physical education. This course will consist of basic motor skills in fitness activities, individual/dual sports, team sports and cooperative games and activities. If students are engaged in extra-curricular activities, which require physical activity, the state allows "exemption" of this course.

Team Sports

Grade(s) / Prerequisite(s): Grades 9-12 only.

## Credit(s): 1

Description: This course is designed for those interested in the enhancement physical fitness and athletic skills. This course will develop student interest in sports, lifetime fitness, and the competitive spirit that is inherent in us all. Basic motor skills and knowledge of sports concepts are important tools in the development and continuation of an attitude of health and lifetime fitness. The following sports and skills may be covered during the course of the school year: badminton, volleyball, ultimate Frisbee, tennis, basketball, various other team sport games.

## Weight Training for Athletes (Females)

Grade(s) / Prerequisite(s): Grades 9-12. Must be a CHS athlete and placement by a coach. May be repeated for up to 3 credits.

## Credit(s): 1

Description: This course is designed for athletes that are seeking to improve their athletic performance. Emphasis will be placed on developing speed, strength, power and flexibility that is sport-specific for each individual. Nutrition and healthy body composition will be emphasized. Students are expected to exercise on a daily basis.

## Weight Training for Athletes (Males)

Grade(s) / Prerequisite(s): Grades 9-12. Must be a CHS Athlete and placement by coach. May be repeated for up to 3 credits.

## Credit(s): 1

Description: This course is designed for athletes that are seeking to improve their athletic performance. Emphasis will be placed on developing speed, strength, power and flexibility that is sport-specific for each individual. Nutrition and healthy body composition will be emphasized. Students are expected to exercise on a daily basis.

Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: In order to graduate from high school in the state of Tennessee all students must have a credit in Wellness. This course is designed with a comprehensive approach to improve overall health and wellness. Students will explore topics such as physical fitness, nutrition, weight management, sexuality, and substance abuse. Health content will be combined with daily exercise activities that will feature extensive practice and application of skills necessary to practice healthy behaviors for a lifetime.

Wellness (Males)

Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: In order to graduate from high school in the state of Tennessee all students must have a credit in Wellness. This course is designed with a comprehensive approach to improve overall health and wellness. Students will explore topics such as physical fitness, nutrition, weight management, sexuality, and substance abuse. Health content will be combined with daily exercise activities that will feature extensive practice and application of skills necessary to practice healthy behaviors for a lifetime.

## Wellness Weights (Females)

Grade(s) / Prerequisite(s): Grade 9 only. Must have medical release. Placement by Coach. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: In order to graduate from high school in the state of Tennessee all students must have a credit in Wellness. This course is designed with a comprehensive approach to improve overall health and wellness. Students will explore topics such as physical fitness, nutrition, weight management, sexuality, and substance abuse. Health content will be combined with daily exercise activities that will feature extensive practice and application of skills necessary to practice healthy behaviors for a lifetime. This class is for athletes only.

## Wellness Weights (Males)

Grade(s) / Prerequisite(s): Grade 9 only. Must have medical release. Placement by Coach. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: In order to graduate from high school in the state of Tennessee all students must have a credit in Wellness. This course is designed with a comprehensive approach to improve overall health and wellness. Students will explore topics such as physical fitness, nutrition, weight management, sexuality, and substance abuse. Health content will be combined with daily exercise activities that will feature extensive practice and application of skills necessary to practice healthy behaviors for a lifetime. This class is tailored for athletes.

## Aquatic Biology H (Scientific Research)

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12 only. Must have earned credit in Biology I (or Honors) AND either Chemistry 1 (or Honors) or Physics or AP Physics 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This is an interdisciplinary science course involving the study of water and aquatic organisms. Primary focus is on freshwater and marine ecosystems. Students will complete extensive research, laboratory, and fieldwork. Students will collaborate with various agencies and scientists in the community to complete research as well as community service projects. They will complete a scientific research project related to aquatic biology, write a scientific paper, develop a presentation of their research, and share their findings in a variety of formats.

## Biology 1

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 10 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Biology I is a laboratory science course that investigates the relationships between structure and function from molecules to organisms, the interdependence and interactions of biotic and abiotic components of the environment, and the mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. Embedded standards for Inquiry, Technology \& Engineering, and Mathematics are taught in context of the content standards for Cells, Interdependence, Flow of Matter and Energy, Heredity, and Biodiversity and Change. Students will take the state mandated End of Course Biology Exam.

Biology 1 Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

## Biology 1 H

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade (s) 9-10. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Honors Biology is offered for highly motivated science students. Independent work and critical thinking are essential in an honors class. The course includes studies in molecular and cellular biology, genetics, evolution, and ecology. Emphasis on lab processes and synthesis skills are major requirements. Students must take a standardized End of Course Biology Exam.

## Biology 2

G03H10 / HA704

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12 only. Must have earned credits in Biology 1 (or Honors) and Chemistry 1 (or Honors) or Physics or AP Physics 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Biology II is a laboratory science course in which students engage in an in-depth study of the principles of biology. This course emphasizes internal and external anatomical structures and their functions, the environmental interactions of organisms, processes of living things, mechanisms that maintain homeostasis, biodiversity, and changes in populations over time. Students explore biological concepts through an inquiry approach.

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Earned credits in Biology 1 (or Honors) and Chemistry 1 (or Honors). May not be repeated for more than 1 credit.

Credit(s): 1
Description: This course is designed for highly motivated students who will be required to take the AP Biology test as part of the course. Major areas covered in the course are molecules and cells, heredity and evolution, and organisms and populations. Primary emphasis is on developing a conceptual understanding of science as a process. Students will experience scientific inquiry, recognize unifying themes that integrate major topics in biology, and apply knowledge and critical thinking to environmental and social concerns. Thirty percent of the course is lab-oriented.

## Chemistry 1

G03H12 / HA706

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Chemistry 1 is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry-based approach. Embedded standards of Inquiry, Mathematics, and Technology \& Engineering are taught in context of the content standards for Atomic Structure, Matter and Energy, Structure, Interactions and States of Matter and Chemical Reactions.

Chemistry 1 Credit Recovery

## Grade(s) / Prerequisite(s):

## Credit(s): 1

Description:

## Chemistry 1 H

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 10-11. May not be repeated for more than 1 credit. Must have earned a credit in Algebra 1 or Geometry.

Credit(s): 1
Description: A college preparatory course for select students who are very interested in science and/or may be required to take demanding science courses in college. Areas of study are the same for those in Chemistry I but to a greater depth. In addition, the honors course will require the student to demonstrate his/her laboratory techniques to the class, be able to research, and do additional homework and/or projects.

## Chemistry AP

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credits in Chemistry 1 (or Honors) and Algebra 2 (or Honors). May not be repeated for more than 1 credit.

Credit(s): 1
Description: Students are required to register for and take the AP exam as part of this class. A comprehensive study of thermochemistry, chemical equilibrium, electrochemistry, nuclear chemistry, redox reactions, and reaction rates. This course offers a more detailed study into inorganic and organic chemistry with labs in both qualitative and quantitative analysis at an advanced level. The student who successfully masters Chemistry I will be able to do well on college advanced placement tests for Chemistry. Anyone interested in going to college and getting credits during high school while pursuing a career in a science related field will find Chemistry AP to be an exceptional background experience. Students who have successfully completed Chemistry I may choose to subsequently take AP Chemistry.

## Earth \& Space Science

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credits in Biology and Chemistry or Physics. May not be repeated for more than 1 credit.

Credit(s): 1
Description: The Earth and Space Science course examines the role of Earth's place in the universe, the interplay of Earth's systems, and the interrelationships between Earth's Systems and human activity. Inherent in this course is a look at how Earth has changed over time and the dynamics that continue to affect it. As events have impacts on the hydrosphere, biosphere, atmosphere, and geosphere, there are also sphere to sphere dynamics taking place in the short, medium, and long-term. This is a lab course that requires a minimum of $30 \%$ hands-on investigation, with an emphasis on important 21 st century critical thinking skills.

Environmental Science
G03H33 / HA711

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credits in Biology (or Honors) and Chemistry (or Honors) or Physics or Physics 1 AP. May not be repeated for more than 1 credit.

Credit(s): 1
Description: Environmental Science is a laboratory science course that enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Major topics include organisms and their role in ecosystem dynamics, air and water pollution, energy production, recycling, and waste management with emphasis on significant environmental issues at the local, national and global level. Laboratory activities blend biological and physical sciences.

## Environmental Science AP

G03H25 / HA712

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credit in Biology 1 (or Honors) and either Chemistry 1 (or Honors) or Physics or Physics 1 AP. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is designed for highly motivated students that will be required to take the AP exam as part of this course. Topics include Earth systems and resources, the living world, population, land and water use, energy resources and consumptions, pollution, and global change. Thirty percent of the course is lab-oriented including traditional lab work as well as field studies. Students will engage in project-based learning.

## Physical Science

G03H00 / HA713

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Physical Science is an introduction to physics and chemistry intended to prepare students for success in biology, chemistry, and physics. Mechanics of velocity, acceleration, gravity, and momentum are studied in connection with Newton's three laws of motion. Laws and principles that explain the behavior of liquids and gasses are introduced. Properties of matter, energy, the atomic theory, chemical symbols, the periodic table, and balancing chemical equations are covered. There is also an introduction to wave properties, energy transfer, and electricity. The course includes reference and research skills as well as laboratory activities which are an integral part of this course.

## Physical Science Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description: Physical Science is an introduction to physics and chemistry intended to prepare students for success in biology, chemistry, and physics. Mechanics of velocity, acceleration, gravity, and momentum are studied in connection with Newton's three laws of motion. Laws and principles that explain the behavior of liquids and gasses are introduced. Properties of matter, energy, the atomic theory, chemical symbols, the periodic table, and balancing chemical equations are covered. There is also an introduction to wave properties, energy transfer, and electricity. The course includes reference and research skills as well as laboratory activities which are an integral part of this course. This course is for students who did not pass Physical Science. The highest grade that can be earned in Credit Recovery is a 70\%.

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Geometry and Algebra 2 or Algebra 2 H. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Physics is a laboratory science course that examines the relationship between matter and energy and how they interact. This course will have a strong emphasis in the mathematics of physics and requires the use of Algebra and Trigonometric identities. Students explore physics concepts through an inquiry approach. Embedded standards for Inquiry, Technology \& Engineering, and Mathematics are taught through the study of mechanics, forces, vectors, two dimensional motion, momentum, energy, work, power and machines, thermodynamics, waves, light, optics, electricity and magnetism.

Physics 1 AP

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 10-12. Must have earned credit in Geometry and be enrolled or have earned a credit in Algebra 2 or Algebra 2 H. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is designed for highly motivated students that will be required to take the AP exam as part of this course. AP Physics 1 is an algebra-based, introductory college-level physics course built for students who have not taken Physics previously. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices.

## African American History

Grade(s) / Prerequisite(s): Grade 10-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: African American History is an elective course which students can choose to take. This course will cover a large variety of information including but not limited to, African Kingdoms, The Slave Trade, Jim Crow Laws, The Harlem Renaissance, The Civil Rights Movement, African Americans in the contemporary world and the many contributions of African Americans to past and modern societies.

## Ancient History

Grade(s) / Prerequisite(s): Grades 10-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Students will examine the social, geographic, religious, economic, and cultural aspects of major periods of ancient history from prehistoric times to 1500 CE. Students will explore the development of river valley civilizations, the Gupta Empire, the Roman Empire, Classical Greece, Islamic civilizations, American and African civilizations, and the Middle Ages through the beginnings of the Renaissance.

## Contemporary Issues

G04H17 / HA823

Grade(s) / Prerequisite(s): Grades 10-12 only. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course involves discussion and research on topics related to current events. Background information will be discussed concerning issues making headlines locally, nationally and around the world. Specific topics will vary each semester as they will be dependent on the daily news and major events happening at the time. Daily newspapers, video and other electronic media will be used as sources for the course.

## Economics (1/2 credit)

Grade(s) / Prerequisite(s): Grade 12 only. Must be taken along with Government ( $1 / 2$ credit). May not be repeated for more than $1 / 2$ credit.
Credit(s): 0.5
Description: This nine-week course is broken into three sections; Economic Principles, Economic Financial Foundations, and Government Spending and Revenue. Students will be introduced to, and discuss, various topics during each section. Special focus will be given to practical understanding of economic topics needed to become a productive, informed citizen.

## Economics Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 0.5

## Description:

## European History AP

Grade(s) / Prerequisite(s): Grade 10: May not be repeated for more than 1 credit

## Credit(s): 1

Description: This course is an intense study that begins with the Renaissance period (15th Century) and culminates with the end of the Cold War (20th Century). This course will stress college-level research skills, essay writing and historical analysis. All topics covered in this course prepare students for the AP exam in May. Students are required to register for and take the AP test as part of this class. Reimbursed with a score of 3 or higher. AP test fee of approx.\$94.

Grade(s) / Prerequisite(s): Grades 10-12 only. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Hollywood History offers students a unique way to view U.S. History through the Hollywood lens. Through film analysis, students will gain a new insight into the history of topics like war, civil rights, Native Americans, the West, and Immigration. In this course, we will analyze different historical events, how films reflect society, and whether films are a valid and accurate reflection of history. Students will receive a list of movies that we plan to watch in this course. Parent/Guardian must give written permission in order for students to watch movies in this course.

## Human Geography AP

Grade(s) / Prerequisite(s): Grade 9. May not be repeated for more than 1 credit

## Credit(s): 1

Description: The purpose of AP Human Geography is to introduce freshmen students to the rigors of an Advanced Placement class. The course is a systematic study of the patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Topics include population and migration, culture, political geography, agriculture, urban geography, and economic development. All topics covered in this course prepare students for the AP exam in May. Students are required to register for and take the AP exam as part of this class. This course meets the criteria set forth by the Cleveland High School for Honors designation. AP test fee of approx. $\$ 94$. Reimbursed with a score of 3 or higher.

## Psychology

G04H15 / HA816

Grade(s) / Prerequisite(s): Grades 9-12. May not be repeated for more than 1 credit.
Credit(s): 1
Description: The study of Psychology provides students with the abilities to explore human behavior in order to understand themselves and others. Psychology focuses on growth, development, learning behavior and the processes by which these components are evaluated.

## Psychology AP

Grade(s) / Prerequisite(s): Grades 10-12. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Psychology AP studies topics such as the brain and brain development, personalities, dreams, hypnosis, emotions, gender differences, abnormal psychology, the history of Psychology and Modern Psychology. All topics covered in this course prepare students for the AP exam in May. Students are required to register for and take the AP test as part of this class. This course meets the criteria set forth by the Cleveland High School for Honors designation. AP test fee of approx. $\$ 94$. Reimbursed with a score of 3 or higher

## U.S. Government (1/2 credit)

Grade(s) / Prerequisite(s): Grade 12 only. Must be taken along with, Macro or Economics ( $1 / 2$ credit). May not be repeated for more than $1 / 2$ credit.

Credit(s): 0.5
Description: This semester course introduces students to the study of Constitutional government in the United States. It will provide students with an understanding of how the Constitution came into existence, why it took the form it did and how it was functioned for the past 200 years. In this class, students are encouraged and will be better prepared to be active participants as citizens in our democratic society. Students must also take the U.S. Citizenship test during this nine weeks course and pass this test with a $70 \%$ or higher.

Grade(s) / Prerequisite(s): Grade 12 ONLY. Students in this course will also receive a half credit in Economics.

## Credit(s): 1

Description: Study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

## U.S. Government Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 0.5

## Description:

## U.S. History

Grade(s) / Prerequisite(s): Grade 11. Must have earned credit in World History \& Geography, AP Euro, or Human Geography AP. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Emphasis of the course is placed on the history of the nation since the end of Reconstruction through the election of 2016. Students will focus on the cause and effects relationships to discover the origins and evolution of our modern American culture. This course is required for graduation. Students enrolled in U.S History are required to take a Tennessee End of Course (EOC) exam that will count as their final exam grade.

## U.S. History AP

G04H21 / HA826

Grade(s) / Prerequisite(s): Grade 11. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The objective of this course is to increase the understanding of American/United States History from the first contacts to the relatively recent past. Advanced Placement U.S. History is a college-level introductory course which examines the nations,Ä̀̀ political, diplomatic, intellectual, cultural, social, and economic history from 1491 to the present. A variety of instructional approaches are employed and a college level textbook is supplemented by primary and secondary sources. Therefore, students will study course themes from a variety of perspectives in the hope of providing a balanced historical understanding of the United States. All topics covered in this course prepare students for the AP exam in May. Students are required to register for and take the AP test as part of this class. This course meets the criteria set forth by the Cleveland High School for Honors designation. Reimbursed with a score of 3 or higher. AP test fee of approx $\$ 94$.

## U.S. History Credit Recovery

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

## War and American Society

## Grade(s) / Prerequisite(s):

Credit(s): 1
Description: This course will examine the impact of war on American society from colonial times to the Cold War. The class will focus on political, social, cultural, and military themes. Special emphasis is placed on the Civil War and World War II. An express emphasis will be given to vocabulary and geography skills as well.

## Grade(s) / Prerequisite(s):

## Credit(s): 1

## Description:

## World History and Geography

Grade(s) / Prerequisite(s): Grade 10. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course provides students with the opportunity to look at the events and personalities that have shaped the contemporary world. Students will focus on such skills as identifying historical turning points and recognizing cause and effect relationships as they relate to world history. This course is required for graduation.

## AAD Algebra 1

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

| AAD Algebra 2 | S02H01 / HA936 |
| :--- | :--- |

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Applied Mathematics S02H03 / HA937

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Biology $1 \quad$ S03H02 / HA940

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Earth and Space Science

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Economics S04H03 / HA944

Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
AAD English 1
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD English 3
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD English 4

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

AAD Geometry

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Personal Finance
S25H02 / HA945

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD Physical Science
S03H00 / HA939

Grade(s) / Prerequisite(s):
Credit(s): 1
Description:
AAD U.S. Government
Grade(s) / Prerequisite(s):
Credit(s): 0.5
Description:
AAD U.S. History
Grade(s) / Prerequisite(s):
Credit(s): 1
Description:

Grade(s) / Prerequisite(s): Assigned by School Personnel.
Credit(s): 1

## Description:

## AAD World History and Geography

## Grade(s) / Prerequisite(s):

Credit(s): 1

## Description:

Adaptive PE S
Grade(s) / Prerequisite(s): Grades 9-12. Assigned by School Personnel. May be repeated for more than 1 credit.
Credit(s): 1

Description: Adapted Physical Education is physical education which has been adapted or modified, so that it is as appropriate for the person with a disability as it is for a person without a disability.

## Algebra 1 A S

Grade(s) / Prerequisite(s): Grade 9. Assigned by School Personnel. May not be repeated for more than 1 credit.
Credit(s): 1
Description:

## Algebra 1 B S

G02H04 / HA903
Grade(s) / Prerequisite(s): Grade 10 only. Assigned by School Personnel. Must have earned a credit in Algebra 1 A S. May not be repeated for more than 1 credit.

Credit(s): 1
Description:

## Alternate Assessment Algebra 1

S02H00 / HA990
Grade(s) / Prerequisite(s): Assigned by School Personnel.
Credit(s): 0
Description:

## Alternate Assessment Biology 1

Grade(s) / Prerequisite(s): Assigned by School Personnel.
Credit(s): 0

## Description:

## Grade(s) / Prerequisite(s):

Credit(s): 0

## Description:

Biology 1 A S
Grade(s) / Prerequisite(s): Grade 10 only. Must have earned a credit in (or be requesting) Physical Science. Assigned by School Personnel. May not be repeated for more than 1 credit.

Credit(s): 1
Description:
Biology 1 B S
G03H07 / HA906

Grade(s) / Prerequisite(s): Grade 11 only. Must have earned a credit in (or be requesting) Biology 1 A S. Assigned by School Personnel. May not be repeated for more than 1 credit.

Credit(s): 1
Description:
Blue University
S25X27 / HA929

Grade(s) / Prerequisite(s):
Credit(s): 1
Description: This course is a Special Education course to help our students learn the soft skills needed in order to succeed at the high school level.

CDC Team S
S25X27 / HA910

Grade(s) / Prerequisite(s): Grades 9-12. Assigned by School Personnel.
Credit(s): 1
Description:
ERC
G25H10 / HA926

Grade(s) / Prerequisite(s):
Credit(s): 0
Description:
Extended Resource S

Grade(s) / Prerequisite(s): Grades 9-12I. Assigned by School Personnel.

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Credit(s): }
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## Description:

Grade(s) / Prerequisite(s): Grade 11 only. Assigned by School Personnel
Credit(s): 1
Description:
Geometry B S
Grade(s) / Prerequisite(s): Grade 12 only. Assigned by School Personnel
Credit(s): 1
Description:
Math Intervention S25X27 / HA920

Grade(s) / Prerequisite(s): Assigned by School Personnel.
Credit(s): 0.5
Description:
Reading Intervention

Grade(s) / Prerequisite(s): Assigned by School Personnel.
Credit(s): 0.5
Description:

## Tennesse Valley Early College (TVEC)

## TVEC English 1

Grade(s) / Prerequisite(s): Grade 9 only. May not be repeated for more than 1 credit. Placement by acceptance into TVEC program.
Credit(s): 1
Description: English I emphasizes a basic review of grammar and End- of-Course Standards. Composition skills are emphasized by paragraph and essay writing. The literature study is a genre approach that includes short stories, drama, and nonfiction. Focus is on college writing.

## TVEC English 1 H

G01H09 / HAT02

Grade(s) / Prerequisite(s): Grade 9 only. Placement by acceptance into TVEC program. Must be above the 80th percentile on the previous state English exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This rigorous class is for students who are independently motivated and possess above-average language skills. Using AP strategies and vocabulary this course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students can deepen their understanding of how writers use language. Units of study include all genres with special emphasis on nonfiction. Each literature unit requires a project consisting of a written, visual and/or oral presentation. Composition and grammar skills are emphasized through each unit. Focus is on college writing.

## TVEC English 2

G01H10 / HAT13

Grade(s) / Prerequisite(s): Placement by TVEC Teacher. Grade 10 only. Should have earned credit (or be requesting) English 1 or English 1 H . May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This class emphasizes grammar usage through writing. Composition skills include narrative and expository essays with an introduction to persuasive writing. The literature study includes short stories, drama, poetry, and nonfiction.

## TVEC English 2 H

G01H10 / HAT14

Grade(s) / Prerequisite(s): Placement by TVEC Teacher. Grade 10 only. Must have earned credit in English 1 H . Must be above the 80th percentile on the previous state English exam. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: Students use the writing process to produce effective arguments that include primary and secondary sources. Students demonstrate complex syntax, advanced vocabulary, and increasingly accurate use of the conventions of written language. Students will read extensively in all genres from world literature. This rigorous class continues to emphasize AP strategies and vocabulary that will prepare students for the challenging reading and writing assignments in AP courses.

TVEC Freshman Year Seminar DE

Grade(s) / Prerequisite(s): Grade 9 only. Placed by School Personnel. May not be repeated for more than 1 credit.
Credit(s): 1
Description: Designed to improve academic skills, and life management skills. Topics include time management, note-taking, test taking strategies, library skills, campus resources, academic opportunities and policies, stress management, assertiveness, wellness, diversity and career exploration.

Grade(s) / Prerequisite(s): Grades 10-12 only. Must be taken in the same year with French 2 . May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is an introductory course designed for students with little or no previous study of French. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on all four language skills: reading, writing, speaking and listening, as well as the culture of the French-speaking world. At this level, an emphasis will be placed on reading and listening. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at a novicelow level progressing through to a novice-high level. This course will introduce students to high frequency words used in the French language. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of the language through all of the modalities.

## French 2

G24H22 / HAA02

Grade(s) / Prerequisite(s): Grades 10-12 only. Either earned a credit in French 1 or currently requesting French 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is designed for students who have successfully completed French 1 with the purpose of increasing proficiency in the French language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on all four language skills: reading, writing, speaking and listening, as well as the culture of the French-speaking world. Students will review and build on language and knowledge acquired in level 1. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at a novice-mid level progressing through to an intermediate-low level. This course will introduce students to high frequency words used in the French language. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of the language through all of the modalities.

## French 3 H

G 24 H 23 / HAA03

Grade(s) / Prerequisite(s): Grades 11-12 only. Either earned a credit in French 2 or currently requesting French 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This Pre-AP course is designed for students who have successfully completed French 2 who have an interest in advancing their proficiency in the French language beyond a basic level. This course teaches advanced language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on further developing all four language modalities: reading, writing, speaking and listening, as well as the culture of the French-speaking world. Students will review and build on language and knowledge acquired in levels 1 and 2. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at an intermediate-low level progressing through to an intermediate-mid level. This course will utilize high frequency words in the French language as a basis to acquire more advanced and specific language and grammatical structures. AP themes will be utilized in the organization of the course. Students will read leveled novels in French both as a whole group and individually. This course will be taught as part of an AP pathway with the intention of preparing students for French AP.

Grade(s) / Prerequisite(s): Grades 11-12 only. Either earned a credit in French 3 H or currently requesting French 3 H . May not be repeated for more than 1 credit.

Credit(s): 1
Description: The AP French Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. The course is organized into thematic units that include the following six required themes: Families and Communities, Personal and Public Identities, Beauty and Aesthetics, Science and Technology, Contemporary Life, and Global Challenges. Students will explore cultural topics to develop awareness and appreciation of cultural products, practices, and perspectives. Language structures will be addressed according to how they serve the communicative task and not as an end goal unto themselves. The course strives to promote both fluency and accuracy in language use and avoid overemphasis on grammatical accuracy at the expense of communication. The course is taught almost exclusively in French. All topics covered in this course prepare students for the AP exam in May. Students are required to register for and take the AP test as part of this class.

Senior Capstone: Spanish
G04H37 / HAA18

Grade(s) / Prerequisite(s): Grade 12 only. May not be repeated for more than 1 credit.
Credit(s): 1
Description: The Spanish Capstone project will have students building off of the Spanish 5 Portfolio Class, and focused on getting out into the community to assist in each student's interested field, as well as assisting in the elementary schools to help in ESL, and with necessary translation.

## Spanish 1

G24H04 / HAA09

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s) Grades 9-12 .May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is an introductory course designed for students with little or no previous study of Spanish. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on all four language skills: reading, writing, speaking and listening, as well as the culture of the Spanish-speaking world. At this level, an emphasis will be placed on reading and listening. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at a novicelow level progressing through to a novice-high level. This course will introduce students to high frequency words used in the Spanish language. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of the language through all of the modalities.

## Spanish 2

G24H05 / HAA10

Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s) Grades 9-12. Either earned a credit in Spanish 1. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This course is designed for students who have successfully completed Spanish 1 with the purpose of increasing proficiency in the Spanish language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on all four language skills: reading, writing, speaking and listening, as well as the culture of the Spanish-speaking world. Students will review and build on language and knowledge acquired in level 1. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at a novice-mid level progressing through to an intermediate-low level. This course will introduce students to high frequency words used in the Spanish language. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of the language through all of the modalities.

Grade(s) / Prerequisite(s): Grades 11-12 only. Either earned a credit in Spanish 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This honors course is designed for students who have successfully completed Spanish 2 who have an interest in advancing their proficiency in the Spanish language beyond a basic level. This course teaches advanced language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on further developing all four language modalities: reading, writing, speaking and listening, as well as the culture of the Spanish-speaking world. Students will review and build on language and knowledge acquired in levels 1 and 2. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at an intermediate-low level progressing through to an intermediate-mid level. This course will utilize high frequency words in the Spanish language as a basis to acquire more advanced and specific language and grammatical structures. AP themes will be utilized in the organization of the course. Students will read leveled novels in Spanish both as a whole group and individually. This course will be taught as part of an AP pathway with the intention of preparing students for Spanish 4 and Spanish AP.

## Spanish 4 H

G24H07 / HAA12

Grade(s) / Prerequisite(s): Prerequisite(s) Spanish 3 H
Credit(s): 1
Description: This Pre-AP course is designed for students who have successfully completed Spanish 3 Honors who have an interest in advancing their proficiency in the Spanish language beyond an intermediate level. This course teaches advanced language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on further developing all four language modalities: reading, writing, speaking and listening, as well as the culture of the Spanish-speaking world. Students will review and build on language and knowledge acquired in levels 1 through 3 . Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at an intermediate-low level progressing through to an intermediate-mid level. This course will utilize high frequency words in the Spanish language as a basis to acquire more advanced and specific language and grammatical structures. AP themes will be utilized in the organization of the course. Students will read leveled novels in Spanish both as a whole group and individually. This course will be taught as part of an AP pathway with the intention of preparing students for Spanish AP.

## Spanish 5 H

G24H50 / HAA13

Grade(s) / Prerequisite(s): Grades 11-12 only. Must have earned credit in (or be requesting) Spanish 4 H. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: The fifth year Spanish course at Cleveland High School is designed for the truly superior student who wants to excel in all areas of language study. The emphasis is on refinement of grammar and vocabulary through reading classical and modern literature in Spanish. Students are helped to identify specific areas of need and to work to overcome deficiencies in language skills through extensive reading and practice in all areas. Cultural enrichment is provided through the use of literature, video, music, television programming, and personal contact in the target language.

## Spanish AP Language \& Culture

G24H08 / HAA15

Grade(s) / Prerequisite(s): Grades 11-12 only. Either earned a credit in Spanish 3 H or currently requesting Spanish 3 H . May not be repeated for more than 1 credit.

Credit(s): 1
Description: The AP Spanish Language and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Spain, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), while honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the varying cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

Grade(s) / Prerequisite(s): These students have been placed in these classes based on their test scores. Students are not allowed to freely sign up for this class.

Credit(s): 1
Description: This course is designed specifically for students who were immersed or exposed to the Spanish language while growing up, but who have received little or no formal instruction in Spanish. The course is designed to build on the language base students already possess. The purpose of the course is to strengthen students' competence in the oral and written standard varieties of Spanish by building on their previous knowledge to expand their vocabulary, grammar, and achieve more confidence and fluency in speaking and writing while learning about the diversity of the Hispanic cultures. The primary purpose of the course is to develop reading and writing skills, although all four language skills (listening, speaking, reading, and writing) are emphasized through the comprehensible input approach. The skills acquired in this course will help reinforce students' bilingual abilities, develop biliteracy and cultural competence.

## Spanish for Heritage Speakers 2

G24H61 / HAA20

Grade(s) / Prerequisite(s): These students have been placed in these classes based on their test scores. Students are not allowed to freely sign up for this class.

## Credit(s): 1

Description: This course is designed specifically for students who have successfully completed Spanish for Heritage Speakers 1. This course is design with the purpose of increasing proficiency in the Spanish language.who were immersed or exposed to the Spanish language while growing up, but who have received little or no formal instruction in Spanish. The course is designed to build on the language base students already possess. The purpose of the course is to strengthen students' competence in the oral and written standard varieties of Spanish by building on their previous knowledge to expand their vocabulary, grammar, and achieve more confidence and fluency in speaking and writing while learning about the diversity of the Hispanic cultures. The primary purpose of the course is to develop reading and writing skills, although all four language skills (listening, speaking, reading, and writing) are emphasized through the comprehensible input approach. The skills acquired in this course will help reinforce students' bilingual abilities, develop biliteracy and cultural competence.

## Spanish for Heritage Speakers 3 H

G24H62 / HAA21H

Grade(s) / Prerequisite(s): Grades 10-12 only. Either earned a credit in Spanish for Heritage Speakers 2 or currently requesting Spanish for Heritage Speakers 2. May not be repeated for more than 1 credit.

## Credit(s): 1

Description: This honors course is designed for students who have successfully completed Spanish for Heritage Speakers 2 who have an interest in advancing their proficiency in the Spanish language beyond a basic level. This course teaches advanced language patterns and vocabulary. Repetition and comprehensible input are important components of this course. The focus is on further developing all four language modalities: reading, writing, speaking and listening, as well as the culture of the Spanish-speaking world. Students will review and build on language and knowledge acquired in levels 1 and 2. Each unit will introduce a cultural topic and the language needed to understand and discuss this topic at an intermediate-low level progressing through to an intermediate-mid level. This course will utilize high frequency words in the Spanish language as a basis to acquire more advanced and specific language and grammatical structures. AP themes will be utilized in the organization of the course. Students will read leveled novels in Spanish both as a whole group and individually. This course will be taught as part of an AP pathway with the intention of preparing students for Spanish 4 and Spanish AP.


[^0]:    Grade(s) / Prerequisite(s): Grade(s) / Prerequisite(s): Grades 11-12. Must have earned credit in (or be requesting) Art 3. May be repeated for up to 3 credits.

    ## Credit(s): 1

