



Warrensville Heights High School

PROGRAM OF STUDIES
Warrensville Heights High School



Information for Parents and Students

Donald J. Jolly II
Superintendent

Sabrina Dyson
Principal



Approved by:
The Warrensville Heights City Schools Board of Education
January 2025

Earl Roberts – President

Keith Fuller – Vice President

Ray Freeman – Board Member

Millicent Gaiter– Board Member

Barbara Mumin – Board Member

Table of Contents

Mission Statement.....	4
General Information.....	5
Tiger Tracks.....	7
Roadmap to Graduation.....	16
What it Takes to Earn an Ohio Diploma.....	17
WHHS Four Year Program Outline.....	19
Academic Awards.....	20
State of Ohio Honors Program.....	22
Academic Programs.....	23
Eligibility Requirements for Interscholastic/Extracurricular Participation.....	27
NCAA Divisions I & II Eligibility Requirements.....	28
English Language Arts.....	29
Mathematics.....	37
Science.....	42
Social Studies.....	47
Foreign Language.....	53
Business & Technology.....	55
Health & Physical Education.....	59
Unified Arts.....	61
Career & Technical Education.....	65
Credit Flexibility Information.....	85

Warrensville Heights High School

MISSION STATEMENT

Warrensville Heights High School, in partnership with students, parents, and the community, will provide a quality education for all students in a safe and orderly environment, fostering creative and independent thinking so that students will become productive and functional citizens in a global society.

SCHOOL COLORS

Blue and Gold

SCHOOL MASCOT

Warren the Tiger

SCHOOL MOTTO

“Proud to be a Tiger”

SCHOOL ALMA MATER

You nurture us in confidence and care
to go into the world and be prepared
to be successful and to live our truth
empowered by the strength that comes from you

O, Warrensville high, forever in our hearts, you are the reason for our pride
We're Tigers for life

The blue and gold, running through our veins, we'll bear your name and lift you high
We're Tigers for life.

GENERAL INFORMATION

PLANNING YOUR SCHEDULE

Planning your schedule for high school requires yearly self-appraisal. You must examine your interests and goals. In order to select a program of study appropriate for future career and/or educational plans, it is necessary to use this guide. This guide lists requirements for graduation, course descriptions, and other pertinent information needed to plan a high school program of study.

The principal has the ultimate authority to change course placement decisions for all students. This booklet is to be taken home for the information of both students and parents. All course selection sheets must be approved and signed by the student and parents. The student should return a completed and signed selection form to his or her counselor. The school reserves the right to schedule those students who fail to promptly return the selection sheet.

GUIDANCE COUNSELING SERVICES

Guidance Counselors provide opportunities for students as individuals or in groups to discuss feelings, attitudes, goals and problems in a confidential and supportive environment. Counselors confer with parents and teachers regarding the academic progress of students. Counselors provide materials and help students and their families learn about course selection, Ohio Graduation testing, careers, training opportunities, technical schools and colleges for further education, financial aid and scholarships. Information and the description of the college entrance examinations (ACT and SAT) are available to students. An official record of credits, grades, and test scores will be maintained at WHHS.

Read the enclosed material carefully and thoughtfully. Students and parents are encouraged to utilize the services of the guidance staff for assistance and specific information that may be needed. Please call (216) 230-2614 to arrange a conference with a guidance counselor regarding questions or programs.

SPECIAL EDUCATIONAL SERVICES

Classes have been designed for those students who have special needs that have been identified by the school psychologist. Students who have perceptual and/or developmental disabilities will be educated in accordance with their disabilities. Students who have been receiving special educational services will have their class schedules adjusted to accommodate their needs as prescribed by the Individualized Education Program (IEP).

COURSE OFFERINGS

The principal has the ultimate authority to change course placement decisions for all students. Please also note that any courses listed are subject to change based on student enrollment, district finances, and other circumstances.

COURSE SELECTION PROCEDURES

Review all requirements for graduation. Read the information given about each department. Study the High School 4 Year Planner, which suggests course patterns that lead to specific career goals. Use your Credit Check Sheet and complete the course selection sheet, paying particular attention to graduation requirements.

COURSE CHANGES

Students and their parents should carefully consider schedule choices at course selection time, rather than after the school year begins. The student and parent are urged not to plan a program with the idea that it can be changed. Once a student selects his/her courses (verified by parents) the Guidance Department **will not** initiate a schedule change unless a compelling educational reason exists. No Changes will occur unless:

- There is a technical error in the scheduling process
- It is clear that the student is academically misplaced
- Irresolvable conflicts

These types of changes should be completed within the first three weeks of the school year.

ADDING A COURSE

Since there are a specific number of class hours that must be met in order to obtain credit for a class, students are only allowed to add a class if their schedule permits and if the addition occurs during the first three weeks of each semester. Adding a course requires the approval of the guidance counselor and teacher with the stipulation that all missed work must be made up before the end of the interim grading period.

DROPPING A COURSE

Students may not drop any course or courses that will result in a class load of less than seven courses per semester. **After the third week of each semester, no student will be allowed to drop a class from his or her schedule.** Class schedule changes will only be considered in the case of extreme circumstances and the following procedures will be followed:

- 1) A conference between the counselor, teacher, parent and student must be held.
- 2) If permission is granted and the request is after the interim grading period, the student will receive a grade of "F" for the semester and the grade will be used in ranking.
- 3) If permission is granted before the interim grading period, the class dropped will be recorded as a withdrawal and will not appear on the permanent record.
- 4) Administration reserves the right to make the final determination in all academic situations.

NOTE: Career and Technical Education programs will not be dropped. These state funded programs are staffed on the basis of student enrollment. Enrollment must remain firm to maintain eligibility for state funds. It is understood, therefore, that a student who has applied for and been accepted into a Career and Technical Education program has made a commitment, confirmed by his or her parents.

CHOOSING THE APPROPRIATE TIGER TRACK

Warrensville Heights High School is proud to offer multiple student-choice driven pathways to engage students of all levels of achievement and offer students an opportunity to explore STEAM, Career & Technical Education Fields, Health Science & Public Safety, Early College, and Business and Law. These programs increase student engagement, student achievement, and ultimately, college and career readiness. Each Tiger Track offers many opportunities to earn college credit through College Credit Plus and Advance Placement opportunities.

1. STEAM (Science, Technology, Engineering, Arts, Math)
2. Health Science & Public Safety
3. Early College (CCP)
4. Business and Law
5. CTE (Career Technical Education)

Tiger Tracks

Warrensville Heights High School

Overview

Warrensville Heights High School is proud to offer multiple student-choice driven pathways to engage students of all levels of achievement, and offer students an opportunity through the use of 21st century skills to explore STEAM, Health Science & Law, Early College, Business, and the Career Technical Education fields. These programs increase student engagement, student achievement, and ultimately, college and career readiness while fostering life-long learning. Each Tiger Track offers many opportunities to earn college credit through College Credit Plus and Advance Placement opportunities.

Function

Students enrolled in Warrensville Heights High School's Tiger Tracks Programs will become:

Problem Solvers—able to collaborate with peers to define questions and problems, design investigations to gather data, collect and organize data, draw conclusions, and then apply understandings to new and novel situations.

Innovators — creatively use science, mathematics, and technology concepts and principles by applying them to the engineering design process.

Inventors — recognize the needs of the world and creatively design, test, redesign, and then implement solutions (engineering process).

Self-Reliant — able to use initiative and self-motivation to set agendas, develop and gain self-confidence, and work within time specified time frames.

Logical Thinkers — able to apply rational and logical thought processes of science, mathematics, and engineering design to innovation and invention.

Technologically Literate — understand and explain the nature of technology, develop the skills needed to apply technology in appropriate situations.

High quality tracks engage students at all levels of achievement in moving forward to postsecondary education and/or career training.

Tiger Tracks Offered

STEAM
Health Sciences
& Public Safety
Early College
Business & Law
Career
Technical
Education (CTE)

Tiger Tracks

STEAM Track

STEAM (Science, Technology, Engineering, Arts, Math)

Is this pathway for you?

Are you mechanically inclined? Are you interested in computers? Are you interested in the medical field? This is one of the fastest growing and most interesting fields in today's job market. Are you interested in analyzing, designing, and implementing solutions to problems in science? Does the idea of working in a lab energize you? Do you enjoy robotics, architecture, math, the arts, or science? Then this just might be the career path for you.

Career Categories

• Engineering (Civil, Mechanical, Chemical, Electrical) • Engineering Management • Environmental Specialist • Aerospace Engineering	• Coding & Programming • Web Design • Computer Scientist • Informational Technology • Actuary	• Mathematician • Energy Analyst • Medical Devices & Imaging • Musician • Vocal Performer	• Physicist • Geologist • Choreographer • Fashion Designer • Photographer • Play-write
--	---	---	---

	9 th	10 th	11 th	12 th
English	English I Honors English I	English II Honors English II	English III AP Language & Composition KAP African American Literature	English IV AP Literature African American Literature KAP African American Literature
Mathematics	Algebra I Honors Algebra Honors Geometry	Geometry Honors Geometry Honors Algebra II	Algebra II Honors Algebra II Honors Pre-Calculus	Pre-Calculus Honors Pre-Calculus AP Calculus Calculus Transition to College Math Quantitative Literacy Statistics Advanced Functions, Statistics, and Trigonometry
Social Studies	World History Honors World History	US History AP US History	Government KAP Government Financial Literacy	African American History

Science	Physical Science Honors Biology	Biology Honors Chemistry	Environmental Science Anatomy & Physiology Chemistry	Anatomy & Physiology Honors Physics Chemistry
PE/Health/Careers	Physical Education Career Search	Health		
Electives	Am. Sign Language I,II,&III Art I & II Astronomy Ceramics I & II Band Choir Music Appreciation	Computer Programming Honors Computer Program Principles Concert/Marching Band Drawing I & II KAP Drawing	Fashion Illustration Information Tech. Painting I Photography Principles of Engineering Introduction to Eng Design Digital Engineering	Forensics Spanish I,II,&III Speech and Debate Zoology Website Design I Website Design II

Tiger Tracks



Is this pathway for you?

Are you interested in serving other people in the field of medicine or law? Do you enjoy learning how the human body works? Have you always had an interest in working in the medical field? Have you always envisioned yourself working in a court setting? Do you have a desire to be a lawyer, judge, or a court reporter? Perhaps you have always wanted to serve as a police officer or as a special agent in the Federal Bureau of Investigations? If these questions speak to you, then this just might be the career path for you.

Career Categories

• Surgeon • Anesthesiologist • EMT • STNA • Radiologist • Physician • Registered Nurse	• Nurse Practitioner • Physician's Assistant • Pharmacist • Veterinarian • Physical Therapist • Psychiatrist • Correction Officer	• Defense Attorney • Prosecutor • Judge • Court Reporter • Bailiff • Private Investigator • Correction Officer	• Private Security Officer • Crime Scene Investigator • Parole Officer • Police Officer • Detective • Federal Marshall • Fire Fighter
--	---	--	---

	9 th	10 th	11 th	12 th
English	English I Honors English I	English II Honors English II	English III AP Language & Composition ENG1010* KAP African American Literature	English IV AP Literature African American Literature ENG 1020* KAP African American Literature
Mathematics	Algebra I Honors Algebra Honors Geometry	Geometry Honors Geometry Honors Algebra II	Algebra II Honors Algebra II Honors Pre-Calculus	Quantitative Literacy Honors Pre-Calculus AP Calculus Calculus Transition to College Math Statistics Advanced Functions, Statistics, and Trigonometry
Social Studies	World History Honors World History	US History AP US History	Government KAP Government Financial Literacy	African American History
Science	Physical Science Honors Biology	Biology Honors Chemistry	Environmental Science Anatomy & Physiology Chemistry	Honors Physics Anatomy & Physiology Chemistry Bio 1050 or 1100* Chem1010*
PE/Health/Careers	Physical Education Career Search	Health		
Electives	Am. Sign Language I,II,&III Research Microbiology *Medical Terminology Psychology	*Health Professions Food Safety Sociology Biomedical Science Human Body Systems	Forensics Mythology Mock Trial Weight Lifting	Spanish I,II,&III Speech and Debate

* = CCP Course

Tiger Tracks

Early College

Is this pathway for you?

Are you not sure of a career path? Do you want to explore your options with a variety of college course offerings? Are you passionate about learning and exploring different ideas rather than preparing for a specific career? Are you unsure if you want to go to a two or four year college, or pursue another type of career? Choosing this track is one way to prepare for a world in which new and unexpected careers are invented every day and at the same time, fulfill elective requirements for your Freshman and Sophomore years of College.

Career Categories

● Art ● Auto CAD and Solidworks ● Accounting ● Anthropology ● Applied Industrial Technology	● Counseling ● Environmental Health and Safety Technology ● Hospitality Management ● Human Services ● History	● Health Careers ● Game Design ● Information Technology ● Public Service ● Sociology ● Web Design and Development Certificate	● Science ● Sports and Exercise Science ● Speech and Communication ● Attend two-year college ● Transfer to specialized track (see College Catalog)	
	9 th	10 th	11 th	12 th
English	*ENG 1010 English I	*ENG 1020 English II	AP Language & Composition	AP Literature & Composition *ENG 2510
Mathematics	Honors Geometry	Honors Algebra II	Honors Pre-Calculus	*MATH 1240
Social Studies	Honors World History	AP US History HIS 1520*	KAP Government African American History Financial Literacy *POL 1010	see select courses based on student goals and HS requirements
Science	Honors Biology	Honors Chemistry	Honors Physics Anatomy & Physiology *BIO 1050 or 1100	Honors Physics see select courses based on student goals and HS requirements
PE/Health/Careers	Physical Education Career Search	Health		
Electives	Art Speech*	*Career Planning *Psychology	Spanish I,II,&III *Sociology	

* = CCP

Tiger Tracks

Business & Law

Is this pathway for you?

Are you interested in a business career? Do you plan to own your own business in the future? Do economics, math, and business law interest you? Does the idea of being an entrepreneur excite you? Do you want to be prepared to work in a variety of settings such as business, government, nonprofit organizations and more? The business and law track might be the right step for you.

Career Categories

• Business Administration • Entrepreneur • Marketing • Accounting • Economics	• Compensation Analysis • Retail Sales • Finance • International Business • Real Estate • Human Resources	• Business Communications • Network Administrator • Automotive Retail • Tax Compliance Officer • Attorney At Law	• Systems Management • Payroll Director • Cost Engineer • Bank Examiner • FBI Agent
---	--	--	---

	9 th	10 th	11 th	12 th
English	English I Honors English I	English II Honors English II	English III AP Language & Composition KAP African American Literature	English IV AP Literature & Composition African American Literature KAP African American Literature
Mathematics	Algebra I Honors Algebra Honors Geometry	Geometry Honors Geometry Honors Algebra II	Algebra II Honors Algebra II Honors Pre-Calculus	Pre-Calculus Honors Pre-Calculus AP Calculus Calculus Quantitative Literacy Transition to College Math Statistics Advanced Functions, Statistics, and Trigonometry
Social Studies	World History Honors World History	US History AP US History	Government KAP Government Financial Literacy	African American History
Science	Physical Science	Biology	Environmental Science	Anatomy & Physiology

	Honors Biology	Honors Chemistry	Anatomy & Physiology Chemistry	Honors Physics Chemistry
PE/Health/Careers	Physical Education Career Search	Health		
Electives	Accounting Am. Sign Language I, II, III Business Law Business Foundations	Criminology Economics Entrepreneurship Financial Management Mock Trial	Intro. to Business Intern/Practicum* Journalism Media Bias & Society	Spanish I, II, III Speech and Debate Street Law

* = CCP

Tiger Tracks

Career Technical Track

Is this pathway for you?

Do you already have a field in which you are interested? Are you more oriented toward a specific career or technical occupation? Do you like to work with your hands? Would you like to have a certification or license in a field by the time you are done with high school?

Career Categories

• Audio Engineering • Auto Technology • Business & Administration • Arts & Communication • BioMedical Science	• Clinical Health Careers (State Tested Nursing Assistant) • Computer Networking • Cosmetology • Construction Technology • Criminal Justice	• Education & Training • Engineering Science & Technology • Exercise Science • Firefighter/EMT • Graphic Imaging • Health Science • Human Services	• Information Technology • Law & Public Safety • Marketing Education • Pharmacy Technician • Transportation Systems
---	---	--	---

	9 th	10 th	11 th	12 th
English	English I Honors English I	English II Honors English II	English III AP Language & Composition	English IV AP Literature
Mathematics	Algebra I Honors Algebra Honors Geometry	Geometry Honors Geometry Honors Algebra II	Algebra II Honors Algebra II Honors Pre-Calculus	Pre-Calculus Honors Pre-Calculus AP Calculus Transition to College Math Quantitative Literacy Statistics Advanced Functions, Statistics, and Trigonometry
Social Studies	World History Honors World History	US History AP US History	Government KAP Government Financial Literacy	
Science	Physical Science Honors Biology	Biology Honors Chemistry	Environmental Science Anatomy & Physiology Chemistry	
PE/Health/Careers	Physical Education	Health		

	Career Search			
Electives	Intro to Graphics Intro to Culinary Intro to Law and Public Safety Career Connections Fine Art/Electives from any other Track	Intro to Graphics Intro to Culinary Intro to Law and Public Safety Career Connections Fine Art/Electives from any other Track	Programs in the Heights Consortium	Program in the Heights Consortium

WARRENSVILLE HEIGHTS HIGH SCHOOL ROADMAP TO GRADUATION

Current Graduation Requirements			Recommended Credits	
Subject	Credits	Additional Stipulations & Explanations	State of Ohio Universities	More Selective
English	4	Must include 9th, 10th, 11th, and 12th grade English.	4	4
Mathematics*	4	Mathematics units must include 1 unit of Algebra II or the equivalent of Algebra II.	4	4
Science	3	1 credit in Physical Science. 1 credit in Biology. Total of 3 lab sciences.	3	4
Social Studies	3	1 credit in World History. 1 credit in U.S. History. 1 credit in American Government.	3	4
Physical Education	1/2	9th graders take two 1/4 credit semesters. 10th graders take two 1/4 credit semesters. P.E. Medical excuses do not reduce total credits for graduation. The Ohio Core allows school districts to adopt a policy that would exempt students who participate in interscholastic athletics, band or cheerleading for two full seasons from the P.E requirement. Students must take another course of at least 60 contact hours in its place.	.5	.5
Health	1/2	Ohio requirement; usually taken in 10th grade.	.5	.5
Unified Arts	1	Most colleges require one credit in Unified Arts. (Unified Arts = Music, Theatre, Art, and Photo)	1	1
Foreign Language	0	Most colleges require at least two years of one language. Honors Diplomas require 2 years each of two different languages or 3 years of one language taken during high school. Highly selective colleges prefer four years of one language.	2 3 preferred	4
Elective	4	Must include ½ Credit of African American Literature or History (Exemption for CTE and CCP students). Freshman entering the Fall of 2022 and beyond must include ½ Credit of Financial Literacy.		

Total	20	Additional Diploma Requirement: Minimum of 18 graduation points from end-of-course assessments, or remediation-free score on a national college admissions test. <i>College admissions test will be administered for free in Junior year.</i> Earn a State Board of Education-approved, industry-recognized credential or a state issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment. Community Service: Service hours are not required, but are encouraged.		
		<i>*Algebra I credit earned at the middle school count towards graduation.</i>		

Ohio High School Graduation Requirements

Complete Ohio Course Requirements:

Course	State Minimum
English Language Arts	4 units
Health	1/2 unit
Mathematics	4 units
Physical Education	1/2 unit
Science	3 units
Social Studies	3 units
Electives	5 units
Required Electives:	
African-American History or African-American Literature	1/2 unit
Fine Arts	1 unit
Financial Literacy	1/2 unit

All students must also meet the following requirements:

COMPETENCY

Earn a passing score on end- of-course state exams.

- Algebra I
- English II

READINESS

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

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

State Seals

- OhioMeansJobs Readiness Seal (Ohio)

- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)

Local Seals

- Community Service Seal
 - *Each student will need to complete 40 hours of community service. It is recommended that students complete 10 hours per year.*
- Fine and Performing Arts Seal
 - *Each student will need to complete 2 credit hours in fine/performing arts and complete an art resume/product/production from either the highest level arts course. Grades can be no less than a B-.*
- Student Engagement Seal
 - *Each student will need to complete 4 seasons of sports/2 quarters for clubs/activities in a non-academic credited course.*

GRADE CLASSIFICATION

Students will be classified by grades according to the number of credits they have accumulated. The minimum credits for grade classification will be as follows:

10th Grade 5.25 credits

11th Grade 10.50 credits

12th Grade 15.75 credits

COURSE LOAD REQUIREMENTS

A student should be aware of his/her personal progress each year, so graduation can be attained. In order to make satisfactory progress toward receiving a diploma each student must pass a minimum of **5.25 credits per year**. The high school staff will make every effort to keep up-to-date records and to keep students and parents informed about what information they need to compile, and the coursework they need to monitor to meet graduation requirements. However, **it is the student's responsibility to be acquainted with the necessary requirements to meet the criteria for graduation.** Informational assemblies are held and information is sent home with students to review with their parents/guardians.

REQUIRED SUBJECTS

Required subjects must be taken during the school year at Warrensville Heights High School. Students who fail a required course during the school year should arrange to repeat the course in Summer School or during Credit Recovery.

MINIMUM GRADUATION REQUIREMENTS

The Warrensville Heights Board of Education requires a minimum of twenty (20) credits for graduation. A credit is based on a Carnegie unit, which is equal to 120 hours of instructional time.

Summer School credits and credits earned during Credit Recovery will be accepted toward graduation providing administrative approval has been given. Application of these credits towards graduation must follow Ohio Department of Education Minimum Standards. The district will accept credits earned toward graduation from another school. The Board assumes that at the time of graduation, each student will have fulfilled all academic and financial obligations.

HONORS/AP COURSES

Honors/AP courses are designed to provide an in-depth, rigorous program of studies. Admittance into these courses is made by one or more of the following: teacher recommendation, gifted assessments, or standardized test results. To remain in one of these courses, students must maintain a semester grade of “C” or better. Failure to do so will lead to the removal of the student from the course(s).

EARLY GRADUATION

Students are encouraged to take advantage of the full term of their secondary school career by attending Warrensville Heights High School for eight semesters. However, if there are unusual circumstances, a student may complete an application for early completion of graduation requirements prior to registering for the third year.

WARRENSVILLE HEIGHTS HIGH SCHOOL **FOUR – YEAR PROGRAM OUTLINE**

The four-year plan below is provided to assist students and parents in planning the four-year program of studies. Included are subjects that are required by the State of Ohio and the Warrensville Heights Board of Education. Note that these are suggested **minimum course loads** and should only be used as a guide in your planning. Specific course selection and course loads should be determined by individual needs, abilities, and interests.

9th Grade	Credits		10th Grade	Credits
English I	1 Credit		English II	1 Credit
World History	1 Credit		English Intervention	1 Credit
Algebra I	1 Credit		U.S. History	1 Credit
Physical Science	1 Credit		Geometry	1 Credit
Freshman Seminar/Elective	1 Credit		Biology	1 Credit
Math Intervention	1 Credit		Fine Art	1 Credit
Physical Education	.5 Credit		African American History or Literature	.5 Credit
Health	.5 Credit		Financial Literacy	.5 Credit

11th Grade	Credits	12th Grade	Credits
English III	1 Credit	English IV	1 Credit
Government	1 Credit	4 th year of Math	1 Credit
Algebra II	1 Credit	Elective	3 Credit
3 rd Year of Science	1 Credit		
Elective	3 Credits		
		*any graduation required courses not completed in previous years	

ACADEMIC AWARDS

HONOR ROLL/MERIT ROLL

High Honor Roll/Honor Roll/Merit Roll will be computed for each semester. The following procedures will be utilized in determining High Honor Roll/Honor Roll/Merit Roll status: a student will achieve High Honor Roll status by earning a 4.0 or higher GPA for that semester. Honor Roll status by earning a 3.5-3.99 GPA for that semester. Merit Roll status is achieved by earning a 3.0-3.49 GPA for that semester. Additionally, students must not fail any course.

NATIONAL HONOR SOCIETY

The National Honor Society (NHS) is a service organization founded to bestow recognition on junior and senior students who have demonstrated exemplary accomplishments in the areas of scholarship, leadership, character and service. Students do not apply for membership, but are invited to apply based on having a cumulative GPA of 3.5 or higher by the end of the second semester of the sophomore year (for juniors) or junior year (for seniors). New students to the school need to be in attendance for one semester before qualifying for National Honor Society.

Students who have met the GPA requirement are notified by mail that they are eligible to become candidates for membership. An information meeting for all candidates is held in order to outline the application process.

The Membership Process:

1. Candidates must complete and submit an application of activities and service hours by the deadline date on the application. A minimum of 40 hours of service for juniors and 60 hours of documented service for seniors is required before the application due date.

2. The NHS faculty advisor receives a document, which informs him/her of each student's GPA, Leadership Positions, Service Activities, and Community Services.
3. The NHS Faculty Advisory Committee then considers the strength of each candidate. The committee then selects the membership.
4. Candidates are informed in writing of their membership status, immediately following the NHS Faculty Advisory Committee meeting which is held in the spring.

NHS guidelines state that membership is a privilege, not a right. Students are informed prior to candidacy that the NHS Faculty Advisory Committee is prohibited from sharing any information regarding the selection process.

STATE OF OHIO HONORS PROGRAMS

In accordance with Ohio Department of Education regulations, students must fulfill all but one criterion.

Criterion	Academic Diploma with Honors	Career-Technical Diploma with Honors	STEM Honors Diploma	Arts Honors Diploma	Social Sciences & Civic Engagement Diploma
English	4 Units	4 Units	4 Units	4 Units	4 Units
Mathematics	4 Units including Algebra I, Geometry, Algebra II and another higher level course	4 Units including Algebra I, Geometry, Algebra II and another higher level course	5 Units including Algebra I, Geometry, Algebra II and another higher level course	4 Units including Algebra I, Geometry, Algebra II and another higher level course	4 Units including Algebra I, Geometry, Algebra II and another higher level course
Science	4 Units including Chemistry and Physics	4 Units including Chemistry and Physics	5 Units including Chemistry and Physics	3 Units including Chemistry and Physics	3 Units including Chemistry and Physics
Social Studies	4 Units	4 Units	3 Units	3 Units	5 Units
World Languages	3 Units, including at least 2 units in each language studied	N/A	N/A	N/A	N/A
Fine Arts	1 Unit	N/A	1 Unit	4 Unit	1 Unit
Electives	N/A	4 Units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.	2 Units with a focus in STEM courses	2 Units with a focus in Fine Arts course work	2 Units with a focus in social sciences and/or civics.
Grade Point Average	3.5 on a 4.0 point scale (unweighted)	3.5 on a 4.0 point scale (unweighted)	3.5 on a 4.0 point scale (unweighted)	3.5 on a 4.0 point scale (unweighted)	3.5 on a 4.0 point scale (unweighted)
ACT/SAT/WorkKeys	27 ACT Composite 1280 SAT (Critical Reading + Math)	27 ACT Composite 1280 SAT (Critical Reading + Math) 6 Reading & 6 Math on WorkKeys	27 ACT Composite 1280 SAT (Critical Reading + Math)	27 ACT Composite 1280 SAT (Critical Reading + Math)	27 ACT Composite 1280 SAT (Critical Reading + Math)
Field Experiences	N/A	Complete an internship or apprenticeship and portfolio on their field experiences.	Complete an internship or apprenticeship and portfolio on their field experiences.	Complete an internship or apprenticeship and portfolio on their field experiences.	Complete an internship or apprenticeship and portfolio on their field experiences.

Portfolio	N/A	Develop a comprehensive portfolio of work based on the student's field experience that is reviewed and validated by external experts.	Develop a comprehensive portfolio of work based on the student's field experience that is reviewed and validated by external experts.	Develop a comprehensive portfolio of work based on the student's field experience that is reviewed and validated by external experts.	Develop a comprehensive portfolio of work based on the student's field experience that is reviewed and validated by external experts.
Additional Assessments	N/A	Earn an industry recognized credential or achieve proficiency benchmark for appropriate Ohio Career Technical Competency Assessment or equivalent.	N/A	N/A	N/A

ACADEMIC PROGRAMS

COLLEGE CREDIT PLUS

College Credit Plus allows students the opportunity to gain high school and college credit by taking classes at a local college or university with which the Warrensville Heights City School District has a formal College Credit Plus agreement. Warrensville Heights City School District will enter into agreements with local institutions of higher learning that will allow students to complete courses to earn college credit. Students must be enrolled in both high school and college, and will earn transcribed high school and college credit upon course completion.

Students earn college credit for free, which is a tremendous cost savings toward a college education. College Credit Plus offers a selection of courses and areas of study not normally available to high school students. Through Transfer Assurance Guarantees, students may confirm that coursework taken through College Credit Plus may transfer to any Ohio public institution. See your guidance counselor for more information.

CAREER TECHNICAL EDUCATION PROGRAMS (HEIGHTS CONSORTIUM)

Warrensville Heights High School is part of a state approved Career Technical Education Program with Cleveland Heights High School, Shaker Heights High School, Maple Heights High School, and Bedford Heights High School. Warrensville Heights High School students participating in programs in this Career Technical Education Program may attend classes at these schools.

Career Technical Education provides relevant purpose and meaning to education by relating career tech prep to occupational goals. It provides students with appropriate attitudes, technical knowledge, and work skills necessary for employment and a work ethic that contributes to a satisfying and productive life. In addition, students are provided with opportunities for learning experiences designed to promote desirable behavioral changes and an appreciation for technology in the workplace. Each student will be provided with sufficient educational and world-of-work opportunities to maximize their capacity for success in their chosen field of endeavor.

Career Technical Education offers an exciting option defined by the combination of strong academic and technical education. The Heights Career Technical Consortium offers a variety of intensive and cooperative classes.

Intensive courses involve training in a designated skill area leading to a full array of post high school options, including college. For a more detailed description of all Career Technical Courses please refer to the course description section of this book.

CREDIT FLEXIBILITY

Credit Flexibility is a program that allows students to earn high school credits in non-traditional ways. Students may pursue educational options such as online courses, independent study, internships, service learning, research-based projects, dual credit college-high school programs, distance learning, and educational travel in addition to testing out or demonstrating mastery learning in specific course content. Students choosing to earn high school credit through a credit flexibility option should discuss this option with their parents, teachers, and counselor prior to completing an application. There are deadlines associated with Credit Flexibility. More information is available on the Ohio Department of Education website: www.ode.state.oh.us type “Credit Flex” in the search box.

SUMMER SCHOOL/CREDIT RECOVERY

All summer school or credit recovery work, whether taken at Warrensville Heights High School or elsewhere, must have prior approval of the student’s counselor. In granting credit for a remedial or review course in summer school, both the original mark and the summer school marks are used in computing a student’s class rank. The mark earned in summer school will appear on the student’s transcript.

Students may take a summer school course at another approved public school only if approved by the counselor. The course taken must be offered as a part of our District’s program.

CREDIT RECOVERY via Ohio State Tests/End of Course Exams

Credit can be awarded for a score of proficiency or above on the Ohio State Test. The course must be completely attempted before the credit can be awarded.

GRADE POINT AVERAGE AND CLASS RANK

Although most courses are year-long, students will earn final grades and credits each semester. These semester grades and credits will appear on the transcript. A student’s high school grade point average (GPA) and class rank begins with grades earned for ninth grade credit and includes all subsequent work taken while in high school. All grades are used to compute GPA unless a class is repeated to achieve a higher passing grade. Honors, AP, CCP, and CTAG classes are enhanced one (1) grade point. All others are not weighted.

The following quality points will be used to calculate the GPA given to a student and used for class rank:

Grade	Regular Scale	Honors/AP/CCP/CTAG Scale
A	4 Points	5 Points
A-	3.7 Points	4.7 Points
B+	3.3 Points	4.3 Points
B	3 Points	4 Points
B-	2.7 Points	3.7 Points
C+	2.3 Points	3.3 Points

C	2 Points	3 Points
C-	1.7 Points	2.7 Points
D+	1.3 Points	2.3 points
D	1 Point	2 points
D-	.7 Points	1.7 points
F	0 Points	0 Points

GRADING POLICY

The school year is made up of four marking periods of approximately nine weeks each. Students receive grade reports at the conclusion of each marking period. In addition, Interim Progress Reports will be available online through Infinite Campus.

Marks represent the teacher's judgment of the student's achievement based on performance measures. Grades are based on the following:

Grade	Percentages
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	63-66%
D-	60-62%
F	59% and below

If a grade of Incomplete (I) is given for the semester, the work must be completed either during the first three weeks of the next semester or in summer school in order for credit to be given.

PROGRESS REPORTS

An interim report will be available online through Infinite Campus. The progress report is generally available halfway through each of the four grading periods. Parents/guardians are encouraged to contact teachers for further information or for further explanation of the comments listed.

REPORT CARDS

The report card provides a picture of the students' achievement and attendance record. Report cards will be available online at the end of each semester. A cumulative transcript will be mailed home at the end of each school year. The final grade for each course is determined by the average of the nine weeks' grades and final examinations.

REPEAT OF COURSES FOR CREDIT

Students are expected to successfully complete course work during the school year in which they are enrolled. Should a student fail a course, that student should make up the course during summer school or through credit recovery in order to obtain the credit missed. Documentation of successful completion of a course must be received from an authorized school before credit is issued. **It is the parent(s)/student's responsibility to make sure that the Counselor receives successful completion information as soon as it is available so that the student will be correctly scheduled for the next year.**

Students will not be permitted to take courses that have a prerequisite of an earlier sequenced course. A student may only receive credit for a course one time. If repeating a course for the improvement of a previous passing grade, both grades will appear on the transcript but the higher grade will be utilized in the computation of the GPA. Credit toward graduation will be counted only once.

ELIGIBILITY REQUIREMENTS FOR INTERSCHOLASTIC/EXTRA-CURRICULAR PARTICIPATION

One of the primary goals of the Warrensville Heights City Schools District is to assist in the total development of the individual. To achieve this end, the WHCSD offers not only a rigorous academic program to develop young minds, but also a varied and comprehensive array of extracurricular activities to develop a well-rounded individual. To assure that the appropriate time and effort be spent in these areas, the Warrensville Heights Board of Education has adopted a policy to determine a student's eligibility to participate in interscholastic extracurricular activities.

OHSAA MINIMUM ACADEMIC REQUIREMENT

In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediate preceding grading period. **During the preceding grading period, the student must have received passing grades in a minimum of five (5) one-credit courses or the equivalent, each of which counts toward graduation.**

WHCSD MINIMUM ACADEMIC REQUIREMENT

All WHCSD students are required to maintain a GPA of 2.0 or better on their quarterly report card.

***Please note the following information**

- Freshmen must have passed five (5) classes in the fourth quarter of the eighth grade.
- Students in grades 9-12 must **carry and pass** five credits.
- **Summer school coursework does not count toward 1st quarter eligibility.**
- **First quarter eligibility is strictly based on 4th quarter grades of the prior school year.**

NCAA DIVISIONS I & II INITIAL-ELIGIBILITY REQUIREMENTS

Division I – College-bound student-athletes enrolling full time at a NCAA Division 1 college or university may fall into any of the following categories:

1. A **Full Qualifier** is a student who can practice, receive athletic aid/scholarship, and compete in his/her first year.
2. A student who is deemed **Academic Redshirt** is one who receives athletic aid in the first year, practices during the first regular term, but does not compete in the first year.
3. A **Non-Qualifier** is a student who receives no aid, does not practice, and does not compete in the first year.

A Full Qualifier will need to meet the following requirements to **receive athletic aid, practice and compete** in his/her first year:

- **16 core courses in the following areas:**
 - 4 years English;
 - 3 years math at Algebra 1 level or higher;
 - 2 years natural or physical science (one lab if offered at any high school attended);
 - 1 year additional English , Math or Natural/Physical science;
 - 2 years Social Science; and
 - 4 years additional from areas above or foreign language, philosophy or comparative religion
- **Seven of the 10 core courses must be English, math or natural or physical science.**
- Have a minimum core-course grade point average of 2.300;
- Grades earned in the 10 courses required before the seventh semester are “locked in” for purposes of grade point average calculations.
- A repeat of any of the “locked in” courses will not be used to improve the grade point average if the repeat occurs after the seventh semester begins.
- Meet the sliding scale of grade point average and ACT/SAT score; and
- Graduate from high school.

Academic requirements for freshmen participating in NCAA (Division II) sports include:

- Graduation from high school
- Complete these 16 core courses*:
 - 3 years English;
 - 2 years math at Algebra 1 level or higher;
 - 2 years Natural or Physical Science (one lab if offered at any high school attended);
 - 3 additional years of English, Math or Natural/Physical Science;
 - 2 years Social Science;
 - 4 years of extra core courses (from any category above, a world language, non-doctrinal religion/philosophy)
- Earn a 2.00 grade point average or better in your core courses; and
- Earn a combined SAT score of 820 or an ACT sum score of 68. (There is no sliding scale in Division II.)

In addition to the above standards, you must complete the application for the NCAA Eligibility Center at http://web3.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp. Please see your guidance counselor for further details. It is the student athlete’s responsibility to initiate confirmation with their counselor that they are meeting NCAA course requirements and enrolled in approved NCAA courses. NCAA eligibility is indicated for each course in the Program of Studies.

**ENGLISH LANGUAGE ARTS
Required Courses**

9 th	10 th	11 th	12 th
English I	English II	English III African American Literature	English IV
Honors English I	Honors English II	Honors English III AP English Language & Composition African American Literature	Honors English IV AP English Literature & Composition

**ENGLISH LANGUAGE ARTS
Elective Courses**

Grade Level	Course Title	Credits
9-12	Drama I	.50
9-12	Drama II	.50
9-12	Journalism	.50
11-12	African American Literature	.50
11-12	Mythology	.50
10-12	Media Bias in Society	.50
10-12	Newspaper Journalism	.50
9-12	Poetry	.50
9-12	Speech & Debate	.50
12	Senior Seminar	.50

ENGLISH I (ENG119/129)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th

NCAA Approved Course: Yes

Students enrolled in this course will develop reading, writing, thinking, speaking, and listening skills by demonstrating the ability to read independently and comprehend literature, including fiction, non-fiction, plays and poetry. Students will explore the works of several authors including William Shakespeare, William Blake, Charlotte Brontë, Langston Hughes, Toni Morrison, Phillis Wheatley, and Sharon Draper. Students will write journal responses as well as argumentative, expository and analytical essays to respond to literature and other writing prompts.

HONORS ENGLISH I (ENG110/120)

Credits: 1.0

Prerequisite: Teacher recommendation

Grade Level(s): 9th

NCAA Approved Course: Yes

Students enrolled in this course will work at an accelerated pace. This course covers a variety of genres in both literature and writing. Authors and texts will include *The Pact* by Jodi Picoult, *Of Mice and Men* by John Steinbeck, *Makes Me Wanna Holler* by Nathan McCall, and *Things Fall Apart* by Chinua Achebe as well as a number of other works. Students will demonstrate the ability to read independently and be motivated to write analytically about assigned reading selections. Students will write argumentative, expository and analytical essays.

ENGLISH II (ENG219/229)

Credits: 1.0

Prerequisite: English I

Grade Level(s): 10th

NCAA Approved Course: Yes

Students will develop reading, writing, thinking, speaking, listening and mechanical skills by demonstrating the ability to read independently and comprehend literature, including fiction, non-fiction, plays and poetry. Students will explore the works of several authors including William Shakespeare, Jack Kinney, W.W. Jacobs, O. Henry, and Edgar Allan Poe. Students will analyze complex characters over the course of a text as well as identify forms of figurative language and determine an author's purpose for choices of particular literary techniques.

HONORS ENGLISH II (ENG210/220)

Credits: 1.0

Prerequisite: English I and Teacher recommendation

Grade Level(s): 10th

NCAA Approved Course: Yes

Students enrolled in this course will work at an accelerated pace, continuing from Honors English 1. They will demonstrate the ability to speak and write using Standard English speaking and writing conventions with accuracy and precision. Students will read and analyze samples of works by a variety of major American authors in order to recognize and analyze literary techniques. Students will participate in at least two (2) research activities where they will demonstrate the ability to gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information into a writing product that avoids plagiarism.

ENGLISH III (ENG 319/329)

Credits: 1.0

Prerequisite: English II

Grade Level(s): 11th

NCAA Approved Course: Yes

Students enrolled in this course will develop reading, writing, thinking, speaking, listening, and mechanic skills by demonstrating the ability to read independently and comprehend literature. This chronological survey of American literature will include a variety of genres including poetry, fiction, non-fiction and drama. Students will explore the works of several prominent American authors and figures including the Iroquois and Navajo Native American storytellers, Anne Bradstreet, William Bradford, Arthur Miller, Nathaniel Hawthorne, Abraham Lincoln, Emily Dickinson, Kate Chopin, F. Scott Fitzgerald, Richard Wright, Dr. Martin Luther King Jr., Anne Tyler and Joyce Carol Oates. Students will also complete a resume, a cover letter, a career narrative, and an employability skills narrative in preparation for the Career Passport, which is to be submitted upon high school graduation.

HONORS ENGLISH III (ENG310/320)

Credits: 1.0

Prerequisite: English II and teacher recommendation

Grade Level(s): 11th

NCAA Approved Course: Yes

Students enrolled in this course will work at an accelerated pace continuing from Honors English II. Students will be introduced to the principles of American studies through the exploration of American History and culture from the 1940s through the 1960s. The emphasis will be to seek to understand the nature of American society in that critical period through the study of the struggle for political reform, the role of women, the civil rights movement, and the counterculture. Guest lecturers, films and student presentations will complement this course. Students are also expected to complete the course with the ability to analyze literature critically and develop writing products that demonstrate that ability.

AP ENGLISH LANGUAGE & COMPOSITION (ENG510/520)

Credits: 1.0

Prerequisite: Honors English III or AP Literature & Composition

Grade Level(s): 11th

NCAA Approved Course: Yes

This course provides an opportunity for talented students to develop college-level reading and writing skills. Students will study prose written in a variety of periods and consider the effects of language choices on audience. Students will learn to recognize and apply rhetorical strategies in analytical, argumentative, and narrative writings. This course can result in college placement credit for successful candidates. All students will participate in the Advanced Placement examination in May.

ENGLISH IV (ENG419/429)

Credit: 1.0

Prerequisite: English III

Grade Level(s): 12th

NCAA Approved Course: Yes

Students enrolled in this course will develop reading, writing, thinking, speaking, listening, and mechanic skills by demonstrating the ability to read independently and comprehend literature. Literature will include a variety of genres such as poetry, fiction, non-fiction and drama. Students will explore the works of several major British authors including the Beowulf poet of the Anglo-Saxon literary tradition, Geoffrey Chaucer, William Shakespeare, Lord George Byron, Percy Shelley and John Keats. Upon completion of this course, students are expected to demonstrate the ability to identify types of propaganda, analyze literature critically, and demonstrate knowledge of a variety of genres.

HONORS ENGLISH IV (ENG410/420)

Credits: 1.0

Prerequisite: English III and teacher recommendation

Grade Level(s): 12th

NCAA Approved Course: Yes

Students enrolled in this course will work at an accelerated pace, continuing from Honors English III (KAP: American Literature). This course is designed to explore the origins of the English Language. Heavy emphasis will be placed on interpreting and analyzing major works of British literature. Students will review the chronology of English literature as well as major authors. Students will also analyze, interpret and respond to major works of the period using Standard English. All students will participate in a minimum of five (5) research activities using multiple sources and standard documentation. Students will be required to read a minimum of six novels and/or Shakespearean plays, including *Macbeth* and *Hamlet* in addition to the class text.

AP LITERATURE & COMPOSITION (ENG610/620)

Credits: 1.0

Prerequisite: Honors English I & II and teacher recommendation

Grade Level(s): 12th

NCAA Approved Course: Yes

Students will read, analyze and evaluate the literature of England's authors from its origins through the twenty-first century. Students will respond in writing to the literature with in-depth interpretations of the author's attitude toward his/her works and the time periods represented. Students will be expected to independently read, review,

and respond to literature through individual as well as group projects, essays, research papers and journals. At the culmination of the course, all students enrolled in AP English Literature and Composition will take the National Advanced Placement Examination with the intent of passing the test and earning college freshman English credit.

AFRICAN AMERICAN LITERATURE (ENG601)

Credits: 0.5

Prerequisite: None

Grade Level(s): 11th - 12th

NCAA Approved Course: Yes

This course will survey African American literature from the 1700s to the present. Beginning with Frederick Douglass and Malcolm X, we will examine the relationship between race and writing by asking: What role has writing by African Americans played in the fight for political freedom and equality? How has that writing changed over time—stylistically or otherwise—to reflect the different political needs of its historical moment? How has that writing been shaped by different ways of thinking about race? How has race, in turn, been shaped or constructed by that writing? How do representations of gender and sexuality participate in a literary construction of race? We will examine texts that represent African-Americans throughout the centuries and their struggle to find life, liberty, and the pursuit of happiness in the land of the free.

DRAMA I (DRA119)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: No

Students enrolled in this course will be involved in a variety of performance activities including developing imagination, concentration, observation, characterization, improvisation, rhythm, and personal style. This course will also provide the opportunity to develop a visual sense of stage movement. Pantomime is used to develop observation skills, create mood, character as well as non-verbal communication.

DRAMA II (DRA129)

Credits: 0.5

Prerequisite: Drama I

Grade Level(s): 9th - 12th grade

NCAA Approved Course: No

This is an accelerated course meant for the student who is interested in pursuing acting or theatrical work as a college or career choice. Emphasis will be placed on each student's development as an actor. In this course students will explore the various careers available in the theater on an individual level. Students will work independently, with the instructor's guidance, to complete college applications and auditions. Students will also complete class performances and projects. Skills essential to survival as an actor will be emphasized. The nuts and bolts of the profession, such as casting calls, auditions, headshots and cold readings will be explored.

JOURNALISM I - INTRODUCTION TO JOURNALISM (ENG101)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th -12th

NCAA Approved Course: Yes

Students learn the basics of newspaper production. Units of study include school press law and ethics, layout and design, basic photography, basic publication technology, journalistic research, interviewing, plant preparation, and advertising. Students are introduced to publication software. Students will begin to write articles that could be used in the school newspaper.

KAP AFRICAN AMERICAN LITERATURE (HIS175)

Credits: 0.5

Prerequisite: None

Grade Level(s): 11th -12th

NCAA Approved Course: No

This course will be an examination of the enslaved millions and their free black fellows--who they were, how they lived, and how the nation was transformed by their presence and experience. Particular attention will be paid to the varieties of African American experience and how slavery and the presence of peoples of African descent shaped American social, political, intellectual and economic systems. Students will be presented with a variety of primary and secondary source materials; timely and careful reading of these sources will prepare students for class discussions. Students will be confronted with conflicting bodies of evidence and challenged to analyze these issues and arrive at conclusions for themselves.

KAP AMERICAN STUDIES (ENG700)

Credits: 0.5

Prerequisite: Honors English II, Teacher recommendation

Grade Level(s): 11th - 12th

NCAA Approved Course: Yes

Students enrolled in this course will work at an accelerated pace continuing from Honors English 2. Students will be introduced to the principles of American studies through the exploration of American History and culture from the 1940s through the 1960s. The emphasis will be to seek to understand the nature of American society in that critical period through the study of the struggle for political reform, the role of women, the civil rights movement, and the counterculture. Guest lecturers, films and student presentations will complement this course. Students are also expected to complete the course with the ability to analyze literature critically and develop writing products that demonstrate that ability.

MEDIA BIAS IN SOCIETY (ENG 201)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th - 12th

NCAA Approved Course: No

The purpose of this course is to explore the role of print and electronic media in our own decision making process. In doing so, we will assess the media's impacts on everything from the clothes we buy to the people we vote for, and what impact the media has on our ability to make a truly informed decision. Special attention will be paid to the portrayal of political issues, criminal acts, clothing brands, and celebrity status through the use of film, television, radio, music, billboards, bumper stickers, slogans, newspapers, and websites.

MYTHOLOGY (ENG102)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th -12th

NCAA Approved Course: Yes

This course is a study of the Greek/Roman, Norse, and Arthurian mythologies. It focuses on how a mythology reflects the culture of the people and offers a rational explanation of natural and scientific phenomena. The class concerns itself with the god structures, stories, and ideas expressed in these mythologies. Common motifs and themes are identified.

NEWSPAPER JOURNALISM (ENG 202/203)

Credits: 1.0

Prerequisite: Journalism I or Teacher recommendation

Grade Level(s): 10th - 12th

NCAA Approved Course: No

Students serve as staff writers and page editors for the school newspaper. Units of study expand upon those introduced in Journalism I and add online publication, polls and statistics, and newspaper evaluation. Students use publication software to produce the school newspaper.

POETRY (ENG 103)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: Yes

Students enrolled in this course will explore a variety of poets including Robert Frost, Maya Angelou, Paul Laurence Dunbar, Countee Cullen, and Gwendolyn Brooks. They will study their works for the purpose of learning how to apply poetic devices to a variety of poetic forms. Students will analyze the speaker, setting, theme, mood, and tone of poetry. They will write couplets, quatrains, cinquains, alphabet poems, diamante poems, haikus, free verse, sonnets and ballads to include in a portfolio and/or a class publication.

SPEECH & DEBATE (ENG105)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: Yes

This course will encompass a study and practice of principles in strategic, confident, and credible public speaking and debates skills. It includes a variety of oral presentations: special occasion, personal experience, impromptu panel discussion, both informative and persuasive. The focus will be on anxiety management, speech organization research and support, communication ethics, diverse audiences, listening skills and dynamic delivery.

SENIOR SEMINAR (ENG500)

Credits: 0.5

Prerequisite: None

Grade Level(s): 12th

NCAA Approved Course: No

This is designed as a topical course that covers the different aspects of English Language Arts. Instruction will be centered around the standards in Ohio's Learning Standards for English Language Arts.

MATHEMATICS
Required Core Courses

9th	10th	11th	12th
Algebra I/ Honors Algebra I	Geometry/ Honors Geometry	Algebra II/ Honors Algebra II	Pre-Calculus/ Honors Pre-Calculus
Honors Geometry	Honors Algebra II	Honors Pre-Calculus	AP Calculus

MATHEMATICS
Elective Courses

Grade	Course Title	Credit
12	Advanced Functions, Statistics, & Trigonometry	1.0
12	Statistics	1.0
12	Transition to College Math	1.0
11-12	Quantitative Literacy	1.0

ALGEBRA I (MTH119/129)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th

NCAA Approved Course: Yes

Algebra I will provide students with foundational algebraic skills and develop abstract thinking. Students will enhance their understanding of mathematical language, the real number system, linear and nonlinear equations, inequalities, polynomial equations and functions. Students will explore graphs of various relations and functions, techniques for simplifying algebraic expressions, factoring polynomials, and solving various types of equations and inequalities including systems of equations. Students will need a scientific calculator for this course.

HONORS ALGEBRA I (MTH110/120)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th

NCAA Approved Course: Yes

Algebra I will provide students with foundational algebraic skills and develop abstract thinking. Students will enhance their understanding of mathematical language, the real number system, linear and nonlinear equations, inequalities, polynomial equations and functions. Students will explore graphs of various relations and functions, techniques for simplifying algebraic expressions, factoring polynomials, and solving various types of equations and inequalities including systems of equations. Students will need a scientific calculator for this course.

GEOMETRY (MTH219/229)

Credits: 1.0

Prerequisite: Algebra I

Grade Level(s): 9th & 10th

NCAA Approved Course: Yes

Students will develop logical reasoning skills. Topics will include proof writing, properties of triangles, congruency, similarity, circles, polygons, constructions, modeling with geometry, area, volume, coordinate geometry, conic sections, and trigonometric relationships. Students will need a scientific calculator for this course.

HONORS GEOMETRY (MTH210/220)

Credits: 1.0

Prerequisite: Algebra I and teacher recommendation

Grade Level(s): 9th & 10th

NCAA Approved Course: Yes

Emphasis will be placed on writing proofs using inductive and deductive reasoning. Topics include properties of triangles, congruency, similarity, circles, polygons, constructions, modeling with geometry, area, volume, locus relations, coordinate geometry, conic sections, and trigonometric relationships including Law of Sines and Cosines.

Students will continue to develop logical and analytical thinking. Students will need a scientific calculator for this course.

ALGEBRA II (MTH319/329)

Credits: 1.0

Prerequisite: Geometry

Grade Level(s): 10th- 11th

NCAA Approved Course: Yes

This course is designed to build on algebraic and geometric concepts. It develops advanced algebraic skills such as operations with polynomials, linear equations, solving systems of equations, inequalities, matrices, quadratic equations, exponential and logarithmic functions, trigonometry, conic sections, and graphing skills. Students will need a scientific calculator for this course.

HONORS ALGEBRA II (MTH310/320)

Credits: 1.0

Prerequisite: Geometry and teacher recommendation

Grade Level(s): 10th & 11th

NCAA Approved Course: Yes

In Honors Algebra II, emphasis will be placed on preparation for advanced mathematics. Students will use a graphing calculator to explore multiple representations of mathematical concepts. Topics covered include first and second-degree equations, linear inequalities, matrices, and systems of equations, exponential and logarithmic equations, and trigonometry. Students will need a graphing calculator for this course.

PRE-CALCULUS (MTH401/402)

Credits: 1.0

Prerequisite: Algebra II and teacher recommendation

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

Pre-calculus completes the formal study of the elementary functions begun in Algebra I and Algebra II. Topics include modeling and problem solving involving data analysis, probability and statistics, trigonometric functions and graphs, the unit circle, circular functions, inverse functions, polar coordinates, complex numbers, conics, quadratic relations, the Binomial Theorem, sequences and series, matrices, and vectors. Students will need a graphing calculator for this course.

HONORS PRE-CALCULUS (MTH410/420)

Credits: 1.0

Prerequisite: Algebra II and teacher recommendation

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

Pre-calculus completes the formal study of the elementary functions begun in Algebra I and Algebra II. The fourth course in a four-year sequence which addresses advanced content in Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability, and/or the conceptual underpinnings of calculus.

CALCULUS

Credits: 1.0

Prerequisite: Pre-Calculus and teacher recommendation.

Grade Level(s): 12th

NCAA Approved Course: No

A formal study of topics from calculus includes the study of limit, series, and differentiation and integration. Emphasis is placed on application rather than theory. Knowledge of algebra, geometry, and trigonometry is essential for the study of calculus and are essential prerequisites for this course.

AP CALCULUS AB (MTH610/620)

Credits: 1.0

Prerequisite: Pre-Calculus and teacher recommendation.

Grade Level(s): 12th

NCAA Approved Course: Yes

Advanced Placement Calculus is a course that requires a student to learn the fundamental concepts and mathematics of calculus and to recognize and formulate connections between topics. It is expected from this course that students will gain mathematical skill, as well as understanding and use of technology to help them be successful in further mathematics classes and in their future careers. Students are expected to think hard, try different approaches to problems, and enjoy seeing their understanding of mathematics grow.

QUANTITATIVE LITERACY (MTH419/429)

Credits: 1.0

Prerequisite: Algebra II

Grade Level(s): 12th

NCAA Approved Course: No

Quantitative Literacy is designed to enhance students' abilities in mathematical decision making and financial literacy. Emphasis is placed on mathematical aspects of savings and investment, loans and credit, budgeting, chance decision making, and starting a business. Topics will include interests, risk analysis, linear programming, and data analysis.

STATISTICS (MTH439/449)

Credits: 1.0

Prerequisite: Algebra II and teacher recommendation.

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

This course is an introduction to probability and statistics with emphasis on techniques and applications that are useful in business, engineering, social and biological sciences. Students taking this course have successfully completed Algebra II and are seeking to complete a college prep math course.

TRANSITION TO COLLEGE MATH (MTH459/MTH469)

Credits: 1.0

Prerequisite: Algebra

Grade Level(s): 12th

NCAA Approved Course: No

This course emphasizes an understanding of math concepts, as opposed to memorizing facts. Math Ready students learn the context behind procedures and come to understand the “whys” of using certain formulas or methods to solve a problem. By engaging students in real-world applications, this course develops critical-thinking skills that students will use in college and careers.

ADVANCED FUNCTIONS, STATISTICS, & TRIGONOMETRY (MTH519/529)

Credits: 1.0

Prerequisite: Algebra II

Grade Level(s): 12th

NCAA Approved Course: Yes

This course completes the study of elementary functions and begins the study of advanced equations and functions, building on algebraic statistics, trigonometric functions and graphs, the unit circle, circular functions, inverse functions, exponential and logarithmic functions, the Binomial Theorem, sequences and series, matrices and vectors.

SCIENCE
Required Core Courses

9th	10th	11th	12th
Physical Science	Biology	Chemistry	Anatomy & Physiology
Honors Biology	Honors Biology	Anatomy & Physiology	Physics
	Honors Chemistry	Environmental Science	AP Biology
		Physics	Honors Physics
		Honors Physics	
		AP Biology	

SCIENCE
Elective Courses

Grade	Course Title	Credit
9-12	Astronomy	.50
10-12	Forensics	.50
9-12	Geology	.50
10-12	Zoology	.50

PHYSICAL SCIENCE (SCI119/129)

Credits: 1.0

Prerequisite: None

Grade Level: 9th

NCAA Approved Course: Yes

This is an introductory course to fundamental concepts of geology, astronomy, chemistry, and physics. The content and scientific lab skills mastered in this course prepares students for future science courses. This class meets the state requirement for a physical science course and is a lab-based science course.

BIOLOGY (SCI219/229)

Credits: 1.0

Prerequisite: Physical Science

Grade Level(s): 9th & 10th

NCAA Approved Course: Yes

Biology is the study of living organisms: how they evolved and continue to evolve in their environments through mechanisms of genetics and heredity. Students will learn how different organisms interact with one another, and function on cellular and large-scale level. This course meets the 10th grade life science state science standard requirements. This is a lab-based course.

HONORS BIOLOGY (SCI110/210)

Credits: 1.0

Prerequisite: Physical Science or Teacher recommendation

Grade Level(s): 9th & 10th

NCAA Approved Course: Yes

This course is intended for advanced college preparatory students. Biology is the study of living organisms, how they evolved and continue to evolve in their environments through mechanisms of genetics and heredity. Biology concepts with an emphasis on projects, research, and challenging labs focused on teamwork and critical thinking in biology honors class.

AP Biology (SCI 610/620)

Credits: 1.0

Prerequisite: Biology/HonorsBiology or Teacher recommendation

Grade Level(s): 11th & 12th

NCAA Approved Course: No

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

HONOR'S ANATOMY & PHYSIOLOGY (SCI303/304)

Credits: 1.0

Prerequisite: Biology

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

This is an introductory course that takes an in-depth look at human cells, tissues, and body systems such as: skeletal, muscular, integumentary, nervous, immune, respiratory, circulatory, and the digestive system. This class requires a great deal of memorization and retention of biological terms. Some comparative anatomy to other organisms is also included to better understand human anatomy evolution. Dissection of various mammalian organs is required for hands-on lab experience. This is a lab-based science course.

CHEMISTRY (SCI319/329)

Credits: 1.0

Prerequisite: Biology

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

Chemistry is the study of matter and its properties, the changes that matter undergoes, and the energy associated with those changes. In this course students will learn how elements, different types of ions, and compounds interact with one another as a result of their unique structure and properties in chemical reactions. Students will also gain insight into how chemists classify matter, elements, and compounds, and develop higher thinking skills to solve chemical problems. This is a lab-based science course.

HONORS CHEMISTRY (SCI310/320)

Credits: 1.0

Prerequisite: (Honors) Biology and Teacher recommendation

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

Chemistry is the study of matter and its properties, the changes that matter undergoes, and the energy associated with those changes. In this course students learn how elements, different types of ions, and compounds interact with one another as a result of their unique structure and properties in chemical reactions. Students will also gain insight into how chemists classify matter, elements, and compounds, and develop higher thinking skills to solve simple to complex chemical problems. There is an emphasis on projects, research, and challenging labs focused on teamwork and critical thinking in chemistry honors class. This is a lab-based science course.

ENVIRONMENTAL SCIENCE (SCI359/369)

Credits: 1.0

Prerequisite: Physical Science and Biology

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

Environmental science is a branch of science focused on human interaction with the environment as well as basic concepts of ecology, biology, and the history of the human population on Earth. Since the study of the environment consists of the study of the biosphere (the Earth), hydrosphere (bodies of water), and the atmosphere, there are a variety of scientific topics intertwined in this course. Some of these topics are: the energy cycle, geology, food webs, evolution, and the ecology of different ecosystems on the Earth with regards to human impact on biodiversity. This is a lab-based science course.

PHYSICS (SCI419/429)

Credits: 1.0

Prerequisite: Chemistry

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

This course includes inquiry-based laboratory experiences that engage students in asking valid scientific questions and gathering and analyzing information. This course elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

HONORS PHYSICS (SCI410/420)

Credits: 1.0

Prerequisite: Passage of Chemistry and Algebra II with a “C” or better.

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

Physics is the study of the physical universe. Every phenomenon around us can be described and understood using tools of physics. The goal of physics is to use a small number of basic concepts, models, and assumptions to make sense of the physical world. The science of physics can also be used to explain and predict a broad range of phenomena such as: motion, forces, work, energy, heat, sound, light, magnetism, and electricity. This is a lab-based science course.

ASTRONOMY (SCI201)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: Yes

This course will introduce students to the concepts of modern astronomy, the origin and history of the Universe, the nature of weather patterns, moon phases, seasons, stars, and galaxies. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The laws of physics, as they apply to astronomical phenomena, will be discussed as we explore the sky from Earth to the edges of known space.

FORENSICS (SCI302)

Credits: 0.5

Prerequisite: Biology

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

Do you like CSI and NCIS? Welcome to the Warrensville Heights High School crime lab. In this class you will get hands-on experience with the tools and techniques of the trade. Learn how to fingerprint, analyze DNA evidence, analyze material evidence, examine handwriting samples, and find out who committed a crime.

ZOOLOGY (SCI203)

Credits: 0.5

Prerequisite: Biology

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

This course covers the vertebrate animals including fish, amphibians, reptiles, birds, and mammals. This class requires a great deal of memorization and retention of biological terms. Topics covered are vertebrate organisms' basic structures, evolutionary development, comparative anatomy, physiology, and taxonomy. Dissection of various representative specimens is required for hands-on lab experience. This is a lab-based science course.

SOCIAL STUDIES
Required Core Courses

9th	10th	11th	12th
World History	U.S. History	Government	African American History
Honors World History	AP U.S. History	KAP Government	African American History
Financial Literacy			
*.5 credit can be taken 9th-12th grade			

SOCIAL STUDIES
Elective Courses

Grade	Course Title	Credit
9-12	Criminology	.50
11-12	Economics	.50
10-12	Mock Trial	.50
9-12	Pop Culture	.50
10-12	Psychology	.50
9-12	Sociology	.50
9-12	Sports in Society	.50
10-12	Street Law	.50

WORLD HISTORY (HIS119/129)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th

NCAA Approved Course: Yes

World Studies will explore the factual, social and cultural history of the world from the Age of Enlightenment to the present. This course will also explore the factual, social and cultural history of the world from 1750 to present, as well as, the modern civilization, cultural diversity and 20th century studies. Units of study include: The Enlightenment, American, French, and Latin American Revolutions, The Industrial Revolution, Imperialism, World War I, The Russian Revolution and Indian Nationalism, World War II, The Cold War, Emerging Nations and Contemporary Issues.

HONORS WORLD HISTORY (HIS 110/120)

Credits: 1.0

Prerequisite: Teacher recommendation

Grade Level(s): 9th

NCAA Approved Course: Yes

This course is a comprehensive examination of the factual, social and cultural history of the world from the Enlightenment to the present. Students will analyze civilizations based upon the political, social, economic and technological criteria. This approach enables students to compare and contrast civilizations and draw historical generalizations and parallels. Units of study include: The Enlightenment, American, French, and Latin American Revolutions, The Industrial Revolution, Imperialism, World War I, The Russian Revolution and Indian Nationalism, World War II, The Cold War, Emerging Nations and Contemporary Issues.

U.S. HISTORY (HIS 219/229)

Credits: 1.0

Prerequisite: None

Grade Level(s): 10th

NCAA Approved Course: Yes

A one-year course designed to permit the student to develop more than a basic understanding of the social, political, geographical and economic concepts in American history. Emphasis will be placed upon events, issues and personalities, which are significant in America's historical growth. Units of study include: American Industrialization, The Progressive Movement, Imperialism & Post-World War I, The 1920's and The Great Depression, World War II, Cold War and its Aftermath and World Responsibility.

AP U.S. HISTORY (US 310/320)

Credits: 1.0

Prerequisite: Teacher recommendation

Grade Level(s): 9th – 10th

NCAA Approved Course: Yes

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling and America in the world.

GOVERNMENT (HIS 319/329)

Credits: 1.0

Prerequisite: U.S. History

Grade Level(s): 10th -12th

NCAA Approved Course: Yes

This course will provide students with knowledge of the United States government that will enable them to participate effectively in civic life in America. Students will examine fundamental constitutional principles; the organization of government at the federal, state and local level; the rights and responsibilities of citizenship; the policy-making process; political parties and elections; comparative and foreign policy; and the American economic system. This course will also provide demonstration and role-playing activities to give students a better understanding of how interactions between officers and civilians can and should unfold.

KAP GOVERNMENT (HIS710/720)

Credits: 1.0

Prerequisite: U.S. History and Application to Kenyon College (by no later than May 1st)

Grade Level(s): 10th & 11th

NCAA Approved Course: Yes

The course, offered through Kenyon College, explores the guiding principles, major institutions, and national politics of the American political order. The Founders' view of liberal democracy and of the three branches of our government (presented in the *Federalist Papers*) will provide the basis for consideration of the modern Supreme Court, presidency, bureaucracy, Congress, news media and political parties and elections. The course concludes with de Tocqueville's broad overview of American democracy and its efforts to reconcile liberty & equality. The themes of the course will be illustrated by references to current political issues, events and personalities.

AP GOVERNMENT (HIS701/702)

Credits: 1.0

Prerequisite: U.S. History

Grade Level(s): 11th

NCAA Approved Course: Yes

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

AFRICAN AMERICAN HISTORY (HIS601)

Credits: 0.5

Prerequisite: None

Grade Level(s): 12th

NCAA Approved Course: Yes

This course will cover the history, culture, religion, institutions, politics, economics, arts, and psychology of peoples of African descent as developed from experience in both the old and new worlds. Students enrolled in this course will develop reading, writing, thinking, speaking, and listening skills by demonstrating the ability to read independently and comprehend literature, including fiction, non-fiction, plays & poetry. There will be a multidisciplinary analysis of social life from a black perspective as illustrated through selected historical and contemporary writings.

POP CULTURE (HIS101)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: No

Post World War II American Popular Culture is a half-year course. This course is designed to introduce you to a variety of critical approaches used in the study of popular culture. Although this course will draw on your familiarity with popular culture, we will approach the subject from a scholarly perspective. The overall objective is to explore how popular culture, in all its various forms, not only reflects the world around us but also how it influences the way we perceive the world. Throughout this semester, we will explore the connections between popular culture, social values and the political and economic climate of the United States since the end of World War II. We will analyze the role of music, sports, icons, trends, film, fashion, television and art thematically. We will use the themes of war, race and gender for our analysis. Common Core Standards will be addressed throughout all units.

SOCIOLOGY (HIS201)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: Yes

This course introduces the sociological perspective to students who are curious about the impact of human behavior on society. It is a perfect complement to students who are interested in psychology. Topics include: personality development, societal norms, sexuality, morality, deviance, racism, culture, family, parenting, and how to conduct a sociological investigation. The major emphasis of this course is to promote understanding through the use of scientific data, and to reject the use of baseless stereotypes and generalizations. The discussions are lively and you will be surprised at how much you learn about yourself. This course will serve as an excellent introduction to any freshman college sociology class.

CRIMINOLOGY (HIS202)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: Yes

Criminology will deal primarily with the study of crime typologies, crime causation and our criminal justice system. Units of study will include: law enforcement, the courts and corrections (prisons). Course procedures will include guest speakers, videotapes, and independent research.

PSYCHOLOGY (HIS301)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

This course will study the science of human behavior and mental processes and look at the hot topics in psychology. Students will learn how to conduct psychological research, understand how different parts of the brain affect human behavior, and acquire a better understanding of themselves and others. Demonstrations on different concepts of psychology will be used to supplement the textbook material. This will be good preparation for an introductory college psychology class.

ECONOMICS (HIS302)

Credits: 0.5

Prerequisite: World History and U.S. History

Grade Level(s): 11th – 12th

NCAA Approved Course: Yes

Economics will provide a survey of economic principles, issues and analysis that will give them a sound grasp of both the theoretical and practical approaches to economics. Units of study include: Economic Decision Making & Skills, Fundamentals of Economics, Government and the Economy and Global Economy.

STREET LAW (HIS303)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

Street Law's approach to law-related education is to provide practical information and problem-solving opportunities that help students develop the knowledge and skills necessary for survival in our law-saturated society. The curriculum includes case studies, role-playing, small group exercises and visual analysis activities. Students will be active participants in their own education. Students gain a willingness and capability to participate effectively in the legal and political systems.

MOCK TRIAL (HIS304)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th - 12th

NCAA Approved Course: Yes

The Ohio Mock Trial Program is the only established statewide educational program especially designed to make secondary students aware of their constitutional rights and responsibilities. Each year volunteer attorneys fabricate a legally authentic case involving a constitutional issue that is relevant to the student's own personal experiences. Issues of personal autonomy, substantive and procedural due process, freedom of speech, and protection from unreasonable search and seizure have become meaningful to students through these cases.

SPORTS IN SOCIETY (HIS501)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th – 12th

NCAA Approved Course: No

The course on sports would provide students with the opportunity to explore the political, economic and social impact of sports in and on society. Through the use of film and print media, the students will collaborate and engage in pointed discussions that force them to look beyond the glitz and glam of professional sports.

FRESHMAN SEMINAR (FSM110/120)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9

NCAA Approved Course: No

All freshmen will take the Freshman Seminar course, a one-year course that teaches essential skills including taking initiative and responsibility, effective teamwork and communication, critical thinking and problem solving, as well as strategies to improve learning and develop study skills.

FINANCIAL LITERACY (HIS500)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

This course prepares students to understand financial literacy concepts and helps them to become savvy consumers who can avoid scams, prepares students to make sound financial decisions, provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses and provides an introduction to investing.

FOREIGN LANGUAGE

AMERICAN SIGN LANGUAGE I (ASL119/129)

Credits: 1.0

Prerequisites: None

Grade Level(s): 9th – 12th

NCAA Approved Course: Yes

This course provides an introduction to American Sign Language. Areas studied include the structure, usage, and history of ASL. Students will focus on ASL expressive and receptive skill development, using interactive reinforcement practice, role-plays, dialogues, and ASL storytelling.

AMERICAN SIGN LANGUAGE II (ASL219/229)

Credits: 1.0

Prerequisites: American Sign Language I

Grade Level(s): 9th – 12th

NCAA Approved Course: Yes

This course will build on students' receptive and expressive ASL skills. The emphasis is on continued vocabulary development and the acquisition of additional simple grammatical structure. Using activities and media, students will develop strategies to help them interpret authentic sign pieces. The Deaf culture will continue to be explored. This class is taught primarily in American Sign Language.

AMERICAN SIGN LANGUAGE III (ASL319/329)

Credits: 1.0

Prerequisites: American Sign Language II

Grade Level(s): 11th – 12th

NCAA Approved Course: Yes

This course focuses on signs, body language, and facial expressions with emphasis on more complex conversational situations. Practice at advanced/beginner level. Continued study of finger spelling, classifiers and idioms at a beginner-intermediate level. Continue to develop an understanding of deaf culture and the deaf community. Continue to explore new science (including stem cell research), and technology for the deaf.

SPANISH I (SPA119/129)

Credits: 1.0

Prerequisites: None

Grade Level(s): 9th – 12th

NCAA Approved Course: Yes

Emphasis is placed on speaking and aural comprehension of basic Spanish. Greetings, practical vocabulary, such as school, family, home, days, etc. are introduced in the first semester along with conjugation of regular and irregular verbs in the present tense. In semester II, more emphasis is placed on reading and writing while listening and speaking skills are continuously reinforced. Some Latin American culture is introduced.

SPANISH II (SPA219/229)

Credits: 1.0

Prerequisites: Spanish I

Grade Level(s): 9th – 12th

NCAA Approved Course: Yes

Basic language skills learned in Spanish I are broadened and expanded with increased use of the target language and decreased use of English. Students learn how to give commands, conjugate irregular verbs, and are introduced to the preterit tense (past tense). More practical vocabulary is introduced (clothing, body parts, places, numbers 1 – million) along with an increased emphasis on reading and writing. Oral proficiency and aural comprehension are fine tuned in this course. This is not a course for those looking to speak English.

SPANISH III (SPA319/329)

Credits: 1.0

Prerequisites: Spanish II

Grade Level(s): 11th & 12th

NCAA Approved Course: Yes

Spanish III is a two-semester course. Conversational skills are greatly reinforced while writing skills are further developed. Grammar skills previously learned are reviewed while students are introduced to the subjunctive mood. Reading comprehension is reinforced with the introduction of famous literary works on “Don Quijote” and “Lazarillo De Tormes.” The majority of the class is conducted in Spanish.

SPANISH IV (SPA419/429)

Credits: 1.0

Prerequisites: Spanish III and teacher recommendation

Grade Level(s): 10th – 12th

NCAA Approved Course: Yes

Reading and writing skills are greatly reinforced. An advanced study of Spanish literature is introduced with such works as El Cid and El Sombrero De Tres Pico. An in-depth unit on art is introduced and a daily journal is kept. The entire class is conducted in Spanish.

BUSINESS AND TECHNOLOGY

INFORMATIONAL TECHNOLOGY (BUS 139)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th – 12th

NCAA Approved Course: No

In this course the student will learn advanced Microsoft applications. The student will learn how to incorporate advanced features into PowerPoint and the integration of graphic, sound and special effects elements of various multimedia software packages, which they will use to create either presentations or hard copy documents. Students will use their advanced skills to design newsletters, brochures, manuals, and other business documents. Students work individually or in groups to complete real-world projects that are versatile, user-friendly, and technologically advanced.

INTRODUCTION TO BUSINESS (BUS 119/129)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th – 12th

NCAA Approved Course: No

This is the first course for the Business and Administrative Services, Finance, and Marketing career fields. It introduces students to specializations within the three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics, and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership, communications, and personal financial literacy will be addressed.

COMPUTER PROGRAMMING (BUS110)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th -12th

NCAA Approved Course: No

Students will be introduced to the world of computer programming (Coding) and build and design using a range of hands-on methods. Students will build a VEX robot and program it to accomplish certain tasks using the Easy C programming language and design a video game using Game Star Mechanics or Game Maker Studio. iPad games such as Kodable or Hour of Code will be used to learn basic Coding principles and build a web page to highlight what they are learning in the Coding class.

COMPUTER SCIENCE PRINCIPLES (BUS 210/220)

Credits: 1.0

Prerequisite: Algebra I

Grade Level(s): 9th - 12th

NCAA Approved Course: No

Incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

WEBSITE DESIGN I (BUS101)

Credits: 0.5

Prerequisite: Information Technology

Grade Level(s): 9th -12th

NCAA Approved Course: No

This course introduces Dreamweaver, software for Web page development, which is the industry standard program. Dreamweaver is the most widely used WYSWYG (What You See is What You Get) Web-page editing software, popular among professional Web developers and hobbyists. Using Dreamweaver, students will learn to create simple Web pages as well as dynamic and comprehensive Web sites. The course is designed for students with basic computer and Internet knowledge who wish to enrich their knowledge of Web publishing tools.

WEBSITE DESIGN II (BUS201)

Credits: 0.5

Prerequisite: Website Design I

Grade Level(s): 9th -12th

NCAA Approved Course: No

This semester course is designed to advance the skills learned in Web Design I in the design, composition, development and maintenance of web pages. Students will use the concepts learned with HTML and Macromedia Dreamweaver to design and maintain web pages for personal and commercial use. In addition, students will work with Macromedia Flash and Fireworks to complete more advanced pages. Students will have the opportunity to develop and document their skills and participate in competency testing if they choose.

BUSINESS LAW (BUS206)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th -12th

NCAA Approved Course: No

Students study how the law applies to different factual situations. This course is designed to: 1) Give students a better understanding of the legal world in which they live. 2) Expand their vocabularies and sharpen their abilities to think critically, analytically and systemically. 3) Better equip students to recognize legal problems and to utilize legal counsel. The program areas provide students with objective exercises and case studies to insure mastery of legal concepts. In addition, students will learn how the state courts, federal courts, and administrative agencies set and enforce laws. Overall, the learning materials in this course will help students achieve an understanding of legal principles, which will be useful throughout their lives.

ACCOUNTING I (BUS219)

Credits: 0.5

Prerequisite: None

Grade Level(s): 10th -12th

NCAA Approved Course: No

Accounting I is a first year course that continues to support the traditional course in which accounting procedures are calculated manually within the framework of the accounting cycle. The course will provide the student with a solid understanding of accounting concepts, terminology and procedures. Frequent integrated accounting topics show how manual concepts are practiced in an automated environment. Accounting I is a must for students who are planning to attend college and major in Accounting.

ENTREPRENEURSHIP (BUS 208)

Credits: 0.5

Prerequisite: Introduction to Business

Grade Level(s): 10th -12th

NCAA Approved Course: No

The principle focus of the course is the planning and development of a small business through the study of entrepreneurship, business management, financial analysis, and the creation of a student-produced product or service idea. Students will assume the role of small business owners and create a detailed business plan, logo, business card, and website.

INTRODUCTION TO CULINARY (CUL101)

Credits: 0.5

Prerequisite: None.

Grade Level(s): 9th -10th

NCAA Approved Course: No

Students will experience the basic theory and skills sets used throughout the field of culinary arts. In this course, students will learn foundational food and kitchen safety, as well as cooking techniques to be used in a personal and commercial setting. Students will also taste and evaluate products they create in class to enhance their understanding of the course material.

INTRODUCTION TO GRAPHIC DESIGN (GRA101)

Credits: 0.5

Prerequisite: None.

Grade Level(s): 9th -10th

NCAA Approved Course: No

Computer design is explored to develop understanding of techniques, processes and possibilities of electronic media to understand, create and appreciate visual art.

INTRODUCTION TO LAW & PUBLIC SAFETY (LAW101)

Credits: 0.5

Prerequisite: None.

Grade Level(s): 9th -10th

NCAA Approved Course: No

In this course students learn about the many careers that exist within the fields of law, law enforcement, public safety, corrections and security. In addition to learning about the training and educational requirements for these careers, students explore the history of these fields. This course will also provide demonstration and role-playing activities to give students a better understanding of how interactions between officers and civilians can and should unfold.

STEM: INNOVATIONS IN SCIENCE AND TECHNOLOGY (SCI205/SCI206)

Credits: 1.0

Prerequisite: Algebra

Grade Level(s): 9th - 12th

NCAA Approved Course: No

This is a contextual-based course that introduces students to the core fundamental concepts of science and technology through authentic projects. Through these projects, students will develop an understanding of the relationship between the physical, biological, and social world. Students will gain an understanding of the differences between science and technology, and learn that technology is a process for applying science. Students will develop a deeper understanding of scientific inquiry and the engineering design process when solving real-world problems. Students will experience the interaction of science, technology, engineering, mathematics, and literacy through a problem-based learning environment. Finally, the process will require students to use mathematics to analyze costs, develop budgets, and make precise measurements to successfully implement project goals.

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION (PHY119/129)

Credits: .50

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Students must pass one semester of this course before taking any other physical education course. This course offers a practical, as well as theoretical approach to physical activities. This physical education class offers the following experiences for the individual:

1. Vigorous physical activity, stressing the importance of physical fitness
2. Development of motor skills
3. Emphasizing personal and group safety
4. Fostering of creativity
5. Opportunities for self-motivation and communication
6. Promotion of self-understanding and acceptance of self and others
7. Encouragement of social development and preparation for a meaningful leisure lifestyle and
8. Development of activities for post school life as a participant or spectator.

Physical education is a survey course designed to expose students to a large number of athletic and recreational areas. The course will consist of sixteen (16) units, of approximately one week each, from the following list: Aerobics, Fitness, Tennis, Golf, Bowling, Indoor/Outdoor activities, Softball, Flag Football, Golf, Basketball, Swimming, Soccer, Horseshoes, Floor Hockey, Track & Field, Ultimate Frisbee, Volleyball, and Jogging/Walking.

HEALTH (HEA160)

Credits: .50

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

This course helps students understand the relationships between mental and physical health. Human sexuality is discussed in a sensitive manner and students are encouraged to apply their knowledge to better understand themselves and relationships involving family, peers, and society. Specific topics include sex role development, human sexual anatomy and response, infertility and sexual dysfunction, contraception, options for unplanned pregnancy, sexual behaviors and preferences, and sexually transmitted diseases including AIDS. Emotional/mental health issues are also addressed, including stress management, substance abuse, suicide, eating disorders, mental disorders, mental illness, and varied therapeutic approaches.

TEAM SPORTS (PHY202)

Credits: .50

Prerequisite: Physical Education

Grade Level(s): 10th-12th

NCAA Approved Course: No

This course is for the team sports enthusiast as we explore 18 different games throughout this semester course. The class will highlight a sport a week to include games like football, volleyball, handball, lacrosse, field hockey, ultimate

Frisbee, basketball, soccer and many more. The course will consist of a class summative folder exploring the rules, history, and skills of the many games played. Sport specific movies will also be viewed spotlighting positive character traits such as integrity, sportsmanship, and leadership. A final written exam will be administered at the end of the course.

*Officiating Refereeing Certification optional

PERSONAL FITNESS (PHY203)

Credits: .50

Prerequisite: None

Grade Level(s): 10th-12th

NCAA Approved Course: No

This course will encompass the many aspects of personal fitness. The class includes cardiovascular work such as zumba, plyometric, and aerobic exercise. Additional curriculum will include kettle balls, weight training, fitness straps, and ropes work. The practice of yoga and relaxation techniques will also be introduced. The students will work from a fitness book exploring vocabulary, problem solving, personal responsibility, best practices, and history of each class element as well as keeping personal data regarding student personal health. Formative and diagnostic exams will be given throughout the semester course. Nutrition and human anatomy is also a component of the class expectations for this semester course.

ADAPTIVE PHYSICAL EDUCATION (PHY207)

Credits: .50

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

This course is designed for students whose Individualized Education Program require special or modified, one-on-one physical education activities.

WEIGHT LIFTING (PHY101)

Credits: .50

Prerequisite: None

Grade Level(s): 11th-12th

NCAA Approved Course: No

This course is designed for students whose Individualized Education Program requires special or modified, one-on-one physical education activities.

UNIFIED ARTS & ELECTIVES

ART I (ART119/129)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Art I is the foundation course for advanced art classes. The students will be introduced to the study of drawing, making collage, painting, sculpture, and text as art. The course focuses on the Elements and Principles of Art and design: the building blocks of how art is created. Students will improve critical thinking and problem solving skills, which will enable them to interpret and respond to the artwork and the visual world around them. Art appreciation, Art History, and cultures will be explored through a variety of experiences such as group projects, selected readings, slide presentations, guest speakers, field trips, and the Internet. Students will meet the academics standards in Art and improve English, Science, and Math skills through cross-curricular activities.

ART II (ART219/229)

Credits: 1.0

Prerequisite: Art 1 (C or higher or written permission of instructor)

Grade Level(s): 9th-12th

NCAA Approved Course: No

The Art II course is an extension of the Art I course and is designed for students who have an interest in refining their individual art skills and techniques. More sophisticated media will be explored and further research of art history will be encouraged. Art II will reinforce the Elements and Principles of art and design. Students will be encouraged to utilize self-expression, creativity, and originality along with good craftsmanship in their artwork. There will also be an emphasis in developing work for art shows on a local, state, and national level. Portfolio development will be discussed.

DRAWING I (ART103)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Do you enjoy being expressive and creative through drawing? This course is designed to allow students to demonstrate proficiency with various art media when creating images from observation, memory, and imagination. During this semester course, you will communicate through the elements and principles of art and investigate the human form.

DRAWING II (ART203)

Credits: 0.5

Prerequisite: Drawing I

Grade Level(s): 9th-12th

Building on the skills and concepts acquired in Drawing I, students will explore the principles of art, investigate the human form, and take part in nonobjective and abstract compositions. Students will combine and apply artistic and

reasoning skills to imagine, create, realize, and refine artworks in conventional and innovative ways. Students will also draw on a variety of sources to generate, select, and evaluate ideas to create personally meaningful products.

FASHION DESIGN (ART530/540)

Credits: 1.0

Prerequisite: None

Grade Level(s): 10th-12th

Can you draw a stick figure? Then this course can meet you where you are in your drawing skills and build up to a complete fashion design portfolio. Fashion design is a vehicle by which the basic elements of art and design are utilized. The course will focus on the need for understanding these elements relative to State Visual Art Standards and Benchmarks. The studio course will employ the usage of various media to provide awareness of types of fashion design, as well as a means of creative expression and communication. Students will also be introduced to a basic history of fashion design and its impact on society and culture. They will be asked to analyze and respond to their work as well as the work of fellow students and artists. Students will design and create a fashion design collection, a mood board, and further develop their skill in accessory and jewelry design. The course will also outline the connections, relationships, and applications of fashion design to other content areas. By the end of the course, they should have a well-developed portfolio for submission to a secondary design school.

CERAMICS (ART105/115)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Are you a hands-on learner? This course will explore the scientific elements of clay and glazing in a three-dimensional medium. Techniques, including hand-building and coil construction, will be explored. Students will develop learned techniques and expand experiences in artistic reflection and criticism. Both functional and non-functional vessels will be made.

KAP DRAWING AND DESIGN (ART 610/620)

Credits: 1.0

Prerequisite: Art I and Art II (B or Higher) or written permission of instructor, 3.0 GPA, and acceptance into the Kenyon College Program

Grade Level(s): 11th and 12th

NCAA Approved Course: No

This course is an introduction to the elements and principles of art and design, on a college level, in the production and understanding of artists in the work that they and you create. Emphasis will be placed on drawing, composition and the use of color with the intent of developing your technical and conceptual expertise, and style. You will be exposed to a variety of media in the making of two-dimensional artworks.

Kenyon's standards in the courses are maintained in a number of ways: teachers in the schools are appointed by Kenyon, departmental representatives from the college visit and evaluate classes in the schools, course materials and methods are developed jointly by teachers from Kenyon and the schools, teachers exchange student written and drawn work for cross-grading exercises, and admission of a student to a course requires acceptance by Kenyon.

PAINTING (ART139/149)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Have you ever wanted to learn how to paint? This course will explore various techniques of painting through use of the elements and principles of design. We will use a variety of paint mediums and study the methods of contemporary and historical artists. This is a beginning course meant to enhance a student's self-expression and reasoning skills to imagine, create, realize and refine artworks in conventional and innovative ways.

PHOTOGRAPHY (ART230/240)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

Photography is an introductory course with three major components: analog (film) photography, digital photography, and photo manipulation. Using the guidelines set by the State of Ohio Visual Arts Standards and Benchmarks, students will learn how to use photography as a means of creation, communication, and conceptualization. Basic photographic methods, including using a light meter, controlling "f-stops" (focal length), shutter speed, and film speed will be addressed. Black and white analog film photography, development, and darkroom concepts will be introduced. Usage and care of different types of digital cameras will occur. A variety of computer software will be employed for photo manipulation education. Students will be encouraged through open-ended assignments to create and foster personal development. Students will be encouraged through open-ended assignments to create and foster personal development.

CONCERT CHOIR (MUS219/229)

Credits: 1.0

Prerequisite: Mixed Chorus and Audition and acceptance by the Choir Director

Grade Level(s): 9th-12th

NCAA Approved Course: No

This course includes: Concentration on vocal problems, techniques, and development of standard repertoire for mixed voices. The varieties of music explored are: sacred, secular, contemporary, classical, gospel, and Negro Spiritual. School and public performances are required.

BEGINNING BAND (MUS119/229)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course:

Students gain insight into the field of Fine Arts from this enriching experience and acquire socially acceptable means of self-expression beyond that of high school. Students will develop music reading skills, proper technique and music vocabulary. The band functions as a concert unit and studies the best available literature for the proficiency of the group. Students of any ability level are welcome. Musicianship is the primary emphasis of this course.

MUSIC APPRECIATION (MUS502)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course:

Organized subject matter and learning experiences designed to further pupils' knowledge, comprehension, and appreciation of various types and styles of music.

JROTC (MIL500/502)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course: No

JROTC programs include classroom instruction, service, and physical fitness training. Topics covered include leadership, drill instruction, military history, and citizenship. JROTC's mission is to motivate students to be better citizens. The program helps students develop self-discipline, self-confidence, and leadership skills. JROTC can help students graduate from high school and prepare them for college, careers, and life. Students can also earn the Military Enlistment Seal, which can demonstrate readiness for graduation.

CAREER AND TECHNICAL EDUCATION

ADVANCED MANUFACTURING & WELDING TECHNOLOGY

The Advanced Manufacturing & Welding Technologies program at MAGNET provides students with a hands-on, real-world learning experience designed to prepare them for high-demand careers in modern manufacturing. Students develop technical skills in industrial systems, mechanical and electrical maintenance, CNC machining, welding processes, automation, robotics, instrumentation, and safety standards, while also strengthening problem-solving, teamwork, and professional competencies. During their senior year, will go to Cleveland State University and Lakeland Community College two days a week, where they train in state-of-the-art CNC and welding labs using industry-grade equipment. Through the consortium's partnership with MAGNET, a nonprofit organization that supports manufacturing companies across Northeast Ohio, students gain access to work-based learning opportunities, internships, and direct exposure to regional employers, positioning them for industry credentials, continued postsecondary education, or immediate employment in advanced manufacturing and welding careers.

COURSES:

MANUFACTURING OPERATIONS (CTAG) 1.5 CREDITS

INDUSTRIAL MAINTENANCE 1.5 CREDITS

COMPUTER NUMERICAL CONTROL PROGRAMMING AND MACHINING (CTAG/CCP) 1.5 CREDITS

WELDING TECHNOLOGIES (CCP) 1.5 CREDITS

AUDIO ENGINEERING

Credits: 2.0, 2.0

College Credits:

Prerequisite: Geometry

Grade Level(s): 11th-12th

NCAA Approved Course: No

The Audio Engineering training program consists of two years of study and skills development in digital and analog sound production and sound reinforcement. Audio Engineering students use professional quality software and hardware to gain the skills necessary to enter post-secondary study in the field of audio engineering. This program develops competencies in the areas of Audio Editing, Audio Production, Audio Post-production, sound for film, writing and communication, legal and ethical aspects, business processes, personal employability traits, and career exploration and development.

COURSES:

AUDIO BROADCASTING I 1.0 CREDIT

AUDIO BROADCASTING II 1.0 CREDIT

MUSICAL ENGINEERING I 1.0 CREDIT

MUSICAL ENGINEERING II 1.0 CREDIT

AUTOMOTIVE TECHNOLOGY (AMC319/329)

Credits: 3.0, 3.0

College Credits: 5.0 – 11.0 with summer course

Prerequisite: Algebra I

Grade Level(s): 11th-12th

NCAA Approved Course: No

This two-year, Tech Prep and Automotive Service Excellence/National Automotive Technician Education Foundation (A.S.E./NATEF) certified program, is designed to develop entry level automotive technician skills in the maintenance and repair of automobiles. Students enrolled in the program will learn automotive theory in a real world setting, allowing students to apply academic skills in a relevant way. During the two-year experience, students will have the opportunity to apply learned skills by working with state of the art equipment and technology to access service information, technical training, and web based testing. In the junior year, students will focus on shop safety, preventative maintenance, tire repair and service, brake systems, steering and suspension, electrical and electronics. Students will have the opportunity to practice these skills by performing tasks on shop vehicles in the lab. In the senior year, students will further develop previously learned skills while adding engine repair, engine performance, emissions repairs, heating and air conditioning, computer diagnostics, transmission service, and largely focusing on work skills in the lab setting by performing repairs on customer's vehicles. Senior students are encouraged to take the A.S.E. certification test. Qualified students who complete the two-year program and the academic requirements will receive Tech Prep college credit. Membership in Skills USA is available.

COURSES:

GROUND TRANSPORTATION AND MAINTENANCE (CTAG) 1.5 CREDITS

AUTOMOTIVE BRAKING SYSTEMS 1.5 CREDITS

AUTOMOTIVE STEERING AND SUSPENSION SYSTEM 1.5 CREDITS

GROUND TRANSPORTATION ELECTRICAL/ELECTRONICS 1.5 CREDITS

BUSINESS ADMINISTRATION

Credits: 2.0, 2.0

College Credits:

Prerequisite: None

Grade Level(s): 11th-12th

NCAA Approved Course: No

The Business Administration program is a dynamic, comprehensive program which will introduce students to the exciting professional world of Business. Students will explore several diverse career areas including Entrepreneurship, Marketing, eCommerce, International Business, Management, Financial Literacy, Project Management, Globalization and Business Law, Finance, Operations, and Management. The objectives of the Business Administration program is to prepare students for transition to college or technical school or employment and to connect, collaborate and compete in a global economy. The program provides a wide knowledge base and will expose students to multiple disciplines. Skills like communication, critical thinking, strong work ethic, goal setting, productivity, leadership and teamwork will provide students with a solid foundation for success. Course content will include creating a viable Business Plan, Personal Financial Literacy, Marketing, Ethics, Finance, Social Responsibility, developing Business Relationships, Leadership, Customer Relations, and Professional Development. The latest technology will be fully integrated to facilitate and foster collaboration and Teamwork in a professional environment.

COURSES:

FUNDAMENTALS OF BUSINESS & ADMINISTRATIVE SERVICES 1 CREDIT

HUMAN RESOURCE MANAGEMENT 1 CREDIT

MANAGEMENT PRINCIPLES 1 CREDIT

LEGAL ENVIRONMENT OF BUSINESS (CTAG) 1 CREDIT

CLINICAL HEALTH CAREERS

Credits: 2.5, 2.5

College Credits: 3.0 – 14.0 with certification

Prerequisite: Biology, Algebra I, 2.2 grade point average

Grade Level(s): 11th-12th

NCAA Approved Course: No

This is an exciting two-year program for students interested in careers in the health care professions. In the first year students learn anatomy, medical terminology, infection control, communication skills, and clinical procedures related to Medical Assisting. A wide variety of health careers are explored. Students then apply their knowledge and skills in clinical rotations at Kaiser Permanente's Cleveland Heights Medical Center. Observation and participation are arranged in a variety of outpatient clinics, including internal medicine, pediatrics, oncology, pharmacy, physical therapy, the emergency room, and the gastroenterology procedure lab. Students also complete CPR certification and First Aid Training. Students will schedule Anatomy and Physiology as part of the 3 period block which will be taught by a licensed science teacher and a science credit will be earned.

In the second year, students complete the Ohio Nurse Aide Training Program and are eligible to take the test to become State Tested Nursing Assistants (STNAs). They also learn the employability skills necessary to seek and maintain employment, and do a more in-depth study of physiology and medical terminology. Early job placement is available to all second semester seniors who qualify. Tech Prep eligible students can earn 11 hours of college credit. Qualified students who complete the two-year program and the academic requirements will receive Tech Prep college credit. (Students provide their own white pants, wrist watch and shoes) A criminal record background check and drug test may be required for entry into the field. Satisfactory attendance and discipline record is required.

COURSES:

HEALTH SCIENCE AND TECHNOLOGY 1 CREDIT

MEDICAL TERMINOLOGY (CTAG) 1 CREDIT

PATIENT CENTERED CARE 1.5 CREDITS

MENTAL HEALTH (CTAG) 1.5 CREDITS

HEALTH SCIENCE AND TECHNOLOGY

Credits: 1.0

College Credits:

Prerequisite: Approval of Career Prep Staff

Grade Level(s): 11th

NCAA Approved Course: No

This first course in the career field provides students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan. They will also be introduced to exercise science and sports medicine, the field of biomedical research and the importance of managing health information.

MEDICAL TERMINOLOGY

Credits: 1.0

College Credits:

Prerequisite: Accuplacer Exam

Grade Level(s): 11th

NCAA Approved Course: No

This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents.

PATIENT CENTERED CARE

Credits: 1.5

College Credits: 3.0 – 14.0 with certification

Prerequisite: Biology, Algebra I, 2.2 grade point average

Grade Level(s): 12th

NCAA Approved Course: No

Students will apply psychomotor nursing skills needed to assist individuals in meeting basic human needs. Students will implement interventions following a nursing assistant plan of care. Students will collect the patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. Students will perform phlebotomy procedures with emphasis on infection prevention, universal precautions, proper patient identification, specimen acquisition, handling, and processing. Additionally, students will observe patients' physical, mental, and emotional conditions and document any change.

MENTAL HEALTH

Credits: 1.5

College Credits: 3.0 – 14.0 with certification

Prerequisite: Biology, Algebra I, 2.2 grade point average

Grade Level(s): 12th

NCAA Approved Course: No

Students learn contemporary mental health theories related to psychiatric disorders and mental diseases. Students will differentiate between stress, anxiety, and crisis, and identify methods to maintain mental health, including problem-solving techniques, treatment and intervention strategies. Students will assess, plan, implement and evaluate the mental health needs of the client. Additionally, students will use therapeutic communication techniques and be able to discuss documentation guidelines and the plan of care with the patient.

COSMETOLOGY (COS)

Credits: 3.0, 3.0

College Credits: 20.0 with certification

Prerequisite: English II, Completed Application, Approval of Career Prep Staff

Grade Level(s): 11th-12th

NCAA Approved Course: No

This two-year program, beginning in the junior year, prepares students in the proper care and treatment of the hair, nails, skin, and scalp. Students learn employability skills, shampooing, cutting, styling and hair coloring as well as the proper techniques used to do manicures, pedicures, and facials. Extensive study of anatomy and physiology, as they relate to the nerves, bones, and muscles, is also stressed. Chemistry is also stressed as it relates to the human body and cosmetics. Students are instructed in the care of the equipment used in beauty salons and all aspects of infection control procedures. Practical experience is gained through work on actual customers under the supervision of licensed Cosmetology instructors. In addition to taking an English course, Cosmetology students must be enrolled in a science or math course that meets graduation requirements each year they are enrolled in Cosmetology. They must receive a passing grade in Cosmetology and the science, math, and English classes to be eligible to take the State licensing exam to become a National Licensed Cosmetologist. Membership in Skills USA is

available. A kit of supplies may be purchased.

COURSES:

MICROBIOLOGY AND INFECTION CONTROL 0.5 CREDIT

SALON OPERATIONS AND COMMUNICATIONS 0.5 CREDIT

COS LAB 3 CREDITS

FUNDAMENTALS OF HAIR CUTTING AND STYLING 0.5 CREDITS

SKINCARE FUNDAMENTALS AND ENHANCEMENTS 0.5 CREDIT

COS LAB 2 CREDITS

OR

FUNDAMENTALS OF HAIR CUTTING AND STYLING 0.5 CREDITS

FUNDAMENTALS OF CHEMICAL SERVICES 0.5 CREDITS

COS LAB 2 CREDITS

ADVANCED HAIR CUTTING AND STYLING 0.5 CREDITS

ADVANCED CHEMICAL SERVICES 0.5 CREDIT

COS LAB 2 CREDITS

CONSTRUCTION TECHNOLOGIES

Credits: 3.5, 3.5

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

Construction Tech students will study power tool application and basic fundamentals of home construction that will include; masonry, framing, roofing, door & window, vinyl siding, electrical, interior finish, human relations & employability skills.

COURSES:

CONSTRUCTION TECHNOLOGIES-SUSTAINABLE CONSTRUCTION 2 CREDITS

STRUCTURAL SYSTEMS 2 CREDITS

CARPENTRY AND MASONRY TECHNICAL SKILLS (CTAG) 1.5 CREDITS

STRUCTURAL COVERINGS AND FINISHES 1.5 CREDITS

CRIMINAL JUSTICE/LAW ENFORCEMENT (CRM319/329)

Credits: 2.0, 2.0

College Credits: 20.0 with certification

Prerequisite: Algebra I, Approval of Career Prep Staff

Grade Level(s): 11th-12th

NCAA Approved Course: No

This is a two-year program, which begins in the student's junior year and is intended for those interested in pursuing careers in a broad range of law enforcement/criminal justice disciplines. The curriculum includes training in criminal laws, arrest laws, certification in CPR/First Aid, loss prevention defensive tactics, report writing, accident investigation, white collar crimes, along with search and seizure, and forensic science. Career Paths available to students include police officers, sheriff deputies, troopers, private investigators, corrections officers, security

officers, and a variety of careers within federal, state, and local law enforcement. Qualified students who complete the two-year program and the academic requirements will receive Tech Prep college credit. Membership in Skills USA is available. A uniform and CPR/First Aid certification costs must be provided. Students will schedule Forensic Science as part of the 3 period block which will be taught by a licensed science teacher and a science credit will be earned.

COURSES:

AMERICAN CRIMINAL JUSTICE SYSTEM (CTAG) 1 CREDIT

SECURITY AND PROTECTIVE SERVICES 1 CREDIT

POLICEWORK AND PRACTICE IN PUBLIC SAFETY (CTAG) 1 CREDIT

THE CORRECTIONAL SYSTEM AND SERVICES (CTAG) 1 CREDIT

CULINARY ARTS (CUL)

Credits: 2.5, 2.5

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

Are you creative? Do you enjoy cooking? Do you thrive in a team environment? If so, Culinary Arts & Restaurant Management might be just the career for you! The Heights Consortium Culinary Arts Program in partnership with Cuyahoga Community College (Tri-C) is a two-year, ProStart Certification Course that provides you with basic culinary essentials and foodservice management skills including customer relations, cost controls, basic accounting principles, marketing, purchasing, inventory, team building skills and communications. These skills will be developed and refined in the new Tri-C Hospitality and Restaurant Management School located on the grounds of the eastern campus. Also, ProStart gives you the opportunity to compete for additional scholarships and potential employment opportunities. **Will be required to pass CPR/First Aid certification and complete required work hours in order to earn the National Restaurant Association Educational Foundation's (NRAEF) ProStart and other related certifications.*

COURSES:

HOSPITALITY FUNDAMENTALS (CTAG) 1 CREDIT

FUNDAMENTALS OF FOOD PRODUCTION (CTAG) 1 CREDIT

DINING ROOM AND SERVICE OPERATION 1 CREDIT

RESTAURANT MANAGEMENT (CTAG) 2 CREDITS

HOSPITALITY FUNDAMENTALS (CUL319)

Credits: 1.0

College Credits:

Prerequisite: None

Grade Level(s): 11th-12th

NCAA Approved Course:

This first course in the career field will introduce students to culinary arts, foodservice operations, lodging, travel and tourism. Students will obtain knowledge of customer service principles and examine the impact of cultural, historical, social and technological developments on key segments of the industry. They will also apply safety and sanitation techniques to prevent and control injuries, illnesses and diseases in the workplace. Business law, employability skills, leadership and communications will be addressed.

FUNDAMENTALS OF FOOD PRODUCTION (CUL329)

Credits: 1.0

College Credits:

Prerequisite: Hospitality Fundamentals

Grade Level(s): 11th-12th

NCAA Approved Course:

Students will prepare food products and beverages according to standardized recipes. They will apply plating and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Safety and sanitation, standard knife skills, and culinary math will be emphasized. Employability skills, leadership and communications will also be incorporated.

DINING AND SERVICE OPERATIONS (CUL419/429)

Credits: 1.0

College Credits: N/A

Prerequisite: Fundamentals of Food Production

Grade Level(s): 11th-12th

NCAA Approved Course:

Students will apply strategies and techniques to identify and meet dining guest needs. They will provide table and beverage service; maintain eating areas, meeting spaces and serving stations; manage online reservations and orders; and monitor table turns, wait lines and table assignments. Nutritional analysis, types of table service, safety and sanitation, cultural intelligence, employability skills and communications will also be addressed.

RESTAURANT MANAGEMENT (CUL439/449)

Credits: 2.0

College Credits:

Prerequisite: Fundamentals of Food Production

Grade Level(s): 11th-12th

NCAA Approved Course:

Students will apply management principles to plan, organize and direct restaurant staff toward goal achievement. They will hire, train, and supervise employees; establish processes to facilitate restaurant operations; and plan and design menus. Students will also forecast and schedule food production, establish food specifications, select vendors, calculate costs, and purchase food and non-food products. Other topics include food science, nutritional analysis, business law and ethics, economics and marketing.

CYBERSECURITY

Credits: 2.5, 2.5

College Credits:

Prerequisite:

Grade Level(s): 11th – 12th

Students in the Cybersecurity program at Warrensville Heights High School develop the knowledge and technical skills needed to protect digital systems and data while gaining hands-on experience in IT support, networking, and ethical hacking. A key component of the program is the Student Helpdesk, where students certified as Repair

Techsperts troubleshoot and repair peers' devices, applying real-world technical and customer service skills. The program emphasizes professionalism, employability, and responsible digital citizenship, preparing graduates for entry-level IT and cybersecurity careers, industry certifications, or continued education in information technology fields.

COURSES:

PERSONAL COMPUTERS (CTAG/CCP) 1 CREDIT

NETWORKING (CTAG) 1 CREDIT

CYBERSECURITY 1.5 CREDITS

CYBERSECURITY DEFENSE & REINFORCEMENTS (CTAG) 1.5 CREDITS

PERSONAL COMPUTERS

Credits: 1.0

College Credits:

Prerequisite:

Grade Level(s): 11th-12th

NCAA Approved Course:

Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized.

NETWORKING

Credits: 1.0

College Credits:

Prerequisite: None

Grade Level(s): 11th - 12th

NCAA Approved Course:

Students will install, operate, maintain, and troubleshoot a network. Students will learn to manage, configure, and troubleshoot network infrastructure. Students will discuss common network topologies and communication protocols.

CYBERSECURITY

Credits: 1.5

College Credits: N/A

Prerequisite:

Grade Level(s): 11th-12th

NCAA Approved Course:

Students will learn the components of cybersecurity and the role each plays in preventing, detecting and mitigating vulnerabilities and attacks. Components include the security of the network infrastructure, security of the systems, and the prevention, detection, and mitigation of common vulnerabilities and attacks. Throughout this course, students will examine and implement security safeguards for desktop, network, and application security.

CYBERSECURITY DEFENSE AND REINFORCEMENTS

Credits: 1.5

College Credits:

Prerequisite:**Grade Level(s):** 11th-12th**NCAA Approved Course:**

Students will learn the process of systematic defense for Information Technology systems. They will apply knowledge and skills required to secure network resources including infrastructure, operating systems, data, and applications. Students will apply the knowledge of disaster recovery and business continuity.

EMERGENCY MEDICAL TECHNICIAN/FIREFIGHTING (EMT)**Credits:** 3.0, 3.0**College Credits:****Prerequisite:** Approval of Career Prep Staff**Grade Level(s):** 11th-12th**NCAA Approved Course:**

In this fast-paced and highly challenging program, you'll learn about the science of firefighting, fire prevention, and the safety and hazards associated with fires. You'll study the behavior, suppression, compartmentalization, and investigation of fire and its related emergencies, and all the associated training of an Emergency Medical Technician. Students will spend their senior year on the campus of Auburn Career Center Fire Academy earning college credit and the opportunity to become certified Firefighters and Emergency Medical Technicians.

COURSES:**FOUNDATIONS OF FIRE FIGHTING/EMERGENCY MEDICAL SERVICES 2 CREDITS****EMERGENCY MEDICAL TECHNICIAN 2 CREDITS****FIREFIGHTER I 1 CREDIT****FIREFIGHTER II 1 CREDIT****FOUNDATIONS OF FIREFIGHTING/EMERGENCY MEDICAL (EMT 319/329)****Credits:** 2.0**College Credits:** N/A**Prerequisite:** Approval of Career Prep Staff**Grade Level(s):** 11th-12th**NCAA Approved Course:**

In this first course in the pathway, Fire Fighting and Emergency Medical Services introduces students to the foundational concepts of firefighting safety and emergency medical services. Students will learn and practice skills outlined in the Ohio Department of Public Safety Fire Protection and Ohio Emergency Medical Services rules and regulations in preparation for Firefighter I&II curriculum and EMT licensure.

EMERGENCY MEDICAL TECHNICIAN (401)**Credits:** 2.0**College Credits:** N/A**Prerequisite:** Approval of Career Prep Staff**Grade Level(s):** 11th-12th**NCAA Approved Course:**

Emergency Medical Technicians are first responders who provide basic care to individuals needing medical attention. Students will learn to assess an emergency situation and provide pre-hospital care to stabilize a patient. They will learn the procedures and protocols for patient transport and the transition to advanced medical care.

Students who successfully complete this course at a chartered institution will be eligible to take the National Registry Exam for Ohio EMT certification.

FIREFIGHTER I (EMT439)

Credits: 1.0

College Credits: N/A

Prerequisite: Foundations of Firefighting

Grade Level(s): 11th-12th

NCAA Approved Course:

The Firefighter I course prepares students for a career in the fire service. Students learn the history of firefighting, fire science and techniques to fight fires and conduct rescues. Students will train with tools, appliances and fire equipment in the classroom and in live fire exercises. Students that successfully complete this course at a chartered institution will be eligible to take the Ohio Firefighter I certification test.

FIREFIGHTER II (EMT449)

Credits: 1.0

College Credits: N/A

Prerequisite: Firefighter I

Grade Level(s): 11th-12th

NCAA Approved Course:

The Firefighter II course builds on the knowledge and skills learned in Firefighter I. In this course students will apply knowledge and skills to advanced training in fire suppression, rescue and hazardous materials operations. Students who have completed Firefighter I and successfully complete this course at a chartered institution will be eligible to take the Ohio Firefighter II certification test.

ENGINEERING TECHNOLOGY

Credits: 2.0, 2.0

College Credits: 12.0

Prerequisite: Students must complete a math sequence, Algebra II, Approval of Career Prep Staff

Grade Level(s): 11th-12th

NCAA Approved Course: No

This two-year program, beginning in the junior year, is designed to prepare students for a career in an engineering technology field and to establish a foundation for further university-level study in such fields as architectural, mechanical, electrical/computer, civil, and environmental engineering. This is accomplished by applying problem solving techniques in collaborative real-world situations faced by design engineers. Engineering design principles will be evaluated and explored through exercises and projects that use traditional and computer-aided design techniques. Class projects include mechanical and architectural models with the accompanying design documentation required to turn concepts into production ready products and services. Senior year will continue the engineering design curriculum with the study of machine design, manufacturing process, robotics and computer programming. Membership in Skills USA and Ford PAS is available.

COURSES:

ENGINEERING DESIGN (CTAG) 1 CREDIT

COMPUTER AIDED DRAFTING & MODELING (CTAG) 1 CREDIT

ENGINEERING PRINCIPLES 1 CREDIT DIGITAL ELECTRONICS (CTAG) 1 CREDIT

Engineering Design (PLTW) (EGN139)

Credits: 1.0

Prerequisite: Algebra I

Grade Level(s): 10th - 12th

NCAA Approved Course:

Have you ever considered a profession in engineering? Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

Engineering Principals (PLTW) (EGN239)

Credits: 1.0

Prerequisite: Introduction to Engineering

Grade Level(s): 11th - 12th

NCAA Approved Course:

Have you ever considered a profession in engineering? Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Digital Electronics (PLTW) (EGN339)

Credits: 1.0

Prerequisite: Principles of Engineering

Grade Level(s): 11th - 12th

NCAA Approved Course:

This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Computer Aided Drafting and Modeling (PLTW) (EGN439)

Credits: 1.0

Prerequisite: Digital Electronics

Grade Level(s): 11th - 12th

NCAA Approved Course:

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding

manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

GRAPHIC IMAGING TECHNOLOGY (GRA)

Credits: 2.5, 2.5

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course: No

This two-year Tech Prep program beginning in the junior year offers students the opportunity to develop their creative talents. In this exciting program, students can design and produce their own projects from start to finish. They will learn about design, layout, typesetting, darkroom techniques, and photo-offset printing. Through the use of Macintosh computers, students will learn techniques involved in desktop publishing. These skills are directly related to various phases of newspaper and magazine publishing. The fast growing, \$12 billion graphic industry presents a variety of career options, such as press operating, electronic and desktop publishing and screen printing. Note: Students must provide their own transportation to and/or from WHHS at the beginning and end of the school day. Qualified students who complete the two-year program and the academic requirements will receive Tech Prep college credits. Membership in SKILLS USA is available.

COURSES:

ARTS&COMM/VISUAL DESIGN PRIMER 1 CREDIT

DIGITAL PRINT DESIGN (CTAG) 1 CREDIT

DIGITAL IMAGE EDITING (CTAG) 1.5 CREDITS

ADVERTISING AND COMMUNICATIONS (CTAG) 1.5 CREDITS

VISUAL DESIGN PRIMER (GRA319)

Credits: 1.0

College Credits: N/A

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

Visual design takes the form of charts, drawings, boxes and more. In this first course for the Visual Design and Imaging pathway, students gain a perspective of symbols, typography and product output. They acquire basic knowledge of today's role of graphics in communication industries. Focusing on the consumer, students analyze products and create their own designs for critique. They learn how safety, deadlines, teamwork, and ethics relate to the work.

DIGITAL PRINT DESIGN (GRA329)

Credits: 1.0

College Credits:

Prerequisite: Visual Design Primer

Grade Level(s): 11th – 12th

NCAA Approved Course: No

Starting with understanding target audiences, demographics, product shelf life and sustainability students create designs for two- or three-dimensional products. Using workflow processes, they lay out newsletters, posters, business cards and other products. They create logo and package designs for corporate branding, marketing, and advertising. Critical thinking is engaged in multiple-level critiques.

DIGITAL IMAGE EDITING (GRA419)

Credits: 1.5

College Credits:

Prerequisite: Digital Print Design

Grade Level(s): 11th – 12th

NCAA Approved Course: No

This course focuses on manipulating images for final output through print and Web-based production. Students obtain a brief perspective on analog image editing and delve into the world of editing digital photos, illustrations and other artwork. They learn to adjust resolution and exposure, modify color, compress data, and format and manage files. Students will use problem-solving strategies and work collaboratively to complete the creative process with artists, printers and Web developers.

ADVERTISING AND COMMUNICATION (GRA429)

Credits: 1.5

College Credits:

Prerequisite: Digital Image Editing

Grade Level(s): 11th – 12th

NCAA Approved Course: No

Creators and producers of graphic images must understand how to integrate and adapt creations for multiple marketing purposes. Students research and analyze the power of visuals in advertising campaigns and public relations events. Using the principles of advertising and visual communications, they develop strategies and products for specific purposes and audiences. They use logos, images, and type integrated strategically to create both printed and electronic products on a theme.

MEDIA ARTS (MED)

Credits: 2.0, 2.0

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

An instructional program that provides training in the area of interactive multimedia development that includes creating, designing, and producing interactive multimedia products and services and digitally generated or computer enhanced media. Media Arts students will study photography, videography, graphic design, communication skills, video editing, broadcasting, writing for broadcast, entrepreneurship, and movie making.

COURSES:

INTRODUCTION TO MEDIA ARTS 1 CREDIT

VIDEO PRODUCTION (CTAG) 1 CREDIT

VIDEO BROADCAST 1 CREDIT

DIGITAL CINEMA 1 CREDIT

MARKETING

Marketing Management students will study business and marketing related topics that will include; sales, advertising, promotion, visual merchandising, human relations, employability skills, management theories and practices, and technology in business and marketing.

COURSES:

MARKETING PRINCIPLES 1 CREDIT

PROFESSIONAL AND TECHNICAL SALES 1 CREDIT

MARKETING RESEARCH 1 CREDIT

STRATEGIC ENTREPRENEURSHIP (CTAG) 1 CREDIT

PHARMACY TECHNICIAN (PHM)

Credits: 2.0, 3.0

College Credits: 3.0- 13.0 with certification

Prerequisite: Biology, Algebra I, Approval of Career Prep Staff

Grade Level(s): 11th-12th

NCAA Approved Course: No

This two-year program, beginning in the junior year is designed to prepare students for careers in Pharmacy and other medical fields. It also gives students a sound foundation for further university-level study to become pharmacists, doctors, nurses etc. This is accomplished through classroom, lab, and work-based experiences. Students will receive instruction in pharmacy laws, ethics, calculations, prescription preparation, medical terminology, computer applications, anatomy, physiology, and pathology, first aid, infection control, compounding routes and formulations, employability skills, and pharmacy business. Qualified students who complete the two-year program and meet the academic and attendance requirements will receive Tech Prep college credit. A criminal record background check and drug test may be required for entry into the field. The primary focus of this course is to prepare students to work in a pharmacy as a pharmacy technician. At the conclusion of this program, students will be prepared to take the pharmacy technician certification exams (PTCE). Attaining national certification will allow an individual to work in almost any pharmacy in the country. It will also make students more appealing to potential employers.

COURSES:

MEDICAL TERMINOLOGY (CTAG) 1 CREDIT

PHARMACOLOGY 1 CREDIT

HEALTH SCIENCE TECHNOLOGY 1 CREDIT

LIFESPAN DEVELOPMENT AND MEDICAL INTERVENTION 1 CREDIT

ROBOTICS

Credits: 2.0, 2.0

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

Step into the world of intelligent machines, automation, and next-generation technology. The Robotics Pathway gives students hands-on experience designing, programming, and operating robots used in today's most advanced industries from manufacturing to aerospace. Across four courses, students build a strong foundation in engineering logic, robotic systems, industrial automation, and unmanned aircraft operations. Learners work with real tools and technologies used by engineers and technicians, including robotic arms, sensors, coding platforms, and flight-control systems. Students who complete the pathway gain in-demand technical skills, earn industry-recognized credentials, and prepare for careers or continued study in engineering, robotics, automation, aviation, manufacturing, and other high-growth STEM fields.

COURSES:

ENGINEERING LOGIC 1 CREDIT

ROBOTICS 1 CREDIT

INDUSTRIAL ROBOTICS 1 CREDIT

UNMANNED AIRCRAFT SYSTEMS (CTAG) 1 CREDIT

BIOMEDICAL SCIENCE

Credits: 2.0, 2.0

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place.

In this two-year program, biomedical science students are taking on these same real-world challenges. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills they will use for the rest of their lives.

PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW) (SCI259)

Credits: 1.0

Prerequisite: None

Grade Level(s): 9th - 12th

NCAA Approved Course:

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

HUMAN BODY SYSTEMS (PLTW) (SCI269)

Credits: 1.0

Prerequisite: Principles of Biomedical Science

Grade Level(s): 10th - 12th

NCAA Approved Course:

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

MEDICAL INTERVENTIONS (PLTW) (SCI 459)

Credits: 1.0

Prerequisite: Human Body Systems

Grade Level(s): 12th

NCAA Approved Course:

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

BIOMEDICAL INNOVATIONS (PLTW) (SCI 469)

Credits: 1.0

Prerequisite: Medical Interventions

Grade Level(s): 12th

NCAA Approved Course:

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.

SPORTS MEDICINE AND EXERCISE SCIENCE

This program will educate and prepare the students for a career in an exercise science related field, whether it is physical therapy, athletic training, personal training, or any number of other healthcare fields. The students will have the opportunity to gain hands-on experience with athletic training and personal training. They will also have the opportunities to earn college credits and sit for the certification exam for personal training. This program is affiliated with HOSA-Future Health Professionals.

COURSES:

EXERCISE AND ATHLETIC TRAINING (CTAG) 1 CREDIT

ATHLETIC INJURIES AND PREVENTION 1 CREDIT

FITNESS EVALUATION AND ASSESSMENT (CTAG) 1 CREDIT

NUTRITION AND WELLNESS 1 CREDIT

***SCIENCE ELECTIVE- ANATOMY AND PHYSIOLOGY 1 CREDIT**

TEACHER ACADEMY (TEA)

Credits: 2.0, 2.0

College Credits:

Prerequisite: None

Grade Level(s): 11th – 12th

NCAA Approved Course:

This program is a two-year orientation for the teaching profession. Students are exposed to teaching careers and the education system through simulations, “hands-on” activities, and observations. In addition to the curriculum components, all students are required to participate in a field experience in a public school classroom for approximately 5 weeks. **Will be required to pass CPR/First Aid certification, blood borne pathogens training and basic child development classes.*

COURSES:

FOUNDATIONS OF EDUCATION 1 CREDIT

CLASSROOM MANAGEMENT 1 CREDIT

EDUCATION PRINCIPLES (CTAG) 1 CREDIT

COMMUNITIES, SCHOOLS AND STAKEHOLDERS 1 CREDIT

FAMILY AND CONSUMER SCIENCE

INTRODUCTION TO FAMILY AND CONSUMER SCIENCE (HEC101)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

This first course will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

CAREER & COLLEGE READINESS (HEC402)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th -12th

NCAA Approved Course: No

What career choices do I have? How do I choose a training program? How do I develop a plan of action? If you are ready to design a plan for reaching **your** career goal, this is the semester class for you! Students will create or update their Individual Academic Career Plan while developing the following: time management skills, stress management skills, coping and personal resiliency skills. Students will also learn how to develop core employability skills to be successful at school and in the workplace. Membership in FCCLA (Family Careers, Community Leaders of America) organization is available.

CAREER CONNECTIONS (HEC408)

Credits: .5

Prerequisites: None

Grade Level(s): 9th

NCAA Approved Course: No

In this course, students investigate how classroom learning translates into marketable skills. Through hands-on learning and local business involvement, students will engage in career-related experiences to acquire basic skills in various career fields. This provides students with tangible experiences to begin career decision making. Teachers have the flexibility to select career fields related to Ohio's in-demand jobs represented in the community.

SKILLS FOR BUSINESS (HEC406)

Credits: .5

Prerequisites: None

Grade Level(s): 9th - 12th

NCAA Approved Course: No

The central theme of this course is the development of students' skills that support business employment and entrepreneurial endeavors. Emphasis is placed on using personal, interpersonal and organizational skills that contribute to the success of a business. Students identify their

leadership styles, collaborate with people, develop professional networks, use communication skills, and reflect on their own personal growth. They apply principles needed to contribute to business operations in general and management of projects in particular.

PRINCIPLES OF FOOD (HEC321)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

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

NUTRITION AND WELLNESS (HEC341)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional in-formation will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

PERSONAL FINANCIAL MANAGEMENT (HEC202)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, in-vesting and risk management.

MANAGING LIFE TRANSITIONS (HEC201)

Credits: 0.5

Prerequisite: None

Grade Level(s): 9th-12th

NCAA Approved Course: No

How am I going to handle the stress of finishing high school and getting ready for my future, including entering college? What strategies can I use? How can I become more responsible for my own learning, growth, and success? If you've had any of the above thoughts, then this is the semester class for you! Teens will set personal, school, family, and life goals and then analyze their personal assets and resources to develop and implement plans to achieve their goals. Supporting topics to be studied are: time management skills, causes and implications of stress

and how to address the results, coping with change, changes in gender roles and responsibilities and their impact in all areas of our lives, and the importance of academic success now and in the future. Membership in FCCLA (Family, Career, and Community Leaders of America) organization is available.

GRADS: GRADUATION, REALITY, AND DUAL-ROLE SKILLS

Credits: 1.0

Prerequisite: Pregnant Teen or Teen Parent

Grade Level(s): 9th-12th

NCAA Approved Course: No

GRADS, which stands for Graduation, Reality, and Dual-Role Skills, is an in school instructional and intervention program for pregnant teens and young parents, male and female. GRADS are not a job-training program. Its objectives are to:

1. Help students remain in school during pregnancy.
2. Return to school after the birth of the baby.
3. Continue their education and graduate from high school.
4. Have healthy pregnancies and healthy babies.
5. Learn practical parenting and child-development skills.
6. Gain an orientation to work.
7. Set goals toward balancing work and family.
8. Reduce subsequent pregnancies.

This course provides the knowledge and skills related to the prenatal/postnatal stages, child development and positive parenting. Class discussion encourages setting goals directed toward a positive self-concept; the abilities needed to balance school, work, relationships and family, and the offering of support, which many young parents need and require. Students are introduced to hand and machine sewing, as well as basic cooking techniques.

The GRADS program is presented in flexible formats. Students may attend one GRADS class per day for a year period at Warrensville Heights High School. Units of study include individual investigation developed for each parent at their own level. A number of multi-media resources are used to present the curriculum. Completion of a community service component is required each year.

Warrensville Heights City School District
4743 Richmond Road
Warrensville Heights, OH 44128
216-364-1000

Credit Flexibility
Information and Guidelines

The letter grade to be posted on the transcript and included in the student's grade point average will be awarded as submitted by the Teacher of Record. Credit Flexibility applies to credit earned through pre approved coursework, assessments and/or performances that demonstrate proficiency. Credit awarded through this policy will be posted on the student's transcript and counted as graduation credit in either the related subject area or as an elective.

The school district will communicate the guidelines of the Credit Flexibility policy and program on the district website and in the student handbooks at the middle school and high school levels.

Application: Proposed Learning Plan and Application (PLP)

Any student may create a Proposed Learning Plan (PLP) for credit to be awarded through Credit Flexibility.

The student will submit the PLP on the District Credit Flexibility PLP Application.

The student may be required to provide additional supporting documentation as determined by the School Guidance Counselor or Principal.

Applications for a first semester PLP must be submitted to the building Principal by April 30th of the previous school year. Applications for a second semester PLP must be submitted by November 30.

A new PLP must be submitted with each new option a student attempts.

Review of Application:

The PLP Application should be initiated with the student's Guidance Counselor.

The PLP Application will be reviewed and approved by the building Principal and Department Chair.

Upon approval of the PLP, the student may proceed with the learning activity.

Credit will be awarded when all requirements are completed and evaluated. The teacher of record may consult with the Department Chair of the related department, or others as needed to provide necessary information prior to the awarding of grades and credit.

Awarding Credit:

A student may be eligible to receive credit upon satisfactory completion of the alternative coursework, activity, assessment and/or performance as specified in the PLP. The following standards and guidelines apply to awarding credit:

The total number of credits (full & partial) that may be awarded is not limited.

All PLP's, as applicable, must be aligned to the Ohio Academic Content Standards / Common Core State Standards to receive credit.

The successful completion of a PLP may result in credit being designated as fulfilling either required or elective credit.

Credit for PLP(s) is the pre approved amount based upon the equivalence to the 120-hour (Carnegie unit) course. Partial credit may be awarded if declared on the PLP Application.

If a student transfers from another school district to the Warrensville Heights City School District and the student has not completed the course requirements to receive credit as approved by the other district, the department may consider this a new application for credit. The department may assign partial credit for partial completion as deemed appropriate.

The PLP credits completed in another district before transfer to the Warrensville Heights City Schools will count as credits as awarded by the sending district. The department may review the transfer credit to determine equivalency to specific courses offered by the Warrensville Heights City School District.

The deadline for completion of work shall be no later than the last day of class for the fall and spring semesters.

Determining Grades:

And reviewed by the Content Area Department

Grades are calculated into a student's GPA.

If a student fails to complete the alternative coursework, activity, assessment or performance by the projected completion date, the approval to pursue the proposed credit will be revoked.

The grade must be posted before the credit can count toward graduation.

Access:

This policy does not in any way prohibit access to online education, post-secondary options or services from another district approved by the Board.

Warrensville Heights City School District
4743 Richmond Road
Warrensville Heights, Ohio 44128
216-364-1000

Application for Proposed Learning Plan (PLP) for Credit Flexibility

This application must originate in GUIDANCE with Counselor/Student conference.

Student Information:

Student Name: _____	Grade: _____	ID# _____
Student Email: _____	Student Phone: _____	
Parent/Guardian Address: _____		
Parent/Guardian Email: _____	Parent/Guardian Phone: _____	

Proposed Learning Plan (PLP)

A. Course/Activity Title: _____

Course Duration ☐ Summer ☐ Semester 1 ☐ Semester 2 ☐ Full Year

Projected Completion Date: _____

Type of Credit* ☐ Graded (not weighted) ☐ Graded (weighted) ☐ Pass/Fail

**cannot be changed*

Number of credit(s) ☐ .25 ☐ .50 ☐ .75 ☐ 1.0

B. Action Plan (check all that apply)

☐ Test for Credit ☐ Summer Learning Activity ☐ Correspondence Class

☐ Online Course	☐ Mentorship	☐ Community Service
☐ Internship	☐ Independent Study	☐ Educational Travel
☐ Course Work	☐ Problem-Based Learning	

Names and Contact Information of persons/organizations, including the teacher of record, supporting your PLP:

Name	Phone Number	Email

Application for Proposed Learning Plan (PLP) for Credit Flexibility (cont'd.)

3 Description

Please provide a thorough description of your PLP. Provide necessary supporting documentation. Include your specific learning goals. Plan to maintain a log of contact and/or time. What will you know and be able to do as a result of this PLP? How do you plan to achieve these goals?

4 Assessment/Final Project/Evaluation

How will you demonstrate mastery of your goals? What is the agreed upon grading rubric between you and the teacher of record? Will you be using a combination of end-of-class exams, performances, presentations, portfolios, etc.? Describe how any or all will be used.

How will you determine mastery of your goal?
What is the agreed upon grading rubric?
Will you be using a combination of end-of-class exams, performances, presentations, portfolios, etc.? Describe how any or all will be used.

Application for Proposed Learning Plan (PLP) for Credit Flexibility (cont'd.)

I, (print student name) _____ am interested in pursuing the Credit Flexibility Program for _____ (Full Year, Semester 1, Semester 2, Summer) _____ (year).

I understand the PLP/Credit Flexibility Option is an intensive process designed to allow me to work at my own pace to complete the necessary work.

I know that Warrensville Heights City School District allows credit flexibility options as a means of meeting the diverse instructional needs of students with different talents, interests, and development. All such options must be aligned with the district's educational goals and objectives, and the Ohio Content Standards. These options are expected to meet the current concepts and skills of the course competencies established by the district.

The student and parent must initial each item below as indication of having read and accepted the following stipulations:

Parent Student

The student will hold primary responsibility for the overall success or failure of the course. The teacher of record and/or other school authorities have the right to cancel this course/credit option if the student fails to complete the alternative coursework, activity, assessment or performance by the projected completion date.

The student will be expected to allocate an average of one (1) hour of every school day to work toward the completion of this course.

The teacher of record and/or other school authorities have the right to cancel this course/credit option if: 1) the student violates any rule/policy stated in the Student Handbook; 2) the student does not regularly and actively engage with the teacher and course material by _____ (End date); or 3) the student does not make steady progress toward completion of the course.

The student assumes all financial and transportation obligations.

The teacher of record reserves the right to remove the student from the course for issues involving plagiarism and copyright violation.

The PLP grades are reported on official transcripts.

The teacher of record's decision regarding a withdrawal from the course may be appealed to the Principal. A letter outlining the reason(s) for the appeal must be received by the Principal within 10 calendar days following the notification of withdrawal. The Principal's decision on the appeal is final.

All senior PLP's must be completed by April 30th of the intended graduation year.

The student is responsible for including attendance accountability in his/her log of contact and/or time

If dissatisfied with the results of the grade or credit, the student may appeal the case to the Principal. Appeals must be presented by May 15th (if grade 12) or one week after grade is released (if underclassman). The decision of the Principal is final

Application for Proposed Learning Plan (PLP) for Credit Flexibility (cont'd.)

SIGNATURE/ROUTING

Student _____

Date: _____

Parent _____

Date: _____

School Counselor _____

Date: _____

Teacher of Record _____

Date: _____

Principal _____

Date: _____

Notes:

**Office Use Only:
Approved for Credit
Returned for Review**

DISTRIBUTION:

____ Original-Credit Flexibility Secretary
____ Student/Parent
____ School Counselor
____ School Principal
____ Teacher of Record
____ Student's Cumulative Record

Warrensville Heights City School District
4743 Richmond Road
Warrensville Heights, OH. 44128
Phone: 216.364.1000

Final Grade and Credit Report For PLP Credit Flexibility

Student Information

Student Name _____

Grade Level _____

ID# _____

Course Information

Course Title _____

Teacher of Record _____

Course Duration ____ Summer ____ Semester 1

____ Semester 2 ____ Full Year

Amount of Course Credit

____ .25 ____ .50

____ .75 ____ 1.0

Type of Credit ____ Letter Grade ____ Weighted ____ Pass/Fail

DISTRIBUTION:

- ____ Original-Credit Flexibility Secretary
- ____ Student/Parent
- ____ School Counselor
- ____ School Principal
- ____ Teacher of Record
- ____ Student's Cumulative Record