Niles McKinley High School

Home of the



Red Dragons

**COURSE DESCRIPTION**

**HANDBOOK**

**2020-2021**

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TABLE OF CONTENTS

OHSAA Requirements 5

Valedictorian and Salutatorian Requirements 5

Diploma Requirements 6, 7

TCTC (Trumbull Career & Technical Center) 8

College Prep Courses 8

College Option 8

Drop/Add Course Work 8,9

Movement Between Educational Paths 9

Course Descriptions - english \_

English 9, 10, 11, 12 10, 11

Honors English 9, 10, 11 11

AP English 12 12

College Credit Plus American Literacy & Diversity 2618 12

College Credit Plus Communications 1545 12

college credit plus Writing 1550 13

Creative Writing 1 & 2 13

Young Adult Literature 1 & 2 13, 14

Film Studies 1 & 2 14

course Descriptions - math \_

Integrated/Applied Algebra 14

Academic Algebra 1 14

Academic Geometry 15

Applied Geometry 15

Academic Algebra 2 15

Academic Statistics 15

Advanced Algebra 1 15

Advanced Geometry 16

Advanced Algebra 2 16

Advanced Trigonometry/Pre-Calculus 16

Honors Geometry 16

Honors algebra 16, 17

YSU-Math1510-College in High School 17

YSU-Trigonometry 1511-College in High School 17

YSU Math 1571-College in High School 17

YSU Statistics 2601 – College in High School 18

**Course Descriptions - science**

Physical Science 18

Advanced Biology 18

Biology 18

Human Anatomy 18

Environmental Science 19

Chemistry 19

Physics 19

Medical Terminology 19

Microbiology 19

Physical Geology 19, 20

Course Descriptions – SOCIAL STUDIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_

World History 20

U.S. History 20

American Government 20

Honors World History 21

Honors U.S. History 21

Economics/Current Events 21

Sociology 22

Psychology 22

World Geography 22

World War II/Holocaust 22,23

Freshman Transition 23

course Descriptions – global language \_

French 4 23

Exploratory French 9,10,11,12 23

Italian 1-4 23, 24

Spanish 1-4 24, 25

course Descriptions – fine arts \_

Art 1- 4 25, 26

Art of Crafts 26

Drama 1, 2 26, 27

Teaching Podcasts and Broadcasting 27

The History of Rock and Roll 27

Tales from the crypt and beyond 27

Concert Band 1 - 4 28, 29

Symphonic band 1 – 3 29, 30

Women’s Chorus 31

Concert Choir 31

Belles & Beaux Chamber Choir 31

course Descriptions – health and physical education \_

Physical Education 31

Physical Education Waiver 31, 32

Health 32

course Descriptions – TECHNOLOGY/business department \_

Computer Technology 32

Business & Personal Finance 32

Accounting 1 32

Computer Applications 33

Google Apps 33

Media Production 1, 2, 3 33

Introduction to programming 34

Web Based Computing 34

Animation 34

Technology & Ethics 35

marketing 35

Entrepreneurship 35

Networking 35

Digital Journalism 1, 2, 3 35

course Descriptions – vocational \_

Trumbull Career and Technical Center (TCTC) 36

extra-curricular activities \_

 36, 37, 38

Art Guild, Computer Club, Drama Club, Drill Line, Majorettes, French Club, Future Educators, interact club (Rotary Int.), Italian Club, Key Club (Kiwanis), Library/Guidance/Office aides, National Honor Society, Prep Bowl, SADD, Spanish Club, Speech Team, Student Council, Students for the Environment, Red Dragon Tabletop Gaming Society, Anti-Bullying Club

course Descriptions – athletics \_

 38, 39

Football, Baseball, Softball, Golf, Tennis, Soccer, Bowling, Volleyball, Cheerleading, Track, Cross Country, Basketball

This curriculum guide has been prepared to help each student select the courses that will best fit his/her needs. The curriculum at Niles McKinley High School has been developed to meet the Ohio State Department of Education requirements as well as local Board of Education adopted standards. Registration for August classes takes place before the close of the second semester. Every attempt is made by the counseling staff to help each student select the courses which best fit his/her needs. It is important that a student and his/her parents give these selections careful thought and discussion at that time. Unless there are exceptional reasons, pupils will not be permitted to change schedules after school has opened in August. Adjustments in schedules will be considered for those students failing semester courses.

It is the responsibility of each student to make certain that all requirements for graduation and athletic eligibility are met. Rules, regulations, and policies regarding scholastic credit should be reviewed carefully. The school counselors and administration will make every effort to see that students are scheduled properly. It is each student’s responsibility for his/her progress toward his/her diploma. Graduation and athletic eligibility requirements are listed in the student handbook and this curriculum guide.

The average student is expected to carry the following minimum units of credit each year.

Freshmen 5.75

Sophomore 5.75

Junior 6

Senior 5.5

The OHSAA requires the passing of **5** credits each nine week grading period. In addition, the Board of Education has adopted a minimum 1.0 GPA for athletic participation in the nine-week period.

**Valedictorian and Salutatorian (Starting with the class of 2016)**

In an effort to recognize academic excellence, a class valedictorian and salutatorian will be chosen. The following criteria will be taken into consideration:

* Valedictorian(s) will be the graduating senior(s) having the highest grade point average.
* Salutatorian(s) will be the graduating senior(s) having the second highest grade point average.
* Students must take the required courses and pass with at least a final grade of a B or higher.
* No tutored courses or summer school classes will be accepted
* In case of ties, equal GPA's, CO-valedictorians and/or CO-salutatorians will be named.
* Valedictorian and salutatorian status will be based on the 7th semester GPA.
* To qualify, the student must be enrolled for coursework at Niles McKinley.
* Be enrolled as a student at Niles McKinley High School by the first day of his/her senior year and complete four quarters at Niles McKinley High School.
* Must earn a Diploma with Honors

Required Courses for Valedictorian/Salutatorian Grade

Honors English I 9

Honors English II 10

Honors English III 11

AP English IV 12

Advanced Algebra I 8/9

Advanced Geometry 9/10

Advanced Algebra II 10/11

College Algebra/Trig. 12

Biology 9/10

Chemistry 10/11

Physics 11/12

World Studies 9

US Studies 10

American Government 11/12

Foreign Language 9/10/11/12

Calculus 11/12

\*\*\* Three years of one foreign language or two languages for two years.

**\*\*\*\*** If classes are not offered, they are not required.

The College Credit Plus equivalent as determined by the Niles City School District of any of the above courses shall be sufficient to satisfy any particular course requirement with the exception of

All Honors English and AP English.

***Standard Diploma – Class of 2014 and Beyond***

1. Earn at least 18 points on seven end of course tests, or industry, credential and workforce readiness or earn “remediation-free” scores on either ACT or SAT.

B. Successful completion of 23 credits as follows:

 4 credits of English

 4 credits of Math (Required: 1 credit of Algebra II or its equivalent)

 3 credits of Science With inquiry-based laboratory experience which includes the following, or their equivalent

 (Required: 1 Biological)

 (Required: 1 Physical Science)

 (Advanced study in one or more of the following sciences, one credit: Chemistry, physics, or other physical science, Advanced biology or other life science, Astronomy, physical geology, or other earth or space science)

 3 credits of Social Studies World Studies

 U.S. Studies

 Am. Government

 ½ credit of Physical Education

 ½ credit of Health

1 credit of either Business Technology, or Foreign Language,

 or Career Technology or the combination of any

 6 credits are earned as electives

 1 credit Fine Arts

**High School Academic Diploma with Honors**

In order to earn an Academic Diploma with Honors one must take courses from the Advanced and/or Honors Path.

* English - Four (4) credits
* Math - Four (4) credits (including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content)
* Science – Four (4) credits (including two units of advanced science)
* Social Studies - Four (4) credits
* Foreign Language - Three (3) credits (including at least 2 units in each language studied)
* Fine Arts - One (1) credit
* Grade Point Average – 3.5 on a 4.0 scale

ACT/SAT – 27 ACT / 1210 SAT

\*Career-Technical – Not counted toward requirements and may not be used to meet requirements

\*Electives – Not counted toward requirements

\*Additional Assessment – None

***Trumbull Career and Technical Center – TCTC***

Niles McKinley High School students are offered an opportunity to attend this vocational school located in Champion. All programs are open to male and female students and provide career training. By accepting TCTC’s offer of admission, the student is committed to attend TCTC for the first two weeks of school in the fall. All credits and grades earned there are counted towards graduation at McKinley High School. An opportunity for a TCTC visitation is provided for all students in order to help them make decisions about attending school there. The programs are open to all students who meet the admission requirements. Parents, too, are invited to call the school for a visit.

***College Prep Courses***

The core college curriculum recommended for most colleges consists of:

4 units of English

4 units of Math

4 units of Science

3 units of Social Studies

2-3 units of the same Foreign Language or 2 units each of 2 different languages

1 unit of Fine/Performing Arts

\* Some programs may require more extensive preparation in specific subject areas.

\* Deficiencies may cause college entry rejection or admission on condition.

***College Option ~ College Credit Plus Program (Grades 9-12)***

Qualified students are given the opportunity to enroll full or part time in NON-SECTARIAN college courses for either high school and/or college credit. Two options are available:

Option A - Take college coursework for college credit only; the student is responsible for payment of all costs.

Option B - Take college coursework for college and high school credit; the school district will pay for the required tuition and books.

This is arranged individually through the guidance department. Each college sets the qualifications needed for the Post-Secondary College Option. Students are given this information in the spring each year, and a meeting of the parent and student is required.

***Drop/Add Course Work***

Students are expected to follow through with the subjects they have selected. Students permitted to have a schedule change are those who need subjects missing from their schedules or those who have incomplete schedules. Students in study halls who wish to add a subject in that study hall period may also see if the addition of a class is possible.

**There will be absolutely no dropping/changing of classes unless a computer error has been made or unless the teacher recommends a change**.

Requesting a specific teacher for a particular class will not be considered in making schedule changes. All requests for changes in schedules must be approved by a counselor and the principal. All students are to be enrolled in at least 5 classes. There will be no schedule changes after the **second** week of school or the first after the start of the second semester. After such time the student shall receive withdrawn failing (WF) and the course will be counted in calculating point average.

***Movement between Educational Paths***

Students can be moved between educational paths based upon a recommendation by the student’s teacher, Department Head, and building administrator.

**COURSE DESCRIPTIONS**

**2020-2021**

**ENGLISH DEPARTMENT**

***English 9 1 Credit, 1 Year 9***

This course is an in-depth study of literature, vocabulary, poetry, grammar/usage, and the library media center. The study of literature provides the students with the tools to begin to make critical analysis of the literary works assigned. The fundamentals of grammar are reviewed including parts of speech, sentence elements, punctuation, and capitalization. There is a focus on the study of verbals and their effective uses. The major intent in the area of writing is teaching proper topic sentences, paragraphing, and focusing using the expository persuasive, descriptive, and narrative paragraphs. Final copies of students’ writing are typed on computer.

**Prerequisite: “D” or below in Grade 8 English and Language Arts**

***English 10 1 Credit, 1 Year 10***

This course focuses on non-fiction literature, fiction literature, grammar, writing units, and effective communication skills. The students follow the guidelines for oral communication and give formal and informal presentations based on literary and research studies. The non-fiction literature unit includes narrative essays, reflective essays, and technical reading. The fiction literature unit includes novels, drama, short stories, and poetry. Skills in literary analysis are developed and incorporated into writing skills that are expanded from the basic paragraph to the extended essay. Correct grammar, usage, and the writing process are emphasized. Rough drafts and editing are an integral part of essay writing. The course will include the presentation and development of the research paper. Final copies of the students’ writing are typed on a computer.

**Prerequisite: “D” in English 9**

***English 11 1 Credit, 1 Year 11***

American tradition of literature is presented to the student by studying the foundations of our culture and by expanding the focus through the analysis of the literary movements that have shaped our literature. Some of the writers and poets highlighted are Dickinson, Whitman, Frost, Hemingway, Thurber, and Steinbeck. Students read, discuss, and analyze literature and literary techniques. Students are expected to respond in writing to all literature studied and to read out-of-class novels. Also, this course reviews grammar in order to refine essay writing skills and to develop structured descriptive, narrative, and expository papers. Students increase their vocabulary skills and develop resume skills. **Prerequisite: “D” in English 10**

***English 12 1 Credit, 1 Year 12***

The study of literature presents an overview of the growth and development of literature of the western world. Students study the major authors, selections of literature and historical trends which are relevant to their development. Materials and authors covered may include Beowulf, Chaucer, Shakespeare, Milton, Swift, and the major works of the romantic and Victorian poets and novels. A major emphasis of the course is the essay test and the critical approach to understanding the course material. Proficiency in grammar usage is expected. The course will cover pre-writing skills, selection of topic, audience awareness, topic sentence and thesis statement development, and revision techniques. The major focus is organization and structure of both paragraphs and essays. Students write a variety of types of exposition and may include extended definition, comparison and contrast, opinion/persuasion, research paper, and critical analysis of short stories and novels. Students are introduced to sentence-combining techniques as a way to improve sentence structure and reduce wordiness and repetition. Final copies of the students’ writing are typed on a computer.

**Prerequisite: “D” in English 11**

***Honors English 9, 10, 11 1 Credit, 1 Year 9 10 11***

Honors English courses have been developed to enhance the students’ skill in critical thinking, interpreting, and writing through extensive reading, active discussion participation, and frequent writing. These courses have been designed to prepare the student for AP English 12. If successful, a student may proceed to the next Honors level. Since Honors English is intellectually demanding, it requires consistent effort, excellent work habits, and excellent attendance. These courses have been designed to prepare the student for Advanced Placement English 12. Students who express a desire to be admitted into the Honors English program must meet 3 out of the 4 criteria below:

1. Each student must have earned a grade of **A** or **B** in the previous Academic English or Honors English, or **A** in the previous General English class, or a “**C**” in 8th grade Advanced English.
2. Each student must be recommended by at least **two** previous English teachers.
3. Each student must earn a grade of **4** or **5** on a prescribed writing prompt administered and evaluated by the high school English department.

Students will be assigned summer reading and writing for each Honors English class. Any student who fails to complete summer reading and writing assignments will be dismissed from the Honors program on the first day of the course.

***AP English 12 Literature and Composition 1 Credit, 1 Year 12***

AP English Literature and Composition is designed to provide students with the opportunity and challenge afforded them by taking the equivalent of an introductory college-level writing and literature course. Students will be expected to engage in close readings of literary selections that cover a variety of fiction and nonfiction genre forms focusing on British, American, and world literature from the 1500’s to the present day. Students will be required to carefully and concisely annotate readings, record impressions and observations in an ongoing reading journal, expand and utilize new vocabulary, master literary terms, develop and refine rhetorical writing skills, understand various critical lenses, use effective style, structure, and rhetorical strategies, employ multiple perspectives of literary theory and criticism, and demonstrate efficient use of diction, figurative language, imagery, selection of details and support, language and syntax skills. In addition, all students will take part in large group discussions, Socratic seminar discussions, small group discussions, peer analyses, and teacher workshops. They will be given periodic multiple choice tests and free-response writing prompts from past AP tests, in addition to tests, quizzes, and essays which are comparable to those that appear on the AP literature and composition test. Students will also complete various projects, utilize graphic organizers of various types, and develop note-taking skills by learning and utilizing a specific method such as the Cornell system. Furthermore, students will be trained in the writing process and will write for multiple audiences in varied modes. Specifically, they will write, revise, and edit literary analyses, persuasive compositions, personal essays, comparison essays, research papers, and creative papers. Throughout the year, they will be afforded multiple opportunities to develop their writing voices and improve their writing methods and crafts for a variety of audiences and purposes. Our ultimate aim is to encourage students to develop into perceptive readers, cogent writers, and critical thinkers which will enable them to join the ongoing dialogue of literary criticism.

***College Credit Plus: American Literacy and Diversity English 2618:***

***McKinley - 1 Credit, 1 Semester. YSU - 3 Credits. Grades 11 and 12***

***This class focuses on writers and works in relation to the diversity of American culture, politics, lifestyles, and social movements. The course counts as 1 credit of English at McKinley High, while it also satisfies 3 hours of YSU college credit in English. We will cover a novel, a play, a memoir, and various poems and short stories by a diverse group on multi-ethnic, American literature authors. The assignments will include reading logs, journals, quizzes, in-class writing, discussions, literary analysis essays, and tests.***

***College Credit Plus: Communications Foundations CMST 1545:***

***1 Credit, 1 Semester. YSU SH 3 credits.***

***University Course Description: CMST 1545. Communication Foundations is the study of the theories, strategies, and skills for competent participation in interpersonal, group, and public communication situations. Application exercises in interpersonal, group, and public communication situations are included.***

***Prerequisites: ACT English: 18: Reading: 21.***

***College Credit Plus: Writing 1550 CMST 1545: 1 English Credit, 1 Semester. YSU SH 3 credits.***

***University Course Description: English 1550 provides instruction in writing as a means of critical inquiry, with particular attention to writing processes and on the roles of writer, audience, and purpose as they affect writing. In addition to written work, the course will feature the reading and discussing of thought-provoking texts. This course meets all standards in the State of Ohio Common Core. Prerequisite: ACT English: 18; Reading 21.***

***Creative Writing 1 and 2 ½ Fine Arts Credit, 1 Semester 10 11 12***

This semester-long course will be open to sophomores, juniors, and seniors who are serious about pursuing a career or have a strong interest in the writing arts.

The class will focus primarily on the writing of original short stories and poetry with the understanding that different types of writing will be explored as well. Most of the class will be of a workshop nature. The students will be required to produce and submit writing samples which will be critiqued by their peers and the instructor. The primary goal is to provide the means necessary to finish a final course project that may include--but is not limited to--the following: short story (or stories), a collection of stories and/or poems, or other type of creative writing approved by the instructor.

The remainder of the course will be instruction into overcoming writer’s block, generating ideas, writing strategies, writing exercises, in depth analysis of the elements of both poetry and short stories, and keeping a journal about the writing process.

Another component of the course will be the exploration of self-publishing options and possibilities brought about by various online services such as--but not limited to--the Kindle Direct Publishing program offered by Amazon.com for its Kindle eReading device and the leading print-on-demand company, LuLu.com.

There will be no text book, but there will be supplemental materials provided by the teacher. A book on the writing process may be studied but will be ordered by the students. Grading will be based on student work submissions, an ability to meet deadlines, and the production and quality of the final project.

***Young Adult Literature 1 and 2*  Fine Arts ½ *Credit, Semester 1, 2 9 10 11 12***

These semester-long courses will be open to all students who have a genuine love of reading or who have a strong interest in the study of literature through reading, discussion, analysis, and writing. The courses will be of interest to those wishing an overview of recent reading, publishing, and writing trends.

The classes will focus on literature for and about the young adult. These courses will focus on literature of the last fifty years when both modern teenagers and books designed specifically for them emerged. They will include the critical study and evaluation of the genre; examination of modes and themes found in the literature; study of the relationship of the genre to literature for children and adults. “Young Adult” literature is a marketing term that refers to literature written for and marketed to young adults.Students will participate in whole class readings, small group readings (literature circles), and individualized reading (student choice) and then compare and contrast the various forms. Students will be expected to use a variety of different forms of communication to express and demonstrate their understanding of literature that may include but is not limited to essays, projects, and presentations.

***Film Studies 1*  Fine Arts *½ Credit, 1 Semester 11 12***

In this class, students will learn to analyze movies on a literary, dramatic and cinematic level. We will study the genres of the western, the detective movie, and the gangster movie. We will watch classic movies (some in black and white), as well as more modern ones. The class is offered by the English department and involves writing. Most movies will require a 1-2page response, along with some photo or video projects.

Prerequisite: Due to the mature content and the Restrictive rating of some of the movies, this class is only being offered to the juniors and seniors.

***Film Studies 2* Fine Arts *½ Credit, 1 Semester 11 12***

In this class, students will study comedies in the movies. There will also be 6 weeks of movies to be determined with class input. This class is offered by the English department

and involves writing. Most movies will require a 1-2page response, along with some photo or video projects.

Prerequisite: Due to the mature content and the Restrictive rating of some of the movies, this class is only being offered to the juniors and seniors.

**MATHEMATICS DEPARTMENT**

***Integrated/Applied Algebra 1 Credit, 1 Year ` 9***

This course takes 8th grade math skills and strengthens them to bridge the gap to Algebra 1.

**Prerequisite: Teacher Approval**

***Academic Algebra I 1 Credit, 1 Year 9***

This math course develops the mechanics of performing basic operations on real numbers and progresses to using these skills on algebraic expressions. Topics include: solving linear and quadratic equations, graphing linear and quadratic functions, solving linear inequalities (including absolute value), simplifying exponential expressions, and trigonometric rations.

**Prerequisite: “C” or below in Grade 8 Math**

***Academic Geometry 1 Credit, 1 Year 10***

Geometry is a theory course whose objective is to teach the logic, structure, and vocabulary in math through given rules known as properties definitions, postulates, theorems, and corollaries. Students, while working with the figures of geometry, are asked to construct formal proofs and create algebraic equations using inductive and deductive reasoning. Other topics include: ratio and proportion, area, volume, circle geometry, and basic trigonometry. Algebra is a most important part of geometry with the student responsible for both writing and solving equation.

**Prerequisite: Passing Academic Algebra I**

***Applied Geometry 1 Credit, 1 Year 11***

This math course strengthens skills previously taught in Academic Algebra 1 and Academic Geometry. The course goes into details of graphing, solving equations, formal proofs and reasoning skills.

**Prerequisite: Administrator Approval**

***Academic Algebra 2 1 Credit, 1 Year 11***

This math course covers many of same topics as Academic Algebra 2 but at a more in depth and aggressive pace. Advanced Algebra II uses the foundation from Advanced Algebra I and Advanced Geometry. It serves to broaden the usage of properties, rules, and skills needed for upper level math. Topics covered include: linear and quadratic equations and inequalities, systems of equations, exponents and radicals, matrices, conic sections, and application problems of mixture, distance, area, perimeter, and the like.

**Prerequisite: Passing Academic Geometry**

***Academic Statistics 1 Credit, 1 Year 12***

Required fourth year math that is an introduction to statistical reasoning. Topics include probability, collecting and summarizing data, concepts of randomness and sampling, statistical inference and reasoning, correlation and regression.

Prerequisite: **Passing Algebra 2**

***Advanced Algebra 1 1 Credit, 1 Year 9***

This math course covers many of same topics as Academic Algebra I but at a more in depth and aggressive pace. Topics include: solving linear and quadratic equations, graphing linear

and quadratic functions, solving linear inequalities (including absolute value), simplifying exponential expressions, and trigonometric rations.

**Prerequisite: 75% or higher in Grade 8 Math or Pre-Algebra**

***Advanced Geometry 1 Credit, 1 Year 9 10***

This math course covers many of same topics as Academic Geometry but at a more in depth and aggressive pace. The objective of this course is to teach the logic, structure, and vocabulary in math through given rules known as properties definitions, postulates, theorems, and corollaries. Students, while working with the figures of geometry, are asked to construct formal proofs and create algebraic equations using inductive and deductive reasoning. Other topics include: ratio and proportion, area, volume, circle geometry, and basic trigonometry. Algebra is a most important part of geometry with the student responsible for both writing and solving equation.

**Prerequisite: 75% or higher in Advanced Algebra I**

***Advanced Algebra 2 1 Credit, 1 Year 11***

This math course covers many of same topics as Academic Algebra II but at a more in depth and aggressive pace. Advanced Algebra 2 uses the foundation from Advanced Algebra I and Advanced Geometry. It serves to broaden the usage of properties, rules, and skills needed for upper level math. Topics covered include: linear and quadratic equations and inequalities, systems of equations, exponents and radicals, matrices, conic sections, and application problems of mixture, distance, area, perimeter, and the like.

**Prerequisite: 75% or higher in Advanced Geometry**

***Advanced Trig./Pre-Calculus 1 Credit, 1 Year 11 12***

The main goal of this course is for students to develop an understanding of algebra and to use it as a modeling language for real-life problems in preparation for Calculus. This is obtained by utilizing graphs, problem-solving skills, and discussion problems. Topics include various functions, trigonometry, systems of equations and inequalities, matrices, sequences and probabilities. It is recommended that students have a graphing calculator.

**Prerequisite: 75% or higher in Honors Algebra 2 or Advanced Algebra 2**

***Honors Geometry 1 Credit, 1 Year 9***

Honors Geometry is a theory course which the objective is to teach the logic, structure, and vocabulary of geometry through given rules known as properties, definitions, postulates, theorems, and corollaries. There is an emphasis on independent, self-directed thought processes at an in-depth level. Students are required to construct formal proofs and create/solve algebraic equations using inductive and deductive reasoning. Students utilize technology to explore geometric and trigonometric concepts. If successful, the student may proceed to the next Honors Math level. **Prerequisite: “B“ or higher in Grade 8 Algebra I**

***Honors Algebra 2 1 Credit, 1 Year 10***

Honors Algebra uses the function from Algebra I and Geometry to place emphasis on application problems. It serves to broaden vocabulary, understanding of properties and rules, and skills needed for upper level math. Topics include: linear quadratic equations and inequalities, systems of equations, exponents and radicals, conic section, and application problems of distance, area, mixture, perimeter, and the like. Emphasis is placed on students using a graphing calculator as an investigative tool. The instructor assumes the role of the facilitator as students work at a more in-depth level than required in Algebra II. Students must purchase a graphing calculator as required by the instructor. If successful, the student may proceed to the next Honors Math level.

**Prerequisite: “B“ or higher in Honors Geometry**

***College Algebra (Math 1510 - YSU) 1 Credit, 1 Semester 11 12***

 ***College Credit Plus OR***

***High School credit ½ Credit, 1 Semester 11 12***

Topics include: real and complex numbers; equations and inequalities; circles; linear, quadratic, polynomial, exponential, and logarithmic functions; graphing techniques, systems of equations, and applications.  Students taking the course for high school credit will not have a final exam**. Prerequisite: B in Honors or Advanced Algebra 2.** The course is a ½ math credit (you must take Trigonometry to get your 4th math credit).  \*\*Students taking the course for YSU credit will have a Gateway exam at the beginning of the course and a department final exam at the end of the semester. **Prerequisite is an overall 17 on ACT with a 22 in the math. The class is 3 credit hours.**

***Trigonometry (Math 1511-YSU)*  *1 Credit, 1 Semester 11 12***

***College Credit Plus OR***

***High School credit ½ Credit, 1 Semester 11 12***

Topics include: unit circle, angle measurement, similar triangles, trigonometric ratios in the plane, and right triangle trigonometry. Polar coordinates. Cosine and sine laws. Six trigonometric functions and their graphs. Fundamental identities, equation solving and inverse trigonometric functions. Complex numbers and Real life applications. Students taking the course for high school credit will not have a final exam**. Prerequisite: B in Honors or Advanced Algebra 2**. The course is a ½ math credit.  \*\*Students taking the course for YSU credit will have a Gateway exam at the beginning of the course and a department final exam at the end of the semester. **Prerequisite is an overall 17 on ACT with a 22 in the math. The class is 4 credit hours.**

***YSU Math 1571 – 1 Credit, 1 Year 12***

***College in High School***

The rigor and expectations of this course, including course content are the same as if the course was offered on campus at Youngstown State University. This course covers a sequence of integrated courses in analytic geometry and calculus. A detailed study of limits, derivatives, and integrals of functions of one and several variables with applications. This course is worth (4) college semester hours.

**Prerequisite: “B” or higher in all math courses in the Honors Path, ACT- 25**

***YSU Stat 2601******1 Credit, 1 Year 12***

***College in High School Statistics***

A course designed for students from different disciplines who desire an introduction to statistical reasoning. Topics include collecting and summarizing data, concepts, of randomness and sampling, statistical inference and reasoning, correlation and regression. **Prerequisite: C or better in Advanced Algebra II. You may get the college credit if you meet the additional criteria.**

**SCIENCE DEPARTMENT**

***Physical Science 1 Credit, 1 Year 9 10***

Physical Science is a laboratory science course that provides a development and deeper understanding of basic concepts in chemistry, physics, and the universe. Concepts are addressed through discussion, lecture, lab, activities, and mathematical equations. This course deals with areas such as nature of matter, the changes in matter, motion and energy, waves and their properties, heat, and electricity, and organization of the universe. **Prerequisite: None**  **Fee: $10.00**

***Advanced Biology***  ***1 Credit, 1 Year*** ***9***

Advanced Biology is a laboratory science course that provides a development and understanding of the basic concepts in life sciences. This course includes the study of cellular biology, genetics, evolution, and ecology. This course is designed for the college bound student, where topics are covered in more depth and at a more rigorous pace. Laboratory work and dissection are components of this course.

**Prerequisite: 8th Grade Placement, “B” or Higher in Physical Science Fee: $10.00**

***Biology 1 Credit, 1 Year 10 11 12***

Biology is a laboratory science course that provides a development and understanding of the basic concepts in life sciences. The course includes the study of cellular biology, genetics, evolution, and ecology. Laboratory work and (optional) dissection are components of the course.

**Prerequisite**: **None**  **Fee: $10.00**

***Human Anatomy 1 Credit, 1 Year 10 11 12***

Human Anatomy is a comprehensive course covering the structure and function of the human body. Laboratory experiences and text based activities provide student learning in the following topics in regards to human body structure, function, behavior, and relationships. Dissection of a rat. Appropriate organs for the body systems covered, and a fetal pig will go along with course work.

**Prerequisite: “C” or higher in Advanced Biology or Biology Fee: $10.00**

***Environmental Science 1 Credit, 1 Year 11 12***

Environmental Science is a lab/activities science course that examines the interaction between living and non-living factors in the environment. It is directed toward the student who desires an understanding of the world we live in or desires an excellent preparation for more specific science courses. Students will be expected to complete activities/labs in class and outside of class during this course. A basic understanding of math is necessary.

**Prerequisite: None Fee: $10.00**

***Chemistry 1 Credit, 1 Year 10 11 12***

Chemistry is an academic, laboratory science course. The course is designed to follow a logical sequential development of major chemistry principles. Students will gain an understanding of the language of chemistry, chemical problem solving, equations, and will develop basic laboratory skills. Strong math background is highly recommended.

**Prerequisite: “B” or higher in all math and science courses on the Advanced or Honors Path Fee: $15.00**

***Physics 1 Credit, 1 Year 11 12***

Physics is an academic laboratory course designed for the student preparing to enter college. The course deals with the fundamentals of mechanics, atomic physics, sound, light, magnetism, and electricity. Class work emphasis is on an explanation of physical laws and theories from a conceptual perspective. In lab the emphasis is on the application of problem solving methods to actual situations and proper laboratory technique.

**Prerequisite: “B” or higher in all math and science courses on the Advanced or Honors Path Fee: $10.00**

***Medical Terminology ½ Credit, Semester 11 12***

Medical Terminology is designed to introduce students to the structure of medical terms, including prefixes, suffixes, root words, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate for use in Human Anatomy.

***Microbiology ½ Credit, Semester 11 12***

Microbiology is the study of microorganisms and their effects on living things. We will focus on infectious diseases caused by bacteria and viruses. Students will develop an understanding on prevention and /or spread of these infectious diseases.

***Physical Geology 1 Credit, 1 Year 11 12***

Physical geology incorporates chemistry, physics and environmental science and introduces students to key concepts, principles and theories within geology. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills in the real-world applications. **Prerequisite: 2 credits of science**

**SOCIAL STUDIES DEPARTMENT**

***World History 1 Credit, 1 Year 9***

This course is designed to prepare students for sophomore American History as well as to enhance their knowledge of early modern world history.  The course will cover major world and American events and documents that helped shape the modern world we live in today. Events covered include the American, French, and Latin American Revolutions. Other events include Westward Expansion, The Civil War, The Beginning of the Industrial Revolution, and the World Wars. Documents covered include The Declaration of Independence, The Declaration of the Rights of Man, The Articles of Confederation, The American Constitution, The Gettysburg Address, and modern peace treaties that ended the two world wars. The academic version of this class will focus on students learning the basics of analyzing historical documents. Students will work to develop a basic understanding of cause and effect and how events can shape our current world.

***U.S. History 1 Credit, 1 Year 10***

The students are going to study history in new ways, more thoroughly, with goals that take them beyond mastery of facts and recall of events to the solid grasp of the basic principles on which the achievements of the United States are built. The students hopefully will realize the importance of their contribution as informed citizens in making decisions that are the responsibility and the privilege of a free people. Study will incorporate from the Civil War to the present. This course will also include an in-depth analysis of the following documents in their original texts: the Declaration of Independence, the Northwest Ordinance, the Constitution of the United States with emphasis on the Bill of Rights, and the Ohio Constitution.

***American Government 1 Credit, 1 Year 11 12***

This course is designed to give the students a real understanding of our democratic government in the United States. It will explain our complex system, step by step, so that people who can better understand the government of the United States can take part in it, and make it better. It will explore the social features, economic functions, and other basic principles of our government. Many students have very little understanding about how other governments behave; so the course will also explore other governments, democratic and non-democratic, to see how they meet the needs of their people. It will also cover such areas as: Civil Rights, Politics and Political Parties, the 3 Main Branches of Government, World Politics, and World Economics. This course will also include an in-depth analysis of the following documents in their original texts: the Declaration of Independence, the Northwest Ordinance, the Constitution of the United States with emphasis on the Bill of Rights, and the Ohio Constitution.

***Honors World History 1 Credit, 1 Year 9***

This course is designed to prepare students for sophomore American History as well as to enhance their knowledge of early modern world history.  The course will cover major world and American events and documents that helped shape the modern world we live in today. Events covered include the American, French, and Latin American Revolutions. Other events include Westward Expansion, The Civil War, The Beginning of the Industrial Revolution, and the World Wars. Documents covered include The Declaration of Independence, The Declaration of the Rights of Man, The Articles of Confederation, The American Constitution, The Gettysburg Address, and modern peace treaties that ended the two world wars. The honors version of this course will force students to analyze and create their own thoughts about historical documents. Students will use multiple forms of technology to enhance their understanding of historical events and lastly students will complete an end of year independent study project researching more in-depth a specific topic covered during the class. **Prerequisite: “A” average in Grade 8 Social Studies, recommendation of Teacher and 85% on Honors Entrance Exam or Gifted Social Studies.**

***Honors U.S. History 1 Credit, 1 Year 10***

This course is designed to provide students with the analytical skills and factual knowledge necessary for college. The course will review the sweep of the American Saga and go in depth on major themes in American History. The course examines American History chronologically with an emphasis on evaluation, synthesis and analysis of primary documents. There will be significant learning experiences different from the college-prep United States Studies course including portfolio assignments, novels, and advanced assignments (readings and document-based questions). Supplemental readings and research papers will be required. This course will also include an in-depth analysis of the following documents in their original texts: the Declaration of Independence, the Northwest Ordinance, the Constitution of the United States with emphasis on the Bill of Rights, and the Ohio Constitution.

**Prerequisite: “A” average in Honors World Studies and recommendation of Teacher or Gifted Social Studies.**

***Current Events/Economics ½ Credit, 1 Semester 10 11 12***

Current Events/Economics is designed to provide students in grades 11-12 with the opportunity to apply the skills and knowledge they have gained in grades K through 9. The students will participate in projects that will provide them the opportunity to conduct academic research and to utilize the results of the research in considering solutions to real problems and issues today. Supplemental materials: media center, Internet, newspapers, magazines, videos, public speakers, and public officials.

**Prerequisite: Academic or Honors World Studies**

***Sociology ½ Credit, 1 Semester 10 11 12***

Sociology is the science that deals with the investigation and analysis of human relationships, their causes, and consequences. It has become known as one of the behavioral sciences. Sociology provides a way of understanding human relationships within a given society. The sociologist focuses on social group relations in complex societies. The object of study is man himself who is very interesting, complex, and changeable. This course is an elective that should be taken by all students who have a mature attitude and a desire to better understand and cope with our changing society. The students taking this course should be a good reader with a better than average vocabulary.

***Psychology ½ Credit, 1 Semester 10 11 12***

This course is basically the study of human behavior. It is an introductory course in psychology. The course integrates as much psychology as possible within three quite different theoretical frameworks:

1. The physiological or what goes on within the body.
2. The intra-psychic or what goes on within the mind and the stream of consciousness.
3. The behavioral/social or what goes on within the environment that influences human thoughts and actions.

The student will learn much from this course that can be of practical value in understanding themselves and other people. However, psychology covers a wide range of problems, not only those dealing with people and understanding them. Of course, only rudiments of the subject can be acquired in one semester course. The student who takes the course should be a student who is mature enough to be interested in self-improvement and in human behavior. The student should be a good reader and have a better than average vocabulary.

***World Geography*** ***½ Credit, 1 Semester 10 11 12***

This course will examine not only geographical locations of countries around the world, but also explore their culture. The goal of the course is to expose students to different cultures and how geographical location can impact people's beliefs and way of life as well focusing on geographical skills.

***World War II/Holocaust ½ Credit, 1 Semester 10 11 12***

The purpose of this course is to outline the events that took place during WWII and the signing of the Treaty of Versailles. The events leading up to the rise of Adolf Hitler and other dictators in Germany and the rest of the Axis countries. We will examine how the Great Depression lead the way for the rise of the Nazi party. We will also view the actions of the United States from 1929-1945. We will examine the failure of the League of Nations and the policy of Appeasement as causes of WWII. As we examine the war itself, we will study major battles and turning points that will culminate with a focus on the Holocaust. Students will understand what will eventually be referred to as the Final Solution and the events of mass extermination conducted by the Germans.

***Freshman Transitions ½ Credit, 1 Semester 9***

This course will focus on teaching incoming freshmen basic skills to help them perform

better throughout high school and beyond. Concepts and ideas taught in this class include,

but are not limited to public speaking, basic research skills, resume writing, organizational

skills, study habits.

Becoming College/Career ready Ohio Means Jobs

Social/Soft skills

Academic Expectations

Graduation Requirements

**GLOBAL LANGUAGE DEPARTMENT**

***Exploratory French ½ Credit, 1 Semester 9 10 11 12***

Exploratory French is a semester course designed for students to explore the French language and French-speaking cultures. Students are provided opportunities to communicate in French with their peers and teacher. In addition, they will understand their own culture better as they learn to appreciate different aspects of French-speaking cultures.

***French 4 1 Credit, 1 Year 12***

French 4 is designed to better the students’ French abilities. It enhances the curriculum form level 3. French 4 emphasizes speaking the target language, comprehending French as it is spoken, reading a greater variety of literature from poetry to excerpts from novels to a detective play, *Suivez la Piste*. There will be a review of all grammar with the addition of one more verb tense that will be learned for a total of six with which they will be familiar. The culture of francophone regions will be discussed.

**Prerequisite: “C” or better in French 3**

***Italian 1 1 Credit, 1 Year         9 10 11 12***

Students in Italian 1 will be learning the basics of Italian culture and language.  Students will learn several conversational expressions, Italian pronunciation, numbers through 1,000, and other common vocabulary.  There will also be a stress on Italian grammar, including, but not limited to: regular present tense verbs, irregular verbs *to be* and *to have*, adjective agreement, possessive adjectives, and number and gender of nouns.  Students will be expected and encouraged to participate by speaking, reading, and writing in Italian.  Students who decide to take Italian I should have a strong work ethic and good attendance, as it is difficult to learn a language if they struggle in these areas.

Prerequisite: “B” or better in 8th Grade English class

Upperclassmen - C or better in English class

***Italian 2 1 Credit, 1 Year            10 11 12***

Italian 2 students will thoroughly review all of the grammar and some of the vocabulary that was learned in Italian I.  New vocabulary and grammar will also be acquired in Italian II. Students will be expected and encouraged to participate in class by speaking, reading, and writing in Italian.  Students will also improve their comprehension of written and spoken Italian. Italian culture will also be stressed. Students who continue to Italian 2 should have a strong work ethic and good attendance.

**Prerequisite: “C” or better in Italian 1**

***Italian 3 1 Credit, 1 Year    11 12***

Students in Italian 3 will be reviewing some of what was learned in Italian 1& 2.  They will also learn new vocabulary and a lot of new grammar, including, but not limited to:  present perfect tense, imperfect tense, future tense, and conditional tense. Student will continue to increase their comprehension, writing, and speaking skills.  Student will be required to speak as much Italian as possible in class. Many different aspects of Italian culture will be studied as well. Student who continue to Italian 3 must have a strong work ethic and good attendance to be successful.

**Prerequisite: “C” or better in Italian 2**

***Italian 4 1 Credit, 1 Year         12***

Italian 4 is considered an honors class.  Students in Italian 4 will thoroughly review what was learned in all of their Italian classes. Students will continue to increase their comprehension, writing, and speaking skills.  Students will be required to speak as much Italian as possible in class. Many different aspects of Italian culture will be studied as well. Students who continue to Italian 4 must have a strong work ethic and good attendance to be successful.  As many colleges require students to take a placement test in foreign language, Italian 4 is a critical class to help bridge the gap between high school and college.

**Prerequisite: “C” or better in Italian 3**

***Spanish 1 1 Credit, 1 Year 9 10 11 12***

Spanish 1 is a modern language course intended for those students wishing to enter college.  As the students become familiar with the sound and sight of words, they learn to put them together in simple grammatical structures to make sentences.  The students will be able to recognize and to use the present tense of several verbs correctly. The culture of Hispanic regions will be discussed. Students who decide to take Spanish I should have a strong work ethic and good attendance, as it is difficult to learn a language if they struggle in these areas.

**Prerequisite: “B” or better in 8th Grade English class**

**Upperclassmen - C or better in English class**

***Spanish 2 1 Credit, 1 Year 10 11 12***

Spanish 2 begins with a general review of Spanish I. Review of chapters are covered in depth and survey vocabulary, grammar and language use. The program is proficiency-oriented and standards-based. Textbook tests and cassettes are also utilized. Topics covered include: Present tense (regular and irregular verbs), stem change verbs, preterite tense (regular and irregular verbs), 24 hour clock, culture, commands, reflexive verbs, subjunctive, object pronouns, imperfect tense, preterite vs. imperfect, idiomatic expressions, agreement, ordinal numbers, phonics, future, conditional, perfect tenses, and progressive tenses.

**Prerequisite: “C” or better in Spanish 1 Text used – Realides II**

***Spanish 3 1 Credit, 1 Year 11 12***

Spanish 3 begins with a review of the major language functions, grammatical structures and vocabulary covered in Level 2. The focus is to improve speaking, reading and writing skills. Students will be required to master additional tenses and complex grammar. Vocabulary is expanded and culture is covered in the text. Topics covered include: Subjunctive, idiomatic expressions, ser vs estar, Preterite, Imperfect, Perfect Tenses and object pronouns.

**Prerequisite: “C” or better in Spanish 2 Text used – Realidades III**

***Spanish 4 1 Credit, 1 Year 12***

Spanish 4 is an upper level Spanish course that provides a complete review of select grammar. Each chapter is designed to develop language skills and cultural awareness. Students are required to participate in discussions and write short compositions.

**Prerequisite: “C” or better in Spanish 3 Text used - Conexiones**

**FINE ARTS DEPARTMENT**

***Art 1 1 Credit, 1 Year 9 10 11 12***

Art 1 is designed to develop basic drawing and painting skills. Students will use a variety of materials and techniques to increase their understanding of the art elements and principles of design. Art history, critiques, and self-assessment will be an important part of the course. Art I provides the student with daily opportunities for problem solving and critical assessment that will build self-confidence and enhance communication skills.

**Fee: $50.00**

***Art 2 1 Credit, 1 Year 10 11 12***

Art 2 is a studio course that will emphasize visual problem solving. The course will reinforce student’s understanding of the art elements and principles of design. Students will learn to create, critique, evaluate, and appreciate works of art. Students will become proficient in a variety of techniques and materials. Art II encourages self-confidence, communication skills, and the ability to appreciate the artistic expressions of others.

**Prerequisite: Art 1 with a “B” and the teacher’s written permission Fee: $50.00**

***Art 3 1 Credit, 1 Year 11 12***

Art 3 is a studio course that focuses on problem solving and students developing their own personal style. Students will strive to achieve mastery in two and three dimensional media and techniques. Art 3 helps students to understand their own creative abilities, potentials, and limitations. Emphasis is on visual communication and viewer response.

**Prerequisite: Art I and Art 2 with a “B” or above and the instructor’s written permission Fee: $50.00**

***Art 4 1 Credit, 1 Year 12***

Art 4 is an advanced comprehensive study and media applications course. The student will acquire art knowledge necessary for higher learning experiences and education. Emphasis is on individualized portfolio development and advanced critical and reflective thought. Art IV broadens the students’ artistic vision globally.

**Prerequisite: Art 1, Art 2, and Art 3 and the instructor’s written permission**

 **Fee: $50.00**

***Art of Crafts* *1/2 Credit, 1 Semester 9 10 11 12***

Art of Crafts is a craft based Art course intended for the students who are interested in the creative process, but not interested in the fine art aspect (drawing/painting). Students will learn about the art and craft of various cultures while creating works of art. Students will get to experience working with a variety of different mediums such as paint, clay, fabric, foil, wood and yarn, while learning multiple studio techniques such as: weaving, printmaking and clay. **Fee: $30.00**

***Drama 1 Fine Arts ½ Credit, 1 Semester 11 12***

Drama 1 is a semester Fine Arts course offered to juniors and seniors who have developed excellent memorization skills. Drama I can be scheduled only once during a student’s high school years. This course focuses on the following areas: development of vocal qualities and nonverbal, critiques of professional acting, beginning acting techniques, light board and curtain usage as well as stage preparation, and the history of the theater. Drama 1 assignments include pantomimes, small and large scenes, improvisations, script writing, and theater reviews.

***Drama 2 Fine Arts ½ Credit, 1 Semester 11 12***

Drama 2 is a semester Fine Arts course offered to juniors and seniors who have taken Drama I and earned at least a “C” average in Drama 1. Students will perform large group scenes from plays, movies, and television. They will also write creative script that will be performed on stage. The fourth nine weeks will culminate in a full-scale production of student-directed scenes from a musical or straight play.

**Prerequisite: Drama 1**

***Teaching Podcasts and Broadcasting ½ Credit, 1 Semester 10 11 12***

Students will be exploring and examining a wide variety of school appropriate podcasts. Together we will determine how and why podcasts have so widely and significantly influenced our society and become a new form of literacy. Students will critique the different topics and the podcasts value to the individual and to society. All students will have the opportunity to develop their own podcast. The goal is for students to gain real world knowledge, develop real world connections, and improve literacy and writing skills.

***The History of Rock and Roll*** ***½ Credit, 1 Semester*** ***10 11 12***

Through listening, analysis, discussion, music, and film, students in this semester long class

will explore the cultural trends of the key decades of the twentieth century popular music. Class assignments will be organized around song analysis, small group discussions, and in-class activities.

***Tales from the Crypt and Beyond*** ***½ Credit, 1 Semester***  ***10 11 12***

In this semester long course students will study science fiction, supernatural, and horror in literature with an emphasis on literary, historical, psychological and cultural relevance. Short stories, novels, poems, films, and/or nonfiction related to the genres will be analyzed and discussed.

***College Credit Plus:* ART EASTERN GATEWAY**

***College Credit Plus:* ART101 Survey of Art History-3 College Credits-1 High School Credit, 1 Semester**

**9 10 11 12**

A general study **and** survey of art includes the nature of art, visual elements, the visual arts, history of world art, and applications of designs including crafts, industrial, graphic and computer-aided design. Course may require participation in outside classroom activities/events that relate to the course outcomes. Theory 3 Credits

***College Credit Plus:* ART102 Beginning Drawing**-**3 College Credits-1 High School Credit, 1 Semester**

**9 10 11 12**

An Introduction to the various concerns of drawing including gesture and contour drawing, rendering of volumetric form showing light and shadow, description of forms in space, and basic principles of compositional arrangement. Instruction in the use of black and white drawing media including pencil, charcoal, pen and ink, and ink washes. Drawing will be studied with reference to various historical and cultural styles and techniques. Students will also be encouraged to develop self-expression and creativity. Theory 2hours-Lab 2 hours

**INSTRUMENTAL MUSIC DEPARTMENT**

The Niles McKinley High School Band performs at all Niles High School football games, Niles community parades, band nights, concerts and various competitive and non-competitive events throughout the year.  The purpose of the band program is to develop outstanding high school musicians through growth in areas of musicianship, musical knowledge, teamwork, leadership and discipline.  The goal of the program is to create exceptional marching, symphonic and concert bands.  All members are required to attend band camp and all summer rehearsals in addition to summer, evening and weekend events.

***Concert Band 1*** ***1 Credit, 1 Year        9 10 11 12***

Each student will participate in Marching Band as well as Concert Band. This course will

include all incoming freshman as well as any student who places in this course based on

audition results. A variety of music and skills will be covered throughout the year. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. Any students who have not previously auditioned (i.e. new students regardless of grade) will be placed into this course. **Prerequisite: Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held after school. Fee: Band Camp, uniform cleaning, instrument rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e. trips/solo and ensemble).**

***Concert Band 2 1 Credit, 1 Year          10 11 12***

Each student will participate in Marching Band as well as Concert Band. This course will

include any student who places in this course based on audition results. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. **Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held after school. Fee: Band Camp, uniform cleaning, instrument rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e. trips/solo and ensemble).**

***Concert Band 3 1 Credit, 1 Year         11 12***

Each student will participate in Marching Band as well as Concert Band. This course will

include any student who places in this course based on audition results. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. **Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held after school. Fee: Band Camp, uniform cleaning, instrument rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e. trips/solo and ensemble).**

***Concert Band 4 1 Credit, 1 Year            12***

Each student will participate in Marching Band as well as Concert Band. This course will

include any student who places in this course based on audition results. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. **Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held after school. Fee: Band Camp, uniform cleaning, instrument rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e. trips/solo and ensemble).**

***Symphonic Band 1 1 Credit, 1 Year 10 11 12***

Each student will participate in Marching Band as well as Symphonic Band. This course will include any student who places in this course based on audition results. A variety of music and skills will be covered throughout the year. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. Students in the course have to be dedicated to attending additional performances throughout the year based on the director’s discretion (i. e. Solo & Ensemble, Large Group Contest, Festival of Bands). After school rehearsals will be scheduled as needed**. Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held afterschool. Fee: Band Camp, uniform cleaning, instrumental rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e.** **trips/solo and ensemble).**

***Symphonic Band 2 1 Credit, 1 Year 11 12***

Each student will participate in Marching Band as well as Symphonic Band. This course will include any student who places in this course based on audition results. A variety of music and skills will be covered throughout the year. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. Students in the course have to be dedicated to attending additional performances throughout the year based on the director’s discretion (i. e. Solo & Ensemble, Large Group Contest, Festival of Bands). After school rehearsals will be scheduled as needed**. Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held afterschool. Fee: Band Camp, uniform cleaning, instrumental rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e.** **trips/solo and ensemble).**

***Symphonic Band 3 1 Credit, 1 Year 12***

Each student will participate in Marching Band as well as Symphonic Band. This course will include any student who places in this course based on audition results. A variety of music and skills will be covered throughout the year. During the first 9 weeks a weekly after school rehearsal will be required during the marching season. Students in the course have to be dedicated to attending additional performances throughout the year based on the director’s discretion (i.e. Solo & Ensemble, Large Group Contest, Festival of Bands). After school rehearsals will be scheduled as needed. Prerequisite: “B” or better in previous years Band and/or a personal recommendation from the instructor. Must be able to perform basic musical skills at grade level. **Auditions will be held before Spring Break for placement and scheduling for the upcoming school year. Auditions are blind and will be held after school**. **Fee: Band Camp, uniform cleaning, instrument rental and clothing fees to be determined annually. Additional fees depending on events during the year (i.e. trip/solo and ensemble).**

**CHORAL MUSIC DEPARTMENT**

Members of the Niles McKinley High School Choral Music groups are required to perform in at least two public concerts each year along with dress rehearsals (sometimes 2 or 3 per concert).  Every student is encouraged and required to develop vocal/musical skills and will be evaluated on his/her development through written and vocal assessments.

***Women’s Chorus 1 Credit, 1 Year                    9 10 11 12***

Women’s chorus is an open choir for those ladies who have not successfully completed at least one year of high school choir previously.  All ladies who are new to the high school choir program must take women’s chorus regardless of grade/age with the exception of director’s discretion. The group is also open to ladies who have taken choir before, but wish to sing in a women’s chorus.  Grades are based on participation, preparedness, behavior and concert attendance. **Prerequisite: “B” or better in previous years Choir and/or a personal recommendation from the instructor. This does NOT apply to ladies new to Niles or to the Choir program.**

***Concert Choir 1 Credit, 1 Year     9 10 11 12***

Concert Choir is open to men grades 9-12 and women grades 10-12. All men who are new to high school choir must sign up for concert choir\*.  Only ladies grades 10-12 who have successfully completed one year of women’s chorus or by director permission, may advance into the concert choir.  Grades are based on participation, preparedness, behavior and concert attendance. **Prerequisite: “B” or better in previous years Choir and/or a personal recommendation from the instructor. This does NOT apply to students new to Niles or to the Choir program.**

***Belles & Beaux Chamber Choir*** ***1 Credit, 1 Year        9 10 11 12***

This chamber choir is an **AUDITION ONLY** performance group.  Students must audition for a panel of judges and be accepted into the group. Maximum but not mandatory number of students in this class is 24. Belles & Beaux is a performing group and has 10-15 performances a year. Grades are based on participation, performance attendance, class attendance, behavior, attitude and preparedness.

**HEALTH AND PHYSICAL EDUCATION**

**DEPARTMENT**

***Physical Education ¼ Credit, 1 Semester 9 10 11 12***

Students in grades 9-12 are required to earn one ½ credit in physical education. Usually this is done in 9th or 10th grade. A ¼ credit may be earned by attending class one semester, 5 days a week. Tennis shoes, gym clothes, and/or warm ups are required for participation. Students who cannot actively participate in class for medical or religious reasons are given

alternate assignments, often in the library. Earned points and credits will not apply toward class rank or grade point average.

***PHYSICAL EDUCATION WAIVER***

The Ohio Core Graduation Requirements requires participation for at least **two (2) full seasons** of an approved activity in order to waive the PE requirement. Participation in only **one (1) full season cannot** be combined with 0.25 credits of PE to meet the PE requirements for graduation. PE waiver forms can be obtained in the Guidance Office. If the physical education requirement is waived, students must take a ½ credit course to meet the graduation requirements.

***Health ½ Credit, 1 Semester 10 11 12***

Our health program is designed to help students understand the relationship between our overall well-being and how it relates to our lifestyle and behavior choices. This will be done through discussing areas of our mental, social and physical health while focusing on self-esteem, stress, anxiety, proper nutrition, fitness and our body systems. Students will explore important topics such as relationship/dating abuse, and the current epidemic of opiod addiction and they will also be introduced to life-saving information regarding emergency situations and the use of CPR & AED. Classes are taken only 1 semester per year per student.

**TECHNOLOGY/BUSINESS DEPARTMENT**

***Business and Personal Finance ½ Credit, ½ Year 9 10 11 12***

This class entails learning skills and good habits for individuals to become more financially sound in his/her future. Students will enhance their understanding of the financial concepts of budgets, savings, investments, credit and insurance. Career development and employability skills are also covered in this course.

***Accounting 1 1/2 Credit, 1/2 Year 10 11 12***

Accounting 1 is an introductory course. Excellent attendance and strong math skills are important to be successful. It helps students to learn how to maintain an accounting system for a small business. Topics include: how to set up an accounting system, how to use a journal, how to use a ledger, how to develop financial reports, how to summarize business transactions, and how to determine profit or loss.

***Computer Technology ½ Credit, 1 Semester 10 11 12***

This computer course is aligned with ISTE NET-S standards (http://www.iste.org/welcome.aspx) and covers beginning and middle level understanding in basic computing. It is designed to help students understand the inner workings of computers and computer electronics. The course will study the history of computers and how computers work, how computers make decisions, and how computers work to make the lives of people easier. Some topics that will be discussed in the course include:

* Computer history
* Computer hardware
* Computer electronics
* Computer assembly
* Basic computer programming
* **Prerequisite: Prior computer experience**

***Computer Applications ½ Credit, 1 Semester 9 10 11 12***

This technology course covers mid to advanced level computer skills using common computer application software. It is designed to help students become more proficient in desktop/laptop environments, common computer applications, and useful internet skills. The course will explore computer related career paths and the applications and skills needed for those careers. Some of the topics covered in this course include:

* Advanced Google Suite Skills: Docs, Sheets, Presentations
* Basic computer programming using code.org
* Photo editing

***Google Apps ½ Credit, 1 Semester 9 10 11 12***

This course is designed to help students develop proper techniques when dealing with documents, using primarily Google and Microsoft software. Students will refine their skills to produce and enhance professional looking documents, as well as use a variety of other word processing features.

Additionally, students will use **Google Applied Digital Skills** online program which will expose students to:

* Digital publishing, communication and collaboration
* Researching topics, organizing data, creating reports

***Media Production 1, 2, 3 1 Credit, Full-Year 10 11 12***

Presents several practical hands on experiences in the study of visual and audio communication. Basic media principles, applications and techniques will be applied in the creation of graphic and electronic communication projects. Graphic design projects will be created using iMovie, Adobe Photoshop, and Adobe Premier. Video/audio projects will be written and produced using iMovie and QuickTime applications. Basic photography/video theory and principles will be applied to the student’s individually produced projects.

This course will cover the following topics:

* Photography
* Photo Editing
* Movie Production
* Movie Editing
* Movie Directing

***Introduction to Programming ½ Credit, 1 Semester 9 10 11 12***

Introduction to Programming 1 teaches students to program using HTML and the Python programming language with the help of the repl.it IDE. As an introduction, this course gives students an overview of the different programming languages, different number systems and its conversions and Problem-solving strategies.

Topics in this course include:

* HTML web development
* CSS web design
* JAVAscript
* Programming basics in Python
* Programming basics in C++
* Introduction to Game Design

***Web Based Computing ½ Credit, 1 Semester 9 10 11 12***

Prerequisite: Prior computer experience

This world wide web based computer course is aligned with ISTE NET-S standards (http://www.iste.org/welcome.aspx) and covers beginning and middle level computer skills using common computer web based applications. It is designed to help students become more proficient with web based environments, common web applications, and useful internet skills. The course will explore computer related career paths and the web applications and skills needed for those careers. Some of the topics covered in this course include:

* Google suite skills
* Efficient search engine use
* Basic web design
* Online safety
* Web based encryption
* Online Photo Editing.

**Animation ½ Credit, 1 Semester 9 10 11 12**

Students will use animation and storyboarding techniques to plan the production of an animation project. Students will design from script and storyboard actions in the pre-production planning process. Students will use commercial and open source digital animation software which includes Photoshop, Illustrator and Animation to create finished animations, cartoons, and other short movies. They will accomplish this using animated text, character movements, voice, background sound,

sound effects, camera movements, and multiple scenes.

* Adobe Animate
* Stop Motion
* Photoshop
* Illustrator

**Technology & Ethics ½ Credit, 1 Semester 9, 10, 11, 12**

Technology Ethics is designed to understand and discuss moral issues that surround the development and practical application in the field of electronic technology.  Technology Ethics focuses on subjects such as the relationship between technology and human values, and social repercussions in the advances of technology.

* Google Doc, Sheets, Slides, Forms, Sites

**Marketing ½ Credit, 1 Semester 9 10 11 12**

Marketing students will cover basic skills for success in the world of marketing.  Students will develop the understanding and skills in areas such as customer service, marketing math, human relations, communications, economics, distribution, ethical issues, advertising management, promotion and selling. These principles will enhance their knowledge of owning their own business, pursuing business marketing or working in business.

* Google Doc, Sheets, Slides, Forms, Sites

**Entrepreneurship ½ Credit, 1 Semester 9 10 11 12**

Entrepreneurship explores how emerging social media, information technologies, 3-D printing, and rapid prototyping are transforming career and entrepreneurial opportunities.  The students will have an opportunity to create a 21st century business and marketing plan, logo and create a prototype of a product they will create.

* Google Doc, Sheets, Slides, Forms, Sites

**Networking ½ Credit, 1 Semester 10 11 12**

Students will install, configure, and troubleshoot network hardware and peripherals. Students will learn networking by exploring the OSI model, network topologies, and cabling. Students will design simple networks, know how to select physical devices, and be able to con-figure the equipment. Knowledge and skills relating to the operation and usage of network protocols will be developed.

***Digital Journalism 1, 2, 3 1/2 Credit, 1 semester                11 12***

This class involves the active participation and completion of the Niles McKinley Dragon Yearbook.  Students will participate in all facets of the yearbook production process.  Students are also required to participate in fundraising, sales, and advertising activities.  Students must complete an application available during the scheduling process. The Yearbook Staff will be selected by the advisors based on good attendance, a positive behavior record, and teacher recommendation. Students may not apply if they are credit deficient.

**VOCATIONAL DEPARTMENT**

***Trumbull Career and Technical Center 1 Year 11 12***

***TCTC***

TCTC offers a large variety of full-day career programs with hands-on labs and integrated academic classes to juniors and seniors. Bus transportation is provided. No tuition is charged but most programs require the purchase of tools, and a uniform.

**EXTRA-CURRICULAR ACTIVITIES**

***Art Guild***

Art Guild is a selective group of young artists working to promote the arts through individual, school, community, museum, and art show involvement. Art Guild encourages young artists to pursue their artistic career through hands-on experiences.

***Computer Club***

An organization designed to enhance basic computer knowledge and skill level through the discussion of and experimentation with some of the latest computer, robotic and gaming trends. Group and individual problem solving are supported through hands-on network gaming competition.

***Drama Club***

The intent of this club is to provide interest in the Theatre Arts as well as raising money for the annual Music-Drama production.

***Drill Line***

Drill line members are members of the Niles McKinley Marching Band and are selected through a competitive audition process that takes place in the spring of each school year.  The purpose of the drill line is to enhance the performance of the instrumental ensemble as well as provide a performance outlet for students with advanced dancing and marching abilities.  These students must perform at all football games, parades, concerts and any other functions at which the Niles McKinley Marching Band is performing.  This group rehearses after school.

***Majorettes***

Majorettes are members of the Niles McKinley Marching Band and are selected through a competitive audition process that takes place in the spring of each school year.  The purpose of the majorette line is to enhance the performance of the instrumental ensemble as well as provide a performance outlet for students with advanced twirling, dancing and marching abilities.  These students must perform at all football games, parades, concerts and any other functions at which the Niles McKinley Marching Band is performing.  This group rehearses after school.

***French Club***

The primary function of the French Club is to immerse the student in the French Culture through activities outside of the classroom and to raise money to defray the cost of activities.

***Future Educators***

This club assists high school students in exploring teaching as a choice, provide a realistic understanding of teaching and encourage students from diverse backgrounds to think seriously about the teaching profession.

***Interact Club (Rotary International)***

This club encourages students to develop leadership skills while serving the community. Students work in partnership with the Niles Rotary to complete local and international service projects.

 ***Italian Club***

The Italian Club encourages the advantage of the cultural experiences of the students studying the Italian language. One major aspect of the Italian Club is to raise money for the American Cancer Society. The Italian Club also raises money for classroom supplies and supplemental resources.

***KEY Club (Kiwanis)***

This club encourages students to learn how to serve the school and community and to develop leadership and citizenship. Key Club is organized through the local Kiwanis Club.

***Library/Guidance/Office Aides***

Students can volunteer to assist as office aides in the library, attendance office, main office or guidance department during their scheduled study hall. In order to be an aide, the students must be recommended by a teacher and maintain at least a “C” average in all academic courses.

***National Honor Society***

It is a nationally affiliated organization that involves academics, as well as community service. Members must be elected based on applications and criteria.

***Prep Bowl***

Prep Bowl encourages students to use their knowledge attained in school to compete in a competitive tournament held each year at TCTC. Students are required to attend weekly practices and also participate in the TV show Academic Challenge. The competition has a variety of questions on a diverse range of topics: Math, Literature, Grammar, Writing, Sports, Science, History, and Current Events. During the competitions, the team uses strategies to answer as many questions possible.

***SADD***

This club gets involved in activities that make students aware of changes on making importance decisions. They organize Red Ribbon activities, participate every year in the annual Halloween Parade, help with any Prom assemblies, and organize and plan Grim Reaper Day.

***Spanish Club***

The primary function of the Spanish Club is to immerse the student in the Hispanic Culture through activities outside the classroom and to raise money to defray the cost.

***Speech Team***

This team allows students to develop their public speaking and acting skills. The Speech Team promotes teamwork and character in its members.

***Student Council***

Student Council plans, organizes and carries out all the duties necessary in planning the annual Homecoming Dance and Pre-game Ceremony. These activities include: election of officers, printing ballots, voting, decoration, planning colors and themes, selling tickets, collecting money, rehearsing our pre-game ceremony, announcing our court, and helping with activities at the dance. The Student Council can also participate in any other activities deemed necessary by the building principal such as; helping with the blood drives or school assemblies.

***Students for the Environment***

This club involves itself in beautification projects throughout our community. It also studies ways in which area industries increasingly operate in ways to conserve our natural resources and protect the environment around us.

***Red Dragon Tabletop Gaming Society***

Aims to expose students to the intellectual benefits of tabletop hobby gaming and to foster goodwill among the students of Niles McKinley through the positive social interaction games provide.

***Anti-Bullying Club***

This is an organization dedicated to teaching tolerance for the diverse nature of the students of Niles McKinley and providing a support system to be an additional resource for students who are ostracized or bullied.

**ATHLETICS**

Niles McKinley High School offers a variety of athletic activities for both boys and girls. The Ohio High School Athletic Association requires student athletes to pass 5 one-credit courses or the equivalent in the preceding grading period. Nine week grades are used to determine eligibility, not exam or semester, or yearly averages. For fall athletes we use the 4th nine weeks grades from the preceding year. Listed below are the athletic sports offered to the students at Niles McKinley High School:

***    ***

 Football Baseball Basketball Golf Tennis

 Softball

**  **  ****

 Soccer Bowling Volleyball Cheerleading Track

 Cross Country