

# NORWOOD HIGH SCHOOL

## Program of Studies

2012 – 2013

**\*\*All courses in this book may not be offered. Scheduling of these courses will depend on the number of students signed up for each class.**

**ENGLISH**

**Course Title:** ENGLISH 9 AA  
**Course Number:** 051935  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** English 9 AA is designed for motivated students planning on taking English 11 AA or English 12 AP their junior and senior years. Students will learn and practice techniques of composition and produce multiple forms of writing on topics of their choice as well as on supplemental reading. Students will also study the main genres of literature: fiction, nonfiction, poetry and drama.

**Texts:** *Elements of Literature – 3<sup>rd</sup> Course*  
*English*  
Possible Trade Books:  
*Anthem*  
*Jonathan Livingston Seagull*  
*Fahrenheit 451*  
*Frankenstein*  
*Down River Writer's Inc.*  
*Great Expectations*  
*Animal Farm*  
*The Red Badge of Courage*  
*Phantom of the Opera*  
*Romiette & Julio*  
*Romeo & Juliet*  
*The Chocolate War*  
*The House on Mango Street*  
*The Old Man & the Sea*  
*Profiles in Courage*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** Research Paper and Portfolio  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts 050160  
EMIS Code 050160

**Course Title:** ENGLISH 9 A  
**Course Number:** 051930  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** This course is designed for motivated students willing to undertake a challenging curriculum geared to post-secondary degrees. In this class, students will study grammar, techniques of composition, and literature from both personal and analytical positions.

**Texts:** *Elements of Literature – 3<sup>rd</sup> Course*  
*English*  
Possible Trade Books:  
*Animal Farm*  
*Anthem*  
*Jonathan Livingston Seagull*  
*Fahrenheit 451*  
*Frankenstein*  
*Profiles in Courage*  
*Great Expectations*  
*Down River Writer's Inc.*  
*Animal Farm*  
*The Red Badge of Courage*  
*Romiette & Julio*  
*Romeo & Juliet*  
*Phantom of the Opera*  
*The Chocolate War*  
*The House on Mango Street*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** Research Paper and Portfolio  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts 050160  
EMIS Code 050160

**Course Title:** ENGLISH 10 AA  
**Course Number:** 052025  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** English 9 AA

**Course Description:** This course is designed for motivated students that are planning to take 11AA or 12AP English their junior and senior years. Students will learn and practice techniques of composition and produce multiple forms of writing on topics of their choice as well as on supplemental reading. Students will also study the main genres of literature: fiction, nonfiction, poetry, and drama. This course requires a higher demand of technique and complexity of style in writing. This course also requires more independent reading and initiative.

**Texts:** *Elements of Literature – 4<sup>th</sup> Course English*  
Possible Trade Books:  
*Antigone*  
*A Separate Peace*  
*Dracula*  
*Inherit the Wind*  
*Invisible Man*  
*Julius Caesar*  
*To Kill a Mockingbird*  
*Lord of the Flies*  
*The Merchant of Venice*  
*The Pearl*  
*Illustrated Man*  
*Things Fall Apart*  
*Antigone*  
*Of Mice & Men*  
*Our Town*  
*Wuthering Heights*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** Career Education Paper, Portfolio, and Research Paper

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts II 050170  
EMIS Code 050170

**Course Title:** ENGLISH 10 A  
**Course Number:** 052020  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** English 9 A

**Course Description:** This course is designed for motivated students willing to undertake a challenging curriculum geared to post-secondary degrees. In this class, students will study grammar, techniques of composition, and literature from both personal and analytical positions.

**Texts:** *Elements of Literature – 4<sup>th</sup> Course English*  
Possible Trade Books:  
*Antigone*  
*A Separate Peace*  
*Flowers for Algernon*  
*Forged by Fire*  
*Inherit the Wind*  
*Julius Caesar*  
*Lord of the Flies*  
*Of Mice & Men*  
*Tears of a Tiger*  
*The Merchant of Venice*  
*To Kill a Mockingbird*  
*Twelve Angry Men*  
*Tears of a Tiger*  
*Forget By Fire*  
*Things Fall Apart*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** Career Education Paper, Portfolio, and Research Paper

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts II 050170  
EMIS Code 050170

**Course Title:** ENGLISH 11 AA  
**Course Number:** 053255  
**Grade Level:** 11  
**Credit/Length:** 1/Year  
**Prerequisites:** English 10 AA

**Course Description:** This course is designed for motivated students that are planning to take 12 AP English their senior year. Students will learn and practice techniques of composition and produce a variety of multi-paragraph essays on topics of their choice as well as on supplemental reading. Students will also study classic American authors, their works and the ideology of the time period. A higher demand of technique and complexity of style in writing, as well as increased independent reading and initiative on the part of the students is necessary for success in this course. **There is summer reading required for this course.**

**Texts:**

*Elements of Literature – 5<sup>th</sup> Course*  
*English*  
*Practical Writer*  
Possible Trade Books:  
*A Farewell to Arms*  
*A Lesson Before Dying*  
*All Quiet on the Western Front*  
*Ender's Game*  
*Feed*  
*The Great Gatsby*  
*Ethan Frome*  
*3 Comedies of American Family Life*  
*A Raisin in the Sun*  
*20 Grand Great American Short Stories*  
*The Crucible*  
*The Adventures of Huckleberry Finn*  
*The Grapes of Wrath*  
*The Great Gatsby*  
*The Red Badge of Courage*  
*The Scarlet Letter*  
*12 Angry Men: Other Plays*  
*Spoon River Anthology*  
*15 American One Act Plays*  
*Walden*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper & writing utensils
- folder/binder
- flash drive

**Required Class Project:** Career Passport-1<sup>st</sup> Draft/Portfolio; I-Search Paper

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

**Course Title:** ENGLISH 11 A  
**Course Number:** 053230  
**Grade Level:** 11  
**Credit/Length:** 1/Year  
**Prerequisites:** English 10 A

**Course Description:** This course is designed for motivated students willing to undertake a challenging curriculum geared to post-secondary degrees. In this class, students will study grammar, techniques of composition, and literature from both personal and analytical positions. Students will study American authors and philosophies.

**Texts:**

*Elements of Literature – 5<sup>th</sup> Course*  
*English*  
*Practical Writer*  
Possible Trade Books:  
*A Farewell to Arms*  
*A Lesson Before Dying*  
*All Quiet on the Western Front*  
*Ender's Game*  
*Ethan Frome*  
*Feed*  
*The Adventures of Huckleberry Finn*  
*The Crucible*  
*The Grapes of Wrath*  
*The Great Gatsby*  
*The Red Badge of Courage*  
*The Scarlet Letter*  
*3 Comedies of American Family Life*  
*A Raisin in the Sun*  
*20 Grand Great American Short Stories*  
*12 Angry Men: Other Plays*  
*Spoon River Anthology*  
*15 American One Act Plays*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** Career Passport-1<sup>st</sup> Draft/Portfolio; I-Search Paper

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

**Course Title:** ENGLISH 12 AP  
**Course Number:** 054515  
**Grade Level:** 12  
**Credit/Length:** 1/Year  
**Prerequisites:** English 11 AA (Grade of B or better)Teacher Recommendation

**Course Description:** This course is an **in-depth** study of literature that requires extensive reading from a variety of literature. There is a writing requirement that demands a higher technique of writing. There is greater initiative demanded of students to take charge of their own learning. **There is summer reading required for this course.**

**Texts:**

*Elements of Literature – 6<sup>th</sup> Course*  
Possible Trade Books:  
*1984*  
*Crime & Punishment*  
*The Bluest Eye*  
*The Color Purple*  
*The Good Earth*  
*Cold Mountain*  
*Ragtime*  
*The Picture of Dorian Gray*  
*Othello*  
*Pride & Prejudice*  
*Macbeth*  
*Beloved*  
*Candide*  
*The Catcher in the Rye*  
*Things Fall Apart*  
*Snow Falling On Cedars*  
*Siddhartha*  
*Rosencratz*  
*Brave New World*  
*Hamlet*  
*The Awakening*  
*The Remains of the Day*  
*Guilgenstern are Dead*  
*A Prayer for Owen Meany*  
*The Poisonwood Bible*  
*Heart of Darkness*  
*The Importance of Being Earnest*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper, folder/binder & writing utensils
- flash drive
- AP Test Fee

**Required Class Project:** Career Passport and Research Paper  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

**Specific Course Policies:** Must take the national AP examination held in May.

AP English Literature & Composition 059930

EMIS Code 059930

**Course Title:** ENGLISH 12 AA  
**Course Number:** 054025  
**Grade Level:** 12  
**Credit Length:** 1/Year  
**Prerequisites:** English 11 AA

**Course Description:** This course is designed for motivated students willing to undertake a challenging curriculum geared to post-secondary degrees. Students will receive an in-depth preparation for College Freshman English and will study a variety of classic and contemporary literary works. Students will also explore various writing techniques.

**Texts:**

*Elements of Literature – 6<sup>th</sup> Course*  
*School to Work*  
*10 Steps to Improving College Reading Skills*  
*College Transitions*  
Possible Trade Books:  
*1984*  
*A Tale of Two Cities*  
*Brave New World*  
*Darkness Before Dawn*  
*Gulliver's Travels*  
*Hamlet*  
*Heart of Darkness*  
*Othello*  
*Siddhartha*  
*Macbeth*  
*The Secret Sharer*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper, folder/binder & writing utensils
- flash drive
- silent reading material

**Required Class Project:** Career Passport and Research Paper  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts IV 050190

EMIS Code 050190

**Course Title:** ENGLISH 12 A  
**Course Number:** 054020  
**Grade Level:** 12  
**Credit/Length:** 1/Year  
**Prerequisites:** English 11 A  
**Course Description:** This is the last in the sequence of high school English courses. English 12A continues the study of language and literature through the frame of British and world literature. Daily instruction focuses on sophisticated principles and concepts of grammar, and composition, as applied to the study of literature. This course will prepare students for post-secondary studies.

**Texts:** *Elements of Literature – 6<sup>th</sup> Course*  
*School to Work*  
*10 Steps to Improving College Reading Skills*  
*College Transitions*  
Possible Trade Books:  
*1984*  
*A Tale of Two Cities*  
*Brave New World*  
*Darkness Before Dawn*  
*Gulliver's Travels*  
*Hamlet*  
*Heart of Darkness*  
*Othello*  
*Siddhartha*  
*Macbeth*  
*The Secret Sharer*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper, folder/binder & writing utensils
- flash drive
- silent reading material

**Required Class Project:** Career Passport and Research Paper  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Integrated English Language Arts IV 050190  
EMIS Code 050190

**Course Title:** MYTHOLOGY  
**Course Number:** 053430  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** If gods and goddesses, monsters and battles, love and betrayal, interest you, then the English Department highly recommend the fascinating world of Mythology. Mythology is primarily a study of classic Greek and Roman myths, but does include forays into the myths and legends of other civilizations. This class is designed to expose students to a broader selection of written works beyond the core curriculum. This class is a great enhancement to the understanding of much of what we see, hear, and read in literature, advertising, and entertainment.

**Texts:** *Mythology*  
*The Trojan War*  
*Four Ages of Man*  
*The Adventures of Ulysses*  
*Greek Gods: Heroes*  
*Medieval Myths*  
*Heroco, Gods, Monsters*  
*The Greek Gods and Goddess*  
*The Iliad*  
*The Odyssey*  
*Medieval Man*  
Various novels  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** End of Semester Project  
**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Literature 050300  
EMIS Code 050300

**Course Title:** LITERATURE & FILM

**Course Number:** 053510

**Grade Level:** 10-12

**Credit/Length:** 0.50/Semester

**Prerequisites:** None

**Course Description:** Welcome to a world where the written word becomes action before your very eyes. Literature and Film is a study of classic and modern pieces of literature that have been brought to the silver screen. This class is designed to expose students to a broader selection of written works beyond the core curriculum. This class is a great enhancement to the understanding of much of what we see, hear, and read in literature and entertainment.

**Texts:** Various novels, short stories, non-fiction materials, children literature  
*Shane*  
*Jurassic Park*  
*The Lion, The Witch, and The Wardrobe*  
*Midsummer Night's Dream*  
*Secret Life of Walter Mitty*  
*The Legend of Sleepy Hollow*  
*Dragon Wings*  
*Taming of the Shrew*  
*The Birds*  
*Ja mungi*  
*My Dog Skip*  
*The Witness*  
*Cheaper by the Dozen*  
*The Lady of the Tiger*  
*The Most Dangerous Game*  
*The Necklace*  
*Holes*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes, and projects.

Other English Language Arts Course 059999

EMIS Code 050300

**Course Title:** NEWSPAPER

**Course Number:** 053070

**Grade Level:** 10 - 12

**Credit/Length:** 1/Year

**Prerequisites:** Teacher Recommendation

**Course Description:** This class will apply the skills learned in Journalism. Students will work as a team to produce the school newspaper *The Mirror*.

**Text:** *Scholastic Journalism*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Evaluation Procedure:** Various reading and writing activities related to journalism, homework, tests, quizzes, and newspaper production.

Journalism 050403

EMIS Code 050403

**Course Title:** WORLD LITERATURE  
**Course Number:** 054320  
**Grade Level:** 11 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** Ever wondered what stories were like in other areas of the world? Does every culture write about the same subjects, trying to get across the same themes? If you have, and you wish to further broaden your horizons, then World Literature is for you. World Literature is a study of classic and current authors and works from around the world. This class is designed to expose students to a broader selection of written works beyond the core curriculum. This class is a great enhancement for English 11 and English 12

**Texts:**  
*World Literature*  
*Various novels*  
*Pride and Prejudice*  
*Utopia*  
*Hamlet*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Evaluation Procedure:** Various reading and writing activities, homework, tests, quizzes and projects.

Literature 050300  
EMIS Code 050300

**Course Title:** NOVELS  
**Course Number:** 059000  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** Intrigued by the *Twilight* Series? Fascinated by *Harry Potter*? Just like to read good stuff? Then this is the class for you. Spend the semester exploring books and all they have to offer. This class is designed to expose students to good literature, self-selected and assigned, as well as explore the integral parts of novels.

**Texts:** The following are some of the books students may read.

- *Black Boy*
- *The Education of Little Tree*
- *Tess of the Durbervilles*
- *The Contender*
- *Fantastic Voyage*
- *The Picture of Dorian Gray*
- *A Ring of Endless Light*
- *Call of the Wild/White Fang*
- *The Things They Carried*
- *R is for Rocket*
- *A Prayer for Owen Meany*
- *When the Legends Die*
- *Slam*
- *The Thief*
- *The Butterfly Revolution*
- *The Joy Luck Club*
- *Wolfreider*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- paper
- folder/binder
- flash drive
- silent reading material

**Required Class Project:** End of Semester Project  
**Evaluation Procedure:** Various reading/writing activities & assessments, homework, quizzes, projects

Other English/Language Arts Course 059999  
EMIS Code 059999

**Course Title:** LIFE SKILLS  
**Course Number:** 192310  
**Grade Level:** 10-12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** Life Skills is a class created to help develop independent living skills. These skills include job applications, interviewing, banking, budgeting, cooking, nutrition, healthy living, exercise, etc. Our goal with this class is to begin to prepare you for life after high school and adulthood.  
**Text:** None  
**Supplies/Materials:** At the discretion of the instructor.

English Code: 230500  
EMIS Code 230500

**Course Title** ENGLISH I-IV (Resource English)  
**Course Number:** 191000 - 191300  
**Grade Level** 9-12  
**Credit/Length:** 1 Year  
**Prerequisites:** Teacher Recommendation  
**Course Description:** English I is the introductory course for high school English designed for students with an individualized education plan (IEP). Students learn the basics of the writing process including constructing thesis statements and writing essays. They also study grammar rules and vocabulary. In terms of literature, students typically look closely at each author's style, theme, and plot. Finally students learn about and practice research and public speaking skills. IEP accommodations and reading levels are taken into consideration, but this course of study follows English 9A. Much of the same literature is used when appropriate.  
**Supplies/Materials:** 3 Ring binder, writing utensils, paper.  
**Required Class Project:** Research paper  
**Evaluation Procedure:** Various reading and writing activities, observation, oral assessment, homework, formal assessments, class work, and projects.

English Code: 050160  
EMIS Code: 050160

**Course Title:** ACTING  
**Course Number:** 122410  
**Grade Level:** 9-12  
**Credit/Length:** 1/Year  
**Prerequisites:** None

**Course Description:** This course is a performance class where students use the frame of theater to help understand the world in which they live and provides insight into the behavior of others. The study of self-esteem will help the students better understand him/herself. During the first semester, students will learn the skills needed to develop as a student actor for use during the second semester. Students will learn and demonstrate basic acting techniques as well as read and analyze plays and participate in the performance of the play.

**Text:** None

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- writing utensils
- paper/folder/notebook

**Evaluation Procedures:** Students will be evaluated on both written and performance material

Theater Arts 050600

EMIS Code 050600

**MATHEMATICS**

**Course Title:** ALGEBRA I AA  
**Course Number:** 111900  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** None  
**Course Description:** This is the first in a sequence of courses for the college bound student. It is the foundation for all other math courses. Relevant data analysis, measurement, and geometry topics will be integrated as well. The course will include the study of the following: problem solving; solving linear and quadratic equations; simplification of polynomials; relations and functions; understanding and simplifying rational and radical expressions.

**Text:** *Holt Algebra*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance or observation based. Some or all of the following assessments may be used: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Algebra I 110301  
EMIS Code 110301

**Course Title:** ALGEBRA I A  
**Course Number:** 111910  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** Administrative Placement Only  
**Course Description:** This course will focus on algebra topics such as solving and graphing linear equations in one and two variables, simplifying polynomials and other basics of algebra. Relevant data analysis, measurement and geometry topics will be integrated as well. The pace and scope of this course will be less rigorous than Algebra I AA.

**Text:** *Holt Algebra*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Algebra I 111900  
EMIS Code 111900

**Course Title:** GEOMETRY AA  
**Course Number:** 111305 & 111905  
**Grade Level:** 9 & 10  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra I AA or Administrative Placement

**Course Description:** This course is intended for very talented and motivated math students. Students will be pushed and challenged with a fast paced and strenuous curriculum. Students will study concepts of geometry which include: define and apply properties of geometric figures; describe and apply properties for similar, congruent, and right triangles; recognize and apply relationships involving lines and angles; use coordinate geometry to examine the properties of geometric figures in two-dimensions; understand and apply formulas for perimeter, area, and volume; use deductive and inductive reasoning when reading and writing proofs; transformational geometry; algebraic concepts and techniques will be incorporated in problem solving situations.

**Text:** *Holt Geometry*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- compass, protractor, and ruler
- graph paper
- ruler
- 3 x 5 index cards
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Geometry 111200  
EMIS Code 110200

**Course Title:** GEOMETRY A  
**Course Number:** 111300  
**Grade Level:** 10 & 11  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra I, Integrated Math II or Administrative Placement

**Course Description:** Students will study the basic concepts of geometry which include: define and apply properties of geometric figures; describe and apply properties for similar, congruent, and right triangles; recognize and apply relationships involving lines and angles; use coordinate geometry to examine the properties of geometric figures in two-dimensions; understand and apply formulas for perimeter, area, and volume; use deductive and inductive reasoning when reading and writing proofs; algebraic concepts and techniques will be incorporated in problem solving situations.

**Text:** *Holt Geometry*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- compass, protractor, and ruler
- graph paper
- ruler
- 3 x 5 index cards
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Geometry 111200  
EMIS Code 111200

**Course Title:** INTEGRATED MATH II  
**Course Number:** 112010  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra I A or Administrative Placement

**Course Description:** This course is the second in the series and will again focus on the Ohio Content Standards in Mathematics. Additionally, this course will continue to introduce intermediate algebra and geometry concepts. The co course will include the following: numbers, number sense, and operations; measurement; patterns, functions, and algebra; geometry and spatial sense; and data analysis and probability. This course aligns with the State of Ohio Academic Content Standards in Mathematics.

**Text:** *Math Matters II*

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- compass, protractor, and ruler
- 3 x 5 index cards
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Integrated Mathematics II 110020  
EMIS Code 110020

**Course Title:** ALGEBRA II AA  
**Course Number:** 112105  
**Grade Level:** 10 & 11  
**Credit/Length:** 1/Year  
**Prerequisites:** Geometry AA or Administrative Placement

**Course Description:** This course is the third in a sequence of courses for the college bound student who has a strong mathematical background and a sincere desire to pursue maximum mathematical growth. Algebra II AA is an extensive study of the topics of Algebra II as listed below but includes projects and explorations beyond the regular classroom discussions. Students will use a graphing calculator to explore the characteristics of many algebraic functions. Course topics will include: structure of the real number system; linear and quadratic equations; systems of equalities and inequalities; polynomial and exponential functions; logarithms and logarithmic functions; rational algebraic expressions; irrational and complex numbers; conic sections; arithmetic and geometric sequences; combinations and probability.

**Text:** *Holt Algebra II*

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Scientific calculator is required but a graphing calculator (TI 83 Plus) is recommended.

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Algebra II 110302  
EMIS Code 110302

**Course Title:** ALGEBRA II A  
**Course Number:** 112100  
**Grade Level:** 10 & 11  
**Credit/Length:** 1/Year  
**Prerequisites:** Geometry or Administrative Placement

**Course Description:** This course is the third in a sequence of courses for the college bound student. Algebra I and Geometry will serve as a foundation on which to build further mathematical concepts in this class. Students will also use a graphing calculator to explore the characteristics of many algebraic functions. Course topics will include: structure of the real number system; linear and quadratic equations; systems of equalities and inequalities; polynomial and exponential functions; logarithms and logarithmic functions; rational algebraic expressions; irrational and complex numbers and conic sections.

**Text:** *Holt Algebra II*

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Scientific calculator is required but a graphing calculator (TI 83 Plus) is recommended.

**Evaluation Procedures:** Evaluations may be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Algebra II 110302  
EMIS Code 110302

**Course Title:** INTEGRATED ALGEBRA II  
**Course Number:** 112300  
**Grade Level:** 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Integrated Math III, or Administrative Placement

**Course Description:** This course is the final in the sequence of integrated math courses. The content will be the same as algebra II course but the pace will be better suited for the integrated student. This course will include study of properties and operations, linear equations and inequalities, linear systems, quadratic functions, polynomial functions, logarithmic and exponential functions, and rational and radical functions.

**Text:** Holt Algebra II

**Supplies/Materials** Supplies are subject to the teacher's discretion and may include:

- paper
- pencil
- notebook
- graph paper
- ruler
- scientific calculator

**Evaluation Procedures:** Evaluation can be performance or observation based. Some or all of the following assessments may be used: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Algebra II 110302  
EMIS Code 110302

**Course Title:** PRE-CALCULUS AA  
**Course Number:** 113005  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra II AA or Administrative Placement

**Course Description:** Pre-Calculus AA is the study of math using the real and complex number system in order to prepare students for calculus. Students need to be motivated, self-directed and capable of independent study and learning. Graphing calculators will be used to plot functions, explore relationships between equations and their graphs, create simulations and generate and analyze data. Topics covered in this course include: polynomial, rational, exponential and logarithmic functions; polar coordinates and graphs; geometry of complex numbers; circular functions; trigonometric identities and formulas; limits; sequences, series and the Binomial Theorem; and mathematical induction.

**Text:** *Holt Pre Calculus*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Graphing calculator (TI 83 Plus) is strongly suggested.

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following: attendance; homework; participation and effort; notebooks; quizzes and tests; projects, presentations or portfolios.

Calculus 110600  
EMIS Code 110600

**Course Title:** PRE-CALCULUS A  
**Course Number:** 113000  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra II or Administrative Placement

**Course Description:** Pre-Calculus is the study of math using the real and complex number system in order to prepare students for calculus. Graphing calculators will be used to plot functions, explore relationships between equations and their graphs, create simulations and generate and analyze data. Topics covered in this course include: polynomial, rational, exponential and logarithmic functions; polar coordinates and graphs; geometry of complex numbers; circular functions; trigonometric identities and formulas; sequences and series; and introduction to limits.

**Text:** *Holt Pre Calculus*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Graphing calculator (TI 83 Plus) is strongly suggested.

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Calculus 110600  
EMIS Code 110600

**Course Title:** CALCULUS A  
**Course Number:** 113100  
**Grade Level:** 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Pre-Calculus or Administrative Placement

**Course Description:** Calculus consists of a full academic year of work that is comparable to one-semester calculus courses in colleges and universities. Topics covered will include: elementary functions; graphs; limits; differential calculus; and integral calculus.

**Text:** *Calculus: Graphical, Numerical, Algebraic Technology in Calculus*

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Graphing calculator (TI 83 Plus) is required.

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Calculus 110600  
EMIS Code 110600

**Course Title:** ADVANCED PLACEMENT (AP)  
**CALCULUS AB**  
**Course Number:** 113025  
**Grade Level:** 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Pre-Calculus AA or Administrative Placement

**Course Description:** AP Calculus AB is an Advanced Placement course and consists of a full high school academic year of work that is comparable to calculus courses in colleges and universities. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning. Topics covered will include: elementary functions; graphs; limits; differential calculus; integral calculus.

**Text:** *Calculus: Graphical, Numerical, Algebraic Technology in Calculus Preparing for the AB AP Calculus Examination*

**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- Graphing calculator (TI 83 Plus) is required.

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

AP Calculus AB 119930  
EMIS Code 119930

**Course Title:** PROBABILITY AND STATISTICS  
**Course Number:** 114000  
**Grade Level:** 12  
**Credit/Length :** 0.50/Semester  
**Prerequisites:** Completion of Algebra II  
**Course Description:** This course introduces the student to the basic ideas of descriptive and inferential statistics and probability. Concepts are introduced and reinforced with examples and exercises from a variety of fields ranging from sports to medicine. Students will study concepts which include: independent and dependent probability; deductive and inductive reasoning; interpreting tables, charts and graphs; analysis of measures of central tendencies and variance.  
**Text:** *Elementary Statistics*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- scientific calculator

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Probability & Statistics 111500  
EMIS Code 111500

**Course Title:** TRANSITION MATH  
**Course Number:** 113020  
**Grade Level:** 12  
**Credit/Length :** 0.50/Semester  
**Prerequisites:** Completion of Algebra II  
**Course Description:** This class will prepare students for the transition from high school to college mathematics. In addition, this class will include preparation for the ACT college entrance exam, which the students are required to take. Course topics include: pre-algebra; elementary algebra; intermediate algebra; coordinate geometry; plane geometry; and trigonometry.  
**Text:** *Barron's How to Prepare for the ACT*  
**Supplies/Materials:** Supplies are subject to the teacher's discretion and may include:

- paper
- pencils
- notebook
- graph paper
- ruler
- 3 x 5 index cards
- scientific calculator
- ACT registration fee

**Evaluation Procedures:** Evaluations can be performance based or via observation. The instructor may use some or all of the following assessments: attendance; homework; participation and effort; notebooks; quizzes and tests; projects; presentations or portfolios.

Transition to College Mathematics 111850  
EMIS Code 111850

**SCIENCE**

**Course Title:** PHYSICAL SCIENCE AA  
**Course Number:** 131905  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** This course begins with a review of measurement, metrics, and the scientific method. The proper elements of a scientific investigation are central to the course and a common theme throughout. The first part of the course focuses on basic chemistry concepts. Topics included in this portion of the course build one on another in a logical progression and include the following: phases and classification of matter, the atom, elements and the periodic table, physical and chemical change, and chemical reactions. Basic organic chemistry concepts will be included. The second portion of the course is devoted to the study of energy and basic physics concepts. Motion, energy, heat, light, sound, electricity, and magnetism are important topics included in this part of the course. Demonstrations and laboratory investigations are very important and are included. Lab safety and proper use of equipment is stressed throughout the course. This course will proceed at a fast pace, with emphasis on logical and mathematical relationships. Expect homework assignments several times a week. The concepts covered in this course will be on the Ohio Graduation Test in Science.

**Text:** *Physical Science*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils, colored pencils, calculator, ruler
- loose-leaf paper, graph paper, 3-ring binder

**Required Class Project:** Projects may include:

- research and presentation on physics topics
- research and presentation on chemistry topics
- field trips to local universities, and/or to engineering or science facilities.

**Evaluation Procedures:** Assessment of student progress will be based on: quizzes, tests, laboratory investigations, class work, group activities, participation, homework assignments, & notebook organization.

Physical Sciences 132220  
EMIS Code 132220

**Course Title:** PHYSICAL SCIENCE A  
**Course Number:** 131900  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** This course begins with a review of measurement, metrics, and the scientific method. The proper elements of a scientific investigation are central to the course and a common theme throughout. The first part of the course focuses on basic chemistry concepts. Topics included in this portion of the course build one on another in a logical progression and include the following: phases and classification of matter, the atom, elements and the periodic table, physical and chemical change, and chemical reactions. Basic organic chemistry concepts will be included. The second portion of the course is devoted to the study of energy and basic physics concepts. Motion, energy, heat, light, sound, electricity, and magnetism are important topics included in this part of the course. Demonstrations and laboratory investigations are very important and are included. Lab safety and proper use of equipment is stressed throughout the course. This course will proceed at a fast pace, with emphasis on logical and mathematical relationships. This class is required for graduation and concepts covered in class will be on the Ohio Graduation Test in Science.

**Text:** *Physical Science*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils, colored pencils, calculator, ruler
- loose-leaf paper, graph paper, 3-ring binder

**Required Class Project:** Projects may include:

- 1 page research on physics topics
- 1 page research on chemistry topics

**Evaluation Procedures:** Assessment of student progress will be based on a combination of the following: quizzes, tests, laboratory investigations, class work, group activities, participation, homework assignments, and notebook organization.

Physical Sciences 132220  
EMIS Code 132220

**Course Title:** BIOLOGY AA  
**Course Number:** 132105  
**Grade/Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** Physical Science AA  
(Grade of C or better)

**Course Description:** The students in this course will be preparing for Advanced Placement courses, specifically AP Biology. This curriculum will mirror the Biology A course in scope and sequence but will have added concept detail so that students will be prepared for the Advanced Placement course to follow. In addition to the challenging curriculum a new learning model will be developed whereby the student starts sharing in the learning process. Outside work and research will be expected. Home study is required. Due to the volume of information, each student must develop organizational skills like those practiced at the college level. As with any course, attendance is critical. This course demands a dedication to learning that is typical of a mature learner.

**Text:** *Modern Biology*

**Class Projects:** Weekly reading of scientific journal

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- binders with organizational tabs and pockets
- access to computer

**Evaluation Procedures:** Evaluation will cover the student's performance on tests, quizzes, daily homework, chapter readings, labs and projects.

Biological Sciences 132230  
EMIS Code 132230

**Course Title:** BIOLOGY A  
**Course Number:** 132000  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** Physical Science A

**Course Description:** This course focuses on the study of life. Basic biological concepts will be covered and a high level of comprehension is expected. During the first quarter, students will cover the following topics: scientific method, organic compounds found in living things, the plant and animal cell and their functions, respiration, photosynthesis, cell division, genetics, and evolution. During the second quarter, students will cover the following topics: classification of living things, bacteria, fungi, protists, invertebrates, vertebrates, the human body systems and plants. This class is required for graduation and the concepts covered in class will be found on the Ohio Graduation Test in Science.

**Text:** *Modern Biology*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 3-ringed binder
- folder with pockets and prongs
- colored pencils

**Required Class Project:** Animal dissection or report

**Evaluation Procedures:** The quarter grade is determined by averaging tests, quizzes, lab work, homework, and class work. Notebooks will be collected regularly. The semester albs are cumulative. NOTE: Some labs cannot be made up due to the short viability of chemicals used. Notebooks will be collected regularly. The quarter is determined by averaging tests, quizzes, lab work, homework, and class work. Note: Some labs cannot be made up due to the short viability of chemicals used.

Biological Sciences 132230  
EMIS Code 132230

**Course Title:** ADVANCED PLACEMENT (AP)  
**BIOLOGY**

**Course Number:** 134125  
**Grade/Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** None

**Course Description:** The AP Biology Course consists of the AP Board required twelve labs and related concepts needed to pass the AP Biology examination. In addition to mastering the challenging curriculum, students are expected to share in the learning process. Outside work and research will be commonplace. Enrichment readings and home study is expected. Due to the volume of information, each student must develop organizational skills like those practiced at the college level. As with any course, attendance is critical. This course demands a dedication to learning that is typical of a mature learner. This course is fast-paced and reflects college level work.

**Text:** *Modern Biology*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- AP Test Fee
- binders with organizational tabs and pockets
- access to computer
- index cards

**Required Class Project:** Weekly reading of scientific journals

**Evaluation Procedures:** Evaluation will cover the student's performance on tests, quizzes, daily homework, chapter readings and labs.

AP Biology 139903  
EMIS Code 139903

**Course Title:** ANATOMY & PHYSIOLOGY

**Course Number:** 133400  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Biology

**Course Description:** This course concentrates on the following systems of the human body: Skeletal, Muscular, Cardiovascular, Nervous, Endocrine, Respiratory, Integumentary, Digestive, Excretory, and Reproductive. The physiology (structure and function at the cellular level) of each system is studied in detail as well as gross anatomy (identification of organs in each organ system). Included in the class is a field trip (when available) to the University of Cincinnati Medical Center for a human cadaver dissection. Attendance on this field trip is optional and has limited seating.

**Text:** *Human Anatomy and Physiology*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 3-ringed binder
- folder with pockets and prongs
- colored pencils

**Required Class Project:** For each system studied, students will prepare a two-minute presentation and present it to the class. Construction of an anatomically correct human skeleton model (when available).

**Evaluation:** There will be a test given for each system of the body studied. The final exams at the end of each semester are cumulative, and count for 20% of the final grade. Notebooks will be graded regularly. The quarter grade is determined by averaging tests, quizzes, lab work, homework and projects.

Advanced Biology 132330  
EMIS Code 132330

**Course Title:** ZOOLOGY  
**Course Number:** 133410  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Biology

**Course Description:** This course is a sub-discipline of biology that focuses on animals. It is an intensive course that looks more in depth at the animal Phyla that students were introduced to in Biology. During the first semester, students will study the following invertebrate phyla: Porifera, Cnidaria, Platyhelminthes, Nematoda, Rotifera, Mollusca, Annelida, Arthropoda, and Echinodermata. Most of the second semester will be devoted to studying the Phylum Chordata, which includes the vertebrates and larger animals. Evolutionary relationships among the animals are stressed and terminology is important.

**Text:** *Zoology*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 3-ringed binder
- index cards
- colored pencils

**Required Class Project:** Students do an animal research project, a “Sell That Invertebrate” Project, several dissections, and numerous animal related readings, and an animal report.

**Evaluation Procedures:** The grade is determined by averaging tests, quizzes, a notebook grade, daily homework, projects, dissections, and any assigned class work. Note: Some labs cannot be made up due to the ordering of live specimens or the availability of preserved specimens.

Advanced Biology 132330  
EMIS Code 132330

**Course Name:** CHEMISTRY A  
**Course Number:** 133000  
**Prerequisite:** Algebra, Physical Chemistry  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** 2 Science Credits

**Course Description:** Chemistry A studies the nature of the substances and how we interact with them. The first half of the year deals with the nature of chemistry and the structure of matter. Emphasis is on atomic structure and a study of the modern periodic table including the trends in physical and chemical properties of the elements. The second half of the year deals with how matter interacts: how elements bond together to form compounds; the reactions of elements and compounds to form new substances; and the reaction stoichiometry are the primary emphasis. How gases and solutions behave rounds out the second half of the year. The year ends with a study of chemicals in our daily life and how they impact our lives.

**Text:** *Chemistry: Connections to our Changing World*

**Supplies/Materials:** Supplies are at the discretion of the teacher but will include:

- Scientific calculator (graphing not necessary)
- 3 ring binder with 4 dividers

**Evaluation Procedures:** Evaluation procedures will cover students' performance on tests, quizzes, homework, labs and projects:

- 60% Formal assessments – quizzes, tests, reports/presentations and lab write-ups
- 30% Classwork
- 10% Homework

Chemistry 130301  
EMIS Code 130301

**Course Title:** CHEMISTRY AA  
**Course Number:** 133155  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Algebra I B or better & 2 science credits

**Course Description:** Chemistry AA is an intense yearlong college preparatory course of study preparing students for AP Chemistry. The study of chemistry requires strong math and critical thinking skills. The first half of the year deals with the nature of chemistry and the structure of matter. Emphasis is on current quantum theory, atomic structure and a thorough study of the modern periodic table including the trends in physical and chemical properties of the elements. The second half of the year deals with how matter interacts: how elements bond together to form compounds; the reactions of elements and compounds to form new substances; and reaction stoichiometry are the primary emphasis. How gases and solutions behave rounds out the second half of the year. The year ends with a quick examination of electrochemistry, organic chemistry and the chemistry of life (biochemistry).

**Text:** *Chemistry: Connections to Our Changing World*

**Supplies/Materials:** Supplies are at the discretion of the teacher but will include:

- Scientific calculator (graphing not necessary)
- 3 ring binder with 4 dividers

**Evaluation Procedures:** Evaluation procedures will cover students' performance on tests, quizzes, homework, labs and projects:

- 60% Formal assessments – quizzes, tests, reports/presentations and lab write-ups
- 30% Classwork
- 10% Homework

Chemistry 130301  
EMIS Code 130301

**Course Title:** ADVANCED PLACEMENT (AP)  
**CHEMISTRY**

**Course Number:** 133005  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:**

Completion of Chemistry course with a B or better or Permission from instructor & completion of Algebra I (Grade of B or better)

**Course Description:** AP Chemistry is equivalent to a college general chemistry course. It is designed to be taken by students who have successfully completed Chemistry and is geared toward highly motivated students with interests in chemical and physical sciences. It has applications in the biological and earth sciences, as well. This course prepares students to take the AP Chemistry exam in May of the academic year. The course curriculum is specified by The College Board. AP Chemistry topics include atomic theory, chemical bonding, phases of matter, solutions, types of reactions, equilibrium, reaction kinetics, electrochemistry and thermodynamics. The twenty-two required labs ensure students acquire good laboratory skills. Students are required to do an assignment over the summer prior to beginning the course and attendance out of normal class time will be required to ensure completion of all required laboratories.

**Text:** Zumdahl Zumdahl Chemistry 6 Edition

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- AP Chemistry Test Fee
- scientific calculator
- 3 ring binder with 4 dividers
- composition notebook with binding

**Evaluation Procedures:** Evaluation procedures will cover students' performance on tests, quizzes, homework, labs and projects:

- 60% Formal assessments – quizzes, tests, reports/presentations and lab write-ups
- 30% Classwork
- 10% Homework

AP Chemistry 139906  
EMIS Code 139906

**Course Title:** ENVIRONMENTAL SCIENCE

**Course Number:** 133200

**Grade Level:** 11 & 12

**Credit/Length:** 1/Year

**Prerequisites:** Biology

**Course Description:** During the first semester of this course students will cover topics such as habitat, population and growth of species, resource availability, the effects of wild fires, biomes and typical species found in each biome, logging and desertification. During the second semester, students will cover aquatic biomes, water quality and pollution, greenhouse effect, urban sprawl, pesticides and their effect on the environment, fossil fuels and alternative fuels, biodiversity, and the outlook for the future.

**Text:** *Environmental Science*  
*The Condor's Shadow*  
*Jaguar*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- writing utensils
- colored pencils
- 3 ring binder

**Required Class Project:** Students will do an endangered species project and several smaller projects throughout the year. Students are required to bring in a weekly current event that deals with an environmental issue.

**Evaluation Procedures:** Two exams will be given (one at the end of each semester). The exams are worth a total of 20% of the final grade. Quarter grades come from a combination of tests, quizzes, homework, projects, notebook grade, and in class participation grades.

Environmental Science 132350  
EMIS Code 132350

**Course Title:** PHYSICS

**Course Number:** 134000

**Grade Level:** 11 & 12

**Credit/Length:** 1/Year

**Prerequisites:** Algebra II

**Course Description:** Physics begins with an overview and review of mathematical and analytical concepts. The course is anchored in the exploration of Galilean kinematics and Newtonian mechanics. These concepts are covered extensively from both mathematical and practical viewpoints. The course includes the study of modern astronomical concepts with required reading pertaining to current theories. The remainder of the course is devoted to the study of basic concepts in the realm of energy: nuclear energy, optics, electricity, magnetism, and wave theory. Math principles, relationships, and formulae are central to the study of all physics concepts. Practical applications and implications in the real world are equally stressed. The course ends with a discussion of relativity and relativistic outcomes. This course is designed to prepare students for basic college courses in physics and provide them with improved thinking and problem-solving skills.

**Text:** Prentice Hall – Conceptual Physics-  
Hewitt

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- loose-leaf paper and writing utensils
- 3-ringed binder with pockets
- scientific calculator
- protractor

**Evaluation Procedures:** Assignments will be expected daily and grades will be based on the following approximations: class work 30%; homework 10%; formal assessment (e.g. tests, quizzes, labs, projects, research papers) 60%.

Physics 130302  
EMIS Code 130302

**Course Title:** ADVANCED PLACEMENT (AP)  
**PHYSICS**  
**Course Number:** 134005  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Completion of a Physics course with a B or better or permission from instructor & completion of Algebra II (Grade of B or better)

**Course Description:** The Advanced Placement Physics B is an algebra-based course in general Physics, covering a wide variety of topics. It is the equivalent to an introductory algebra-based university level physics course. Our emphasis will be on understanding concepts and skills, and using the concepts with formulas to solve problem. We will also include laboratory work as an integral part of this course. Course goals include developing each student's intuition, creativity and investigative skills to read, understand and interpret physical information, use the scientific method to analyze a particular physical phenomenon or problem, use basic mathematical reasoning in a physical situation or problem, perform experiments, interpret the results of observations and communicate results, including uncertainty assessment. To be successful in this course, you must be willing to put forth extra effort outside of the school day. It is also expected that students will take the Advanced Placement exam at the end of year

**Text:** Prentice Hall – Physics: Principles with Applications 6<sup>th</sup> edition-Giancoli

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- loose-leaf paper and writing utensils
- 3-ringed binder with pockets
- scientific calculator
- protractor

**Evaluation Procedures:** Assignments will be expected daily and grades will be based on the following approximations: class work 30%; homework 10%; formal assessment (e.g. tests, quizzes, labs, projects, research papers) 60%.

AP Physics 132325  
EMIS Code 132325

**Course Title:** CHEMISTRY IN THE COMMUNITY  
**Course Number:** 133150  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** 2 Science Credits  
**Course Description:** Chemistry in the Community brings a more practical use of chemistry into the classroom. Each unit is based on a real-live environmental problem. The course begins with an intense study of water. The emphasis here is placed on a wide variety of topics including basic properties of water, solution formation and concentration and acid-base chemistry. Topics briefly discussed include the naming and formula writing of ionic compounds, Quantum Theory, and working with chemical equations. Next is an intense study of the various materials in our world. The emphasis of this unit is the periodic table including periodic trends such as electro-negativity, as well as the structure and properties of the atom. The third unit looks at petroleum and its many uses. Concepts covered within this unit include the study of hydrocarbons, separation techniques such as fractional distillation, and energy conservation and alternatives. The final unit is a study of our atmosphere. This unit looks at the composition of our atmosphere, the properties of gases, and the reactions those gases may go through including the production of acid rain. The electromagnetic spectrum as well as gas laws are discussed in this unit as well.  
**Text:** Chemistry in the Community  
**Supplies/Materials:** Supplies are at the discretion of the teacher and may include:

Calculator  
3 ring binder with dividers

**Evaluation Procedures:** Homework assignments and lab work constitute a large portion of the grade. This includes participation & effort as well as technique, calculations, and report. Test & quizzes account for the remainder of the grade.

Chemistry 130301  
EMIS Code 130301

**Course Title:** EARTH SCIENCE  
**Course Number:** 131400  
**Grade Level:** 10, 11&12, Priority to 11 & 12  
Needing Science OGT  
**Credit/Length:** 1/Year  
**Prerequisites:** Physical Science

**Course Description:** This one year course explores the foundations of Earth Science in the following related topics /fields: Earth's place in the universe, dynamic Earth processes, Energy in the Earth system, biochemical cycles, structure and composition of the atmosphere, and Ohio geology. The course covers scientific terminology, historical and cultural advances in science, vocabulary building, test taking strategies, and several simulated labs, hands-on labs, the essay, and science projects using the scientific method. Students will be guided through the many concepts found on the Ohio Graduation Test in Science.

**Text:** *Earth Science: Geology, the Environment, and the Universe*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 3-ringed binder
- writing utensils
- colored pencils

**Evaluation Procedures:** Quarter grades are determined by the following scale:

- 60% Formal Assessments
- 30% Class work
- 10% Homework

There will be a comprehensive final exam at the end of the semester.

Earth & Space Sciences 132240  
EMIS Code 132240

# **SOCIAL STUDIES**

**Course Title:** MODERN WORLD HISTORY AA  
**Course Number:** 153915  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** This course addresses the ideas, values, institutions, great events, and personalities in the development of civilization from early Western history to the present. Topics include Ancient Greece, Rome, Christian institutions of the Middle Ages, the Age of Kings, Religious Wars, the Industrial Revolution, World War I, World War II, the Cold War, Genocide, and Terrorism. The objective is to understand the social, political, historical, economic, and cultural issues and themes which have defined concepts of humanity and society in the Western and non-Western world. Upon completion of the course, students will be able to analyze significant political, socioeconomic, and cultural developments in early and modern Western Civilization using a variety of methods including geographic tools, interpretive data, charts, and primary sources. This course will prepare students for the Ohio High School Graduation Test in Social Studies.

**Text:** *Modern World History: Patterns of Interaction- Ohio Edition (2003)*  
**Supplies/Materials:** Notebook/Paper  
3-Ring Binder  
Writing Materials  
Colored Pencils/Markers  
Ruler & Index Cards

**Evaluation Procedures:** There will be a variety of both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, use of technology, quizzes, vocabulary tests, simulations, games, performance assessments, group & individual projects, essays, research papers, power point presentations, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

History (World) 150890  
EMIS Code 150890

**Course Title:** MODERN WORLD HISTORY A  
**Course Number:** 153910  
**Grade Level:** 9  
**Credit/Length:** 1/Year  
**Prerequisites:** 8<sup>th</sup> Grade Teacher Recommendation  
**Course Description:** This course is an overview of the major social, historical, cultural, political, and economic events that have shaped Western Civilization and their impact on the non-Western world. Topics include Ancient Greece, Rome, Middle Ages, Age of Kings, Industrial Revolution, World War I, World War II, Cold War, and Vietnam. Upon completion of this course, students will be able to correlate past events to the present issues in the world. This course will prepare students for the Ohio High School Graduation Test in Social Studies.

**Text:** *Modern World History: Patterns of Interaction- Ohio Edition (2003)*  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, use of technology, quizzes, vocabulary tests, homework, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, journals, power point presentations, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

History (World) 150890  
EMIS Code 150890

**Course Title:** AMERICAN HISTORY A  
**Course Number:** 153350  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** None

**Course Description:** This survey course will cover topics from Reconstruction to the present. Topics include industrialization, immigration, the Great Depression, American involvement in World War I, World War II, Korea, Vietnam, and social conflict. Upon completion of this course, students will be able to examine significant political, socioeconomic, and cultural developments in American history. This course will emphasize content and instructional techniques that will prepare students for the Ohio High School Graduation Test in Social Studies.

**Text:** *The Americans: Ohio Edition* (2003)  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, use of technology, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, power point presentations, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

History (American) 150810  
EMIS Code 150810

**Course Title:** AMERICAN HISTORY AA  
**Course Number:** 153345  
**Grade Level:** 10  
**Credit/Length:** 1/Year  
**Prerequisites:** Modern World History (Grade of B or better) Teacher Recommendation

**Course Description:** This survey course will cover topics from Reconstruction to the present. Topics include industrialization, immigration, the Great Depression, American involvement in World War I, World War II, Korea, Vietnam, and social conflict. Upon completion of this course, students will be able to examine significant political, socioeconomic, and cultural developments in American history. This is a rigorous course that will emphasize content and employ instructional techniques such as interpreting graphs and charts, primary source documentation and extended response questioning.

**Text:** *The Americans: Ohio Edition* (2003)  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, use of technology, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, power point presentations, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

History (American) 150810  
EMIS Code 150810

**Course Title:** ADVANCED PLACEMENT (AP)  
GOVERNMENT AND POLITICS

**Course Number:** 153505

**Grade Level:** 11 - 12

**Credit/Length:** 1/Year

**Prerequisites:** Teacher Recommendation

**Course Description:** This course is designed as an introductory college level course concerned with the nature of the American political system and its development over the past two centuries, its framework, traditions, and values. The student will examine in detail the principle processes and institutions through which the political system functions, as well as the implementation of public policies. The course is divided into six units: (1) Constitutional Underpinnings of US Government; (2) Political Beliefs and Behaviors; (3) Political Parties, Interest Groups, and Mass Media; (4) Institutions of National Government; (5) Public Policy; and (6) Civil Rights and Civil Liberties.

**Texts:** *Government By The People* (2001)  
*21 Debated Issues in American Politics*, 2<sup>nd</sup> Ed.  
*American Government Readings and Cases*, 20<sup>th</sup> Ed.  
*The Lanahan Readings in American Policy*, 2<sup>nd</sup> Ed.  
*American Government: Annual Editions*

**Supplies/Materials:** Notebook/Paper  
(2) 3 inch 3-Ring Binders  
Writing Materials/ Colored Pencils/Markers  
Ruler & Index Cards  
AP Test Fee

**Evaluation Procedures:** There will be a variety of both formal and informal assessments. Assessments may include formal written tests, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, journals, and other activities to enhance the student's overall academic experience.

AP Government & Politics (US) 159950  
EMIS Code 159950

**Course Title:** AMERICAN GOVERNMENT &  
ECONOMIC SYSTEMS A

**Course Number:** 153500

**Grade Level:** 11

**Credit/Length:** 1/Year

**Prerequisites:** None

**Course Description:** This course is a study of the government and economic systems of the United States. Topics to be discussed include, but are not limited to: Federalism; Separation of Powers; Historical Foundations of the Constitution; Amendments and the Amendment Process; How A Bill Becomes A Law; Three Branches of Government; the Election Process; Civil Rights and Civil Liberties; Different Government & Systems; Fiscal and Monetary Policy; Federal and Individual Budgetary Issues; Inflation; Unemployment; Gross Domestic Product; Consumer price Index; and Stock Market. This course aligns to the State of Ohio Academic Content Standards in Social Studies.

**Text:** *Magruder's American Government*

**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, use of technology, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, power point presentations, essays, research papers, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

Government/Economics 150308  
EMIS Code 150308

**Course Title:** SOCIOLOGY  
**Course Number:** 153400  
**Grade Level:** 11 & 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This is an introductory course that surveys the major disciplines in Sociology including the major theories, principles, and methods that provide a basic understanding of the social aspects of human life. Topics will include the causes and conflicts of human problems, social deviance, and contemporary problems in society.

**Text:** *Sociology & You*  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers

**Evaluation Procedures:** There will be a variety of both formal and informal assessments. Assessments may include, but are not limited to: formal written tests, use of technology, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, power point presentations, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

Sociology 151300  
EMIS Code 151300

**Course Title:** CONTEMPORARY GLOBAL ISSUES  
**Course Number:** 154100  
**Grade Level:** 11 & 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This course looks at the issues that transcend national boundaries and demand the world's attention. Topics to be researched, discussed and debated are: globalization, terrorism, environmentalism, ethnic conflict, and weapon proliferation. Focus will be paid to analyzing different sources and points of view to formulate opinions on global issues. The class will also attempt to demonstrate the direction that the U.S. and the world is heading and how students can best prepare themselves to succeed in our rapidly changing world. Students will be required to complete five hours of volunteer service during the semester. Detail will be given in the syllabus

**Text:** None  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials

**Evaluation Procedures:** There will be a variety of both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

Other Social Studies 159999  
EMIS Code 159999

**Course Title:** HISTORY OF THE HOLOCAUST  
**Course Number:** 153450  
**Grade Level:** 11 & 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This course is an interdisciplinary examination of the social, psychological, and political dimensions of the Holocaust. Topics include social, psychological, and cultural origins of the Holocaust (including the role of Christian anti-Semitism); social, psychological, and religious aspects of NAZI ideology; understanding perpetrators, victims, and bystanders; and the lasting effects of the Holocaust in society today. This course will use a variety of mediums, including primary source documentation, literature, and film to understand the Holocaust in its historical perspective.

**Text:** TBA  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

Other Social Studies 159999  
EMIS Code 159999

**Course Title:** THE LAW & YOU  
**Course Number:** 154010  
**Grade Level:** 9 -12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This course will examine the Constitution and focus on certain individuals rights and amendments. Different government systems will also be examined. This course will also examine law-related subjects relevant to the student's life. Topics include family law, criminal law and procedure and juvenile justice. The course emphasizes individual accountability and the role of law in American society.

**Text:** *Street Law, 7<sup>th</sup> Edition*  
**Supplies/Materials:** Notebook  
3-Ring Binder  
Paper  
Writing Materials  
Colored Pencils  
Colored Markers  
Ruler  
Index Cards

**Evaluation Procedures:** There will be a variety of assessments that will include both formal and informal assessments. Those assessments may include, but are not limited to: formal written tests, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, notebook checks, class participation, journals, and other activities as deemed appropriate by the instructor to enhance the student's overall academic experience.

Other Social Studies 159999  
EMIS Code 159999

**Course Title:** HISTORY THROUGH FILM

**Course Number:** 153600

**Grade Level:** 11 & 12

**Credit/Length:** 0.50/Semester

**Prerequisites:** None

**Course Description:** Hollywood films are an interpretation of their society. This course will examine Hollywood films as historical evidence. We will review movies on various topics and complete a project or movie review comparing the film to traditional sources such as books and articles. Historical topics will include the American Revolution, Slavery, the Civil War, the Populist and Gilded age, Prohibition and the Great Depression, World War II, Civil Rights, the Cold War, Watergate and Nixon and recent United States history. Students will develop an understanding of American culture and society, the ability to analyze movies and other cultural artifacts through a variety of methodologies, and an understanding of the historical development of film making in the United States.

**Text:** None

**Supplies/Materials:** Notebook

3-Ring Binder

Paper

Writing Materials

Colored Pencils

Colored Markers

**Evaluation Procedures:** There will be a variety of both formal and informal assessments. Assessments may include, but are not limited to: formal written tests, use of technology, oral presentations, quizzes, vocabulary tests, simulations, games, performance assessments, authentic assessments, group projects, individual projects, essays, research papers, power point

Other Social Studies 159999

EMIS Code 159999

**FINE ARTS**

**Course Title:** ART I  
**Course Number:** 021100  
**Grade Level:** 9 - 12  
**Credit /Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This course is an introductory level art course that explores the elements and principles of design, aesthetic appreciation, art history and careers. Through drawing, painting, mixed media, and other two-dimensional creations, artistic expression is explored in introductory studio projects that promote interest and preference in the visual arts.

**Text:** *Creating and Understanding Drawing*

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 11 X 14 sketchbook
- 1 6B + 2B pencils
- Small pencil sharpener
- folder

**Evaluation Procedures:** Daily and weekly critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and a final exam will determine grade. Students will create and matt a variety of artwork in preparation for various art competitions and presenting/displaying your work at the annual Art Expo.

Visual Art 020012  
EMIS Code 020012

**Course Title:** ART II  
**Course Number:** 021700  
**Grade Level:** 9 - 12  
**Credit /Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This course is a second level art course for those students who are interested in expanding their knowledge and skill level in the visual arts. It further explores the concepts of the elements and principles of design, aesthetic appreciation, methodology, and art history. Through two-dimensional and three-dimensional construction, a variety of media is explored which further promotes individuality and creativity.

**Text:** None

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 11 X 14 sketchbook
- 1 6B + 2B pencils
- Small pencil sharpeners

**Evaluation Procedures:** Daily and weekly critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and a final exam will determine grade. Students will create and matt a variety of artwork in preparation for various art competitions and presenting/displaying work at the annual Art Expo.

Visual Art 020012  
EMIS Code 020012

**Course Title:** ART III  
**Course Number:** 022000  
**Grade Level:** 10 - 12  
**Credit /Length:** 0.50/Semester  
**Prerequisites:** Art II

**Course Description:** This course continues to develop artistic skill, promotes increased awareness, and introduces more complex techniques and challenging media. Individualization is stressed which enhances individual ability for leisure or professional pursuits. Portfolios are **required**, and a continued emphasis on appreciation, art history and careers are stressed.

**Text:** None

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- sketchbook
- drawing pencils
- Prismacolor pencils
- fine and extra-fine black sharpie markers
- folder

**Evaluation Procedures:** Critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and a final exam will determine grade.

**Specific Course Policies:** Students will be required to orally present a collection of their work at end of course.

Visual Art 020012  
EMIS Code 020012

**Course Title:** ART IV/PORTFOLIO DEVELOPMENT  
**Course Number:** 022100  
**Grade Level:** 11 & 12  
**Credit /Length:** 1 Year  
**Prerequisites:** Art III

**Course Description:** This advanced art course is intended to help the non-art majors and the art major complete a portfolio of work in which they can present to a prospective college/university, to Scholastic Art Awards, or in preparation for displaying, presenting a portfolio as a senior at the Art Expo in May. Students will be expected to produce a minimum of fifteen works of art in a variety of media, techniques and subject matter. Emphasis is placed on drawing from observation; the application of color and design principles; the development of a body of work that is of the students own choosing; and application of the critique process in written and oral form.

**Text:** None

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 11 x 14 sketchbook
- drawing pencils – 6B + 2B
- Prismacolor pencils

**Evaluation Procedures:** Daily and weekly critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and a final exam will determine grade.

**Specific Course Policies:** Students will be required to orally present their portfolios in class and visually display their portfolios at the annual art expo in May.

Visual Art 020012  
EMIS Code 020012

**Course Title:** ADVANCED PLACEMENT (AP)  
**STUDIO ART-DRAWING**

**Course Number:** 025105  
**Grade Level:** 11 & 12  
**Credit /Length:** 1/Year  
**Prerequisites:** Art II

**Course Description:** AP Studio Art is designed to help students experience college level art while still in high school. This class is designed for students who wish to pursue art programs in college or who wish to explore intensely their artistic potential while still in high school. Students who enroll in AP Studio Art must complete a portfolio containing: a 24-piece digital portfolio; five original pieces, and a concentration statement. The portfolio development includes twelve pieces of a varied nature that exhibit a wide range of artistic drawing skills and another body of work that is an investigation of a theme chosen by each student, along with a presentation of the five best works that exhibit detail, excellent craftsmanship and strong composition along with originality of expression.

Summer work is required for this course.  
In order to pass the course, students MUST complete the entire portfolio.

**Text:** None  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- AP Test Fee

**Evaluation Procedures:** Daily and weekly critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and portfolio completion final determine grade.

**Specific Course Policies:** Each student who takes AP Art History must take the national AP examination held in May. Each student is also required to submit an entire portfolio for the National AP Studio Art Examination in May. No written National Examination is required.

AP Studio Art029100  
EMIS Code 029100

**Course Title:** ADVANCED PLACEMENT (AP) 2D  
**DESIGN**

**Course Number:** 025115  
**Grade Level:** 11 & 12  
**Credit /Length:** 1/Year  
**Prerequisites:** Art II

**Course Description:** AP Studio Art is designed to help students experience college level art while still in high school. This class is designed for students who wish to pursue art programs in college or who wish to explore intensely their artistic potential while still in high school. Students who enroll in AP Studio Art must complete a portfolio containing: a 24-piece digital portfolio; five original pieces, and a concentration statement. The portfolio development includes twelve pieces of a varied nature that exhibit a wide range of artistic drawing skills and another body of work that is an investigation of a theme chosen by each student, along with a presentation of the five best works that exhibit detail, excellent craftsmanship and strong composition along with originality of expression. The focus of 2-D Design is the integration of and development of the Principles and Elements of Design.

Summer work is required for this course.  
In order to pass the course, students MUST complete the entire portfolio.

**Text:** None  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- AP Test Fee

**Evaluation Procedures:** Daily and weekly critiques, self-evaluations, quizzes, tests, daily work, homework assignments, teacher observation, short and long term projects, and portfolio completion final determine grade.

**Specific Course Policies:** Each student who takes AP Art History must take the national AP examination held in May. Each student is also required to submit an entire portfolio for the National AP Studio Art Examination in May. No written National Examination is required.

AP Studio Art029100  
EMIS Code 029100

**Course Title:** CERAMICS I  
**Course Number:** 023010  
**Grade Level:** 9 - 12  
**Credit /Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** Ceramics explores clay techniques. Emphasis is placed on hand building (coil, slab and pinch methods). Sculpting and glazing will be a prominent part of this class. The students will also learn about the science of clay and the process it must go through to become a finished piece.  
**Text:** None  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 8 x 10 or larger sketchbook
- pencil
- folder
- 2 medium trash bags
- 1 small plastic container with lid

**Evaluation Procedures:** Critiques, Quizzes, and Written Exam  
**Specific Course Policies:** Students will be required to complete studio projects and weekly homework assignments. A research paper will be required accompanying the final project.

Ceramics 020242  
EMIS Code 020242

**Course Title:** CERAMICS II  
**Course Number:** 023020  
**Grade Level:** 9- 12  
**Credit /Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** Did you love Ceramics? Then take Ceramics II and strengthen your hand building techniques! This semester long class involves further exploration of clay techniques, emphasizing coil, slab, and pinch methods, with the potter's wheel being optional. Skills stressed include sculpting, theme and art history related project development, and surface decoration techniques.  
**Text:** None  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- 8 x 10 or larger sketchbook
- pencil
- folder
- 2 medium trash bags
- 1 small plastic container with lid

**Evaluation Procedures:** Critiques, Quizzes, and Written Exam  
**Specific Course Policies:** Students will be required to complete studio projects and weekly homework assignments and presenting a display at the Art Expo in May.

Ceramics 020242  
EMIS Code 020242

**Course Title:** COMPUTER GRAPHIC DESIGN I  
**Course Number:** 020300  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** This class studies the creation of artistic expression using computer software to generate projects. Students will use a series of computer programs to establish a progression of technology sophistication and knowledge. The students will incorporate the elements and principles of art to create original works of art with authentic design and special effects. Computer animated graphics will also be taught.

**Text:** On-Line Materials  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder
- CD-R
- photo paper for printers

**Evaluation Procedures:** Critiques, self-evaluations, quizzes, tests, daily work, teacher observation, short and long term projects and a final exam will determine grade.

Graphic Arts/Unified Arts 020320  
EMIS Code 020320

**Course Title:** COMPUTER GRAPHIC DESIGN II  
**Course Number:** 020310  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Computer Graphic Design I  
**Course Description:** This class continues the techniques and processes that were taught in Computer Graphic Design I. Students are expected to create more complex and imaginative works of computer generated art. Computer animated graphics and sound will be taught in greater detail in this course. This class further explores the concepts of design, aesthetic appreciation, and methodology of art. Students will explore the impact of computer graphics in careers, and its progression throughout history.

**Text:** On-Line Materials  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder
- CD-R
- photo paper for printers

**Evaluation Procedures:** Critiques, self-evaluations, quizzes, tests, daily work, teacher observation, short and long term projects and a final exam will determine grade.

Graphic Arts/Unified Arts 020320  
EMIS Code 020320

**Course Title:** PHOTOGRAPHY I  
**Course Number:** 020200  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Art I Suggested  
**Course Description:** This class will deal with the basics of exposure, composition, and digital manipulation to create an effective photograph, video or other available technologies. The main emphasis will be geared around creating photographs that are original and incorporate the elements and principles of art. Self-expression and imagination is necessary to produce quality works of art.  
**Text:** *Exploring Photography & On-line Materials*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- photo paper for printers
- sketchbook/paper
- writing instruments
- folder
- CD-R

**Evaluation Procedures:** *Critiques, self-evaluations, quizzes, tests, daily work, homework* assignments, teacher observation, short and long term projects, and a final exam will determine grade.

Photography & Film Making 020270  
EMIS Code 020270

**Course Title:** PHOTOGRAPHY II  
**Course Number:** 020210  
**Grade Level:** 9- 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Photography I  
**Course Description:** This class continues to explore the artistic creations of digital photography. The students will be required to use the basic applications that were taught in Photography I to develop photographic ideas with context. The class will also experiment with mixing photography with other media. Self-expression and imagination is necessary to produce quality works of art.  
**Text:** *Exploring Photography & On-line Materials*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- photo paper for printers
- sketchbook/paper
- writing instruments
- folder
- CD-R

**Evaluation Procedures:** *Critiques, self-evaluations, quizzes, tests, daily work, homework* assignments, teacher observation, short and long term projects, and a final exam will determine grade.

Photography & Film Making 020270  
EMIS Code 020270

**Course Title:** INTERACTIVE PHOTOGRAPHY  
**Course Number:** 020220  
**Grade Level:** 10-12  
**Credit/ Length:** 0.50/ Semester  
**Prerequisites:** Photography I and pre-approval of the instructor

**Course Description:** Interactive photography is a program which provides individualized instruction for students who have special needs in photography through peer teaching. Individualized instruction is provided by the teacher through peer-tutors. Students who want to be involved with students with special needs must have Administrative approval. Students and peer-tutors interactively explore photography through instruction and taking photographs. Each Interactive Photography class can accommodate a maximum of 30 students (15 exceptional learners and 15 peer-tutors). The goals of the program are similar to concepts taught in Photography I. Students will learn to properly use the camera to create interesting photographic compositions using a variety of methods including framing, camera angles, lighting, and scene settings. Students will also be introduced to Adobe Photoshop Elements to digitally enhance and manipulate photographs on the computer. Improvement and progress is measured on short and long range objectives including camera control, composition and technology skills. Peer-tutors are also assessed on their involvement and development on class goals.

There are three key points to this program:

- Success for all
- Peer-tutoring
- Inclusion with appropriate accommodations for each student

**Text:** None  
**Supplies/ Materials:** Supplies are at the discretion of the teacher but may include:

- Paper
- Writing instruments
- Technology Use
- CD-R

**Evaluation Procedures** Students are evaluated according to their individual progress on identified individual and class goals.

Photography & Film Making 020270  
EMIS Code 020270

**BUSINESS  
AND  
TECHNOLOGY**

**Course Title:** FINANCIAL LITERACY  
**Course Number:** 039120  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None  
**Course Description:** Someday you will rent an apartment, buy a car, purchase a house, fill out tax forms, obtain insurance, invest in the stock market and have a checking and savings account. This class will teach you how to be a wise consumer as you venture through your adult life.

**Text:** On-line Materials  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder

**Evaluation Procedures:** Students will be evaluated on the following assessments: homework, daily grades, tests, quizzes, projects, class work and participation, as well as a final examination.

Consumer Education 031500  
EMIS Code 031500

**Course Title:** YEARBOOK  
**Course Number:** 032310  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Permission of Instructor & Desktop Publishing

**Course Description:** Any magazine you read, all newspapers, and even this document were probably created using a desktop publishing program. In this course, students will master an online desktop publishing program offered through Jostens. The skills you learn in this class will be valuable to you in college and/or the workforce. Students in this course are responsible for the production of the school yearbook, *The Silhouette*.

**Text:** On-Line Materials  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder
- taking photos outside of class time

**Evaluation Procedures:** Quizzes, tests, assignments, projects, page deadlines, attendance, teacher observation and final project.

School Publications 300040  
EMIS Code 300040

**Course Title:** DESKTOP PUBLISHING  
**Course Number:** 032300  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Business Computer Application  
**Course Description:** In this course, students will learn how to design advertisements, newsletters, menus, business cards, tri-fold/bi-fold brochures, catalogs, and various other creative documents using popular desktop publishing software. Both print and web publications will be covered. In addition, a final project will be assigned in which students will incorporate the skills learned throughout the course.  
**Text:** On-Line Materials  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder

**Evaluation Procedures:** Students will be evaluated through quizzes, tests, attendance, projects, daily and long-term assignments, teacher observation and final exam.

Computer/Multimedia Literacy 290050  
EMIS Code 290050

**Course Title:** WEB DESIGN  
**Course Number:** 032800  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Technology Today  
**Course Description:** Learn how to make simple and advanced web pages. Students will be exposed to HTML, graphic design, scripting and other applications that make for successful web design. In addition, students will learn the basics of a web design software program, DreamWeaver.  
**Text:** On-Line Materials, HTML Basics  
Micromedia DreamWeaver MX  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder

**Evaluation Procedures:** Quizzes, tests, assignments, projects, teacher observation and final exam.

Web Site Development 290160  
EMIS Code 290160

**Course Title:** BUSINESS COMPUTER APPLICATIONS (BCA)

**Course Number:** 032900

**Grade Level:** 9 - 12

**Credit/Length:** 0.50/Semester

**Prerequisites:** Technology Today Preferred

**Course Description:** This course picks up where Technology Today ended. Students will be exposed to the advanced personal and business potential of Microsoft Office Word, Excel, and Power Point. Students will prepare business letters, memos, newsletters, Mail Merge documents, Power Point presentations, tables, drawings, charts, spreadsheets, etc., via the software programs which are used by almost every business in the United States.

**Text:** On-Line Materials

**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- paper
- writing instruments
- folder

**Evaluation Procedures:** Quizzes, tests, assignments, teacher observation, projects, attendance, research papers, daily work and final exam.

Computer Application 036000  
EMIS Code 036000

# **FOREIGN LANGUAGE**

**Course Title:** SPANISH I  
**Course Number:** 061000  
**Grade Level:** 8 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Grade of C or better in previous English course

**Course Description:** Spanish I is an introduction to the Spanish language and culture. Students will learn to communicate effectively in Spanish, a language of growing importance in the United States. Students will learn basic vocabulary and grammatical structures. Students will read, write and speak basic Spanish. In addition to the study of the language, students will develop an appreciation for the Hispanic culture and people.

**Text:** *–Ven Conmigo!*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- binder with dividers
- Spanish-English dictionary
- writing utensils
- flashcards

**Evaluation Procedures:** Students are evaluated on listening and speaking quizzes on tapes; written vocabulary quizzes; grammar and vocabulary tests; and a culture project.

Spanish 060265  
EMIS Code 060265

**Course Title:** SPANISH II  
**Course Number:** 062100  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Spanish I (Recommended grade of C or better)

**Course Description:** Spanish II is a continuation of the study of the Spanish language and culture. Students will further develop their abilities to speak, read and write in Spanish. The course improves the student's ability to converse spontaneously. In addition, students increase their knowledge of Hispanic countries and cultures. The influence of Spanish culture on our own society is discussed.

**Text:** *–Ven Conmigo!*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- binder with dividers
- Spanish-English dictionary
- writing utensils
- flashcards

**Evaluation Procedures:** Students are evaluated on listening and speaking quizzes on tapes; written vocabulary quizzes; grammar and vocabulary tests; and a culture project.

Spanish 060265  
EMIS Code 060265

**Course Title:** SPANISH III  
**Course Number:** 063200  
**Grade Level:** 10 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Spanish II (Grade of C or better)  
**Course Description:** Spanish III is designed to further develop the skills acquired by students in their first two years of Spanish studies. Spanish III is conducted almost entirely in Spanish. Grammar is reviewed, but the course primarily emphasizes writing, reading and speaking Spanish. Spontaneous conversations and discussions are a large part of the course. Students are introduced to Hispanic literature at this level.  
**Text:** *Abordo*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- binder with dividers
- Spanish-English dictionary
- writing utensils
- flashcards

**Evaluation Procedures:** Students are evaluated on listening and speaking quizzes on tapes; written vocabulary quizzes; grammar and vocabulary tests; journal writings and daily discussion.

Spanish 060265  
EMIS Code 060265

**Course Title:** SPANISH IV  
**Course Number:** 063300  
**Grade Level:** 11 & 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Spanish III (Grade of C or better)  
**Course Description:** Spanish IV further develops skills in reading, writing and speaking Spanish. Students read Hispanic plays, novels, short stories and poetry, as well as present a cultural unit. Vocabulary and grammar skills are expanded. Students are encouraged to speak spontaneously in Spanish since the course is conducted exclusively in the target language.  
**Text:** *En Viaje*  
**Supplies/Materials:** Supplemental novels  
Supplies are at the discretion of the teacher but may include:

- binder with dividers
- Spanish-English dictionary
- writing utensils
- flashcards

**Evaluation Procedures:** Students are evaluated on journal writings; daily topics of discussion; bi-weekly cultural and people presentations; music video; country presentation and chapter exams.

Spanish 060265  
EMIS Code 060265

**PHYSICAL  
EDUCATION  
AND HEALTH**

**Course Title:** HEALTH  
**Course Number:** 082000  
**Grade Level:** 9 & 10  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** This is a required course by the state of Ohio for high school graduation. The curriculum presents facts about, and deals with making decisions, in the following areas: personality development; behavior; emotions; dealing with stress and your environment; drug abuse; alcohol; tobacco; dating; marriage; reproduction and sex education; exercise; diet; total fitness; and CPR. Students are presented with information which encourages the development of wise decision-making skills and the formation of habits in the area of good health maintenance.

**Text:** *Health Skills for Wellness*  
**Supplies/Materials:** Supplies are at the discretion of the teacher but may include:

- notebook
- writing utensils

**Evaluation Procedures:** Various reading & writing activities, homework, projects, notebooks, quizzes and tests.

Health Education 260101  
EMIS Code 260101

**Course Title:** PHYSICAL EDUCATION I  
**Course Number:** 081900  
**Grade Level:** 9  
**Credit/Length:** 0.25/Semester  
**Prerequisites:** None

**Course Description:** This is the required foundation course for Physical Education. This course offers a wide range of activities, which cover a broad spectrum of team sports, lifetime sports, and physical fitness activities. Examples of activities include, but are not limited to: ultimate Frisbee; flag football; volleyball; weightlifting; swimming and floor hockey.

**Text:** None  
**Supplies/Materials:** Standard Norwood High School physical education uniform and school lock is required. Academic supplies include paper, two-pocket folder, and pen/pencil.

**Evaluation Procedures** Students are graded on the following: attendance; class participation and written examinations; and ability to follow class procedures (including the dress code). Physical fitness tests and a written examination are administered to determine exam grade.

**Specific Course Policies:** Due to the participation factor of this course, attendance is critical to receive participation credit. Make-up work is offered on a limited basis for excused absences only. For many safety and hygienic purposes, changing into appropriate clothing for class is required. Swimming is one activity offered to all students. Alternate activities will be provided for swimming when appropriate medical documentation is presented.

Physical Education 080300  
EMIS Code 080300

**Course Title:** RECREATIONAL SPORTS  
**Course Number:** 082400  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.25/Semester  
**Prerequisites:** Physical Education I and  
**Course Description:** Emphasis in this course is placed on activities which could be pursued over a lifetime. Instruction includes activities such as archery, bowling, weight training, softball, volleyball, badminton, swimming, and Frisbee.  
**Text:** None  
**Supplies/Materials:** The standard Norwood High School physical education uniform and school lock are required. Academic supplies include paper, two-pocket folder, and pen/pencil.

**Evaluation Procedures:** Students are graded on the following: attendance; class participation and written examinations; and ability to follow class procedures (including the dress code). Physical fitness tests and a written examination are administered to determine exam grade.

**Specific Course Policies:** Due to the participation factor of this course, attendance is critical to receive participation credit. Make-up work is offered on a limited basis for excused absences only. For many safety and hygienic purposes, changing into appropriate clothing for class is required. Swimming is one activity offered to all students. Alternative activities will be provided for swimming when appropriate medical documentation is presented.

Lifetime Sports 080405  
EMIS Code 080405

**Course Title:** PHYSICAL FITNESS  
**Course Number:** 082100  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.25/Semester  
**Prerequisites:** Physical Education I  
**Course Description:** Emphasis in this course is placed on activities which promote the pursuit of knowledge and fitness for the present as well as the future. Activities include: aerobic exercise; strength training; flexibility training and body composition management.  
**Text:** None  
**Supplies/Materials:** The standard Norwood High School physical education uniform and school lock are required. A 3-ring/2-pocket folder is also required.

**Evaluation Procedures:** Students are graded on the following: attendance; class participation; ability to follow class procedures (including dress code); quizzes and tests; projects and homework. Physical fitness tests and a written examination are administered to determine exam grade.

**Specific Course Policies:** Due to the participation factor of this course, attendance is critical to receive participation credit. Make-up work is offered on a limited basis for excused absences only. For many safety and hygienic purposes, changing into appropriate clothing for class is required. Swimming is one activity offered to all students. Alternative activities will be provided for swimming when appropriate medical documentation is presented.

Lifetime Sports 080405  
EMIS Code 080405

**Course Title:** TEAM SPORTS  
**Course Number:** 082200  
**Grade Level:** 10 - 12  
**Credit/Length:** 0.25/Semester  
**Prerequisites:** Physical Education I  
**Course Description:** Emphasis in this course is placed on activities which require team or group participation. Concepts such as teamwork and cooperation are stressed. Activities include: basketball; team handball; softball; volleyball; soccer; ultimate Frisbee and flag football.  
**Text:** None  
**Supplies/Materials:** The standard Norwood High School physical education uniform and school lock are required. Academic supplies include paper, two-pocket folder, and pen/pencil.

**Evaluation Procedures:** Students are graded on the following: attendance; class participation; ability to follow class procedures (including dress code); quizzes and tests; projects and homework. Physical fitness tests and a written examination are administered to determine exam grade.

**Specific Course Policies:** Due to the participation factor of this course, attendance is critical to receive participation credit. Make-up work is offered on a limited basis for excused absences only. For many safety and hygienic purposes, changing into appropriate clothing for class is required. Swimming is one activity offered to all students. Alternative activities will be provided for swimming when appropriate medical documentation is presented.

Lifetime Sports 080405  
EMIS Code 080405

**Course Title:** PHYSICAL EDUCATION  
OPPORTUNITY PROGRAM FOR  
EXCEPTIONAL LEARNERS  
(P.E.O.P.E.L.)  
**Course Number:** 082300  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.25/Semester  
**Prerequisites:** Physical Education I & pre-approval of the instructor

**Course Description:** P.E.O.P.E.L. is a program which provides individualized instruction for students who have special needs in Physical Education through peer-teaching. Individualized instruction is provided by the teacher through student peer-tutors. Students who want to be involved with students with special needs must have Administrative approval. Students and peer-tutors then work and play under the direct supervision of the PE teacher in a regular PE setting. Each P.E.O.P.E.L. class can accommodate a maximum of 30 students (15 exceptional learners and 15 peer-tutors).

The goals of the program are basically the same goals for general physical education. P.E.O.P.E.L. wants students to improve physically, mentally, socially and emotionally. Improvement and progress is measured on short and long range objectives including fitness levels, sport and game skills. Peer-tutors are also assessed on their involvement and development on class goals.

There are three key points to this program:

- success for all
- peer-tutoring
- inclusion with appropriate accommodations for each student

**Text:** None  
**Supplies/Materials:** The standard Norwood High School physical education uniform and school lock are required.

**Evaluation Procedures:** Students are evaluated according to their individualized progress on identified individual and class goals.

Adapted Physical Education 080505  
EMIS Code 080505

**MUSIC  
AND  
THEATER**

**Course Title:** CHORUS  
**Course Number:** 121110  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Interest in singing, improving vocal technique, and developing basic music reading skills

**Course Description:** Chorus is open to any male or female high school student. Chorus performs choral music of various styles including but not inclusive to Jazz, Classical, Modern-Contemporary music and Musical Theater. Students are required to attend performances that occur outside the school day and typically include but are not limited to a Winter Vocal Concert, and a Spring Vocal Concert. In addition to singing, students will learn basic music theory and develop sight-singing skills.

**Text:** None  
**Supplies/Materials:** Chorus Shirt to be purchased or fundraised for by each individual member.

**Evaluation Procedure:** Each student will be evaluated on individual participation, singing quizzes, occasional music theory quizzes, and concert attendance.

**Specific Course Policies:** Students must attend concerts.

Vocal/Choral Music 120400  
EMIS Code 120400

**Course Title:** CHORALE  
**Course Number:** 121010  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** Director's recommendation  
**Course Description:** Chorale is open to any female high school student. Admittance to Chorale is by the director's permission. A formal audition is not necessary, however; if the instructor is not familiar with the student's singing ability, the student will be required to sing vocal warm-ups for the instructor. Chorale performs choral music of various styles including but not inclusive to Jazz, Classical, Modern-Contemporary music and Musical Theater. Students are required to purchase a Chorale outfit. Fundraising opportunities are offered in order to defray the cost of the outfit. Students are required to attend performances that occur outside the school day and typically include but are not limited to a Winter Vocal Concert, a Spring Vocal Concert, and the Norwood City Schools Art Expo.

**Text:** None  
**Supplies/Materials:** Concert Dress to be purchased or fundraised for by each individual

**Evaluation Procedures:** Each student will be evaluated on individual participation, singing quizzes, occasional music theory quizzes, and concert attendance.

Vocal/Choral Music 120400  
EMIS Code 120400

**Course Title:** SILHOUETTES (CHORAL-COMBO)  
**Course Number:** 121410  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year  
**Prerequisites:** By Audition  
**Course Description:** Silhouettes is open to any male or female 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grade student by audition. The Silhouettes is a Show Choir (a choir that sings and dances) that performs primarily pop, jazz, country, and musical theater. Students interested in Silhouettes should have a strong desire to perform at a high level. Silhouettes perform and compete locally, in the Greater Cincinnati area, statewide, and out-of state (when scheduled). Silhouettes rehearse mostly during the school day. Occasionally rehearsals may be scheduled after school depending on the specific needs of the group and depending on the availability of the choreographer. Once admitted to the group, students must fulfill a one-year commitment and may only leave at the discretion of the director and the building administration. Generally once admitted to the group, students are not required to re-audition each year.  
**Text:** None  
**Supplies/Materials:** Performance outfits to be purchased or fundraised for by each individual member.  
**Evaluation Procedures:** Each student will be evaluated on individual participation, singing and dancing Performance Quizzes. Occasional quizzes on music theory and concert attendance.

Vocal/Choral Music 120400  
EMIS Code 120400

**Course Title:** ORCHESTRA  
**Course Number:** 121320  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year (Each Course)  
**Prerequisites:** 8<sup>th</sup> grade Strings or Teacher Approval  
**Course Description:** The High School Orchestra is made up of all strings (violin, viola, cello and string bass), and select woodwind, brass and percussion players. The orchestra performs several times a year. These performances include formal concerts and graduation with the full orchestra, and reception music and children's concerts with the string orchestra. Members of the orchestra are eligible to perform at regional and state solo competitions. The orchestra also travels to music festivals every few years to such locations as Atlanta, Toronto, Niagara Falls, Hershey (PA), Williamsburg and Disney World. Basic music theory is studied along with the performance of classical, jazz, and popular music.  
**Text:** None  
**Supplies/Materials:** Performance Uniform  
**Evaluation Procedures:** Each student will be evaluated on individual participation and practice as well as concert attendance and performance.

Instrumental Music 120500  
EMIS Code 120500

**Course Title:** BAND  
**Course Number:** 123020  
**Grade Level:** 9 - 12  
**Credit/Length:** 1/Year (Each Course)  
**Prerequisites:** Band or 8<sup>th</sup> Grade Band or Teacher Recommendation

**Course Description:** The High School Band is made up of all brass, woodwind, and percussion instrumentalists. It rehearses daily and performs the finest wind literature available to high school musicians. Band members will participate in marching band in the fall. **There are graded after school rehearsals for marching band.** Performances include all football games and selected competitions throughout the region. Once marching band is complete, the focus turns to concert band. For concert band, there are several after school concerts usually held on the campus of the high school/middle school. Besides the core concerts and competitions, the band will participate in local parades (Cincinnati Reds Opening Day), television performances and special event concerts. The band also plays at selected Norwood basketball games and occasionally travels to distant locations to perform at a high level.

**Text:** None  
**Supplies/Materials:** Shoes/gloves/summer band camp fee  
**Evaluation Procedures:** Each student will be evaluated on individual participation as well as game and concert attendance and performance.  
**Specific Course Policy:** Students are encouraged, but not required, to take both band courses.

Instrumental Music 120500  
EMIS Code 120500

**Course Title:** COLOR GUARD  
**Course Number:** 123070  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** None

**Course Description:** Color Guard is a performance group that accompanies the High School Marching Band for halftime football game performances and marching band competitions. Students do not need to know how to play a musical instrument, but will instead use equipment such as silks (large flags) and rifles to enhance the overall visual effect of the marching band performance. Students will wear a uniform that is selected by the Band Director and Color Guard Advisor. The school will cover the cost of the uniform and equipment. Students will learn basic and advanced techniques involved in color guard performance. Students are required to participate in assigned football games as well as marching band competitions. **THIS COURSE IS ONLY FOR THOSE STUDENTS WHO ARE NOT IN ANY CHOIR OR INSTRUMENTAL GROUP.**

**Text:** None  
**Supplies/Materials:** Shoes/gloves/summer band camp fee  
**Evaluation Procedures:** Each student will be evaluated on individual and group participation as well as completion and quality of assignments.  
**IMPORTANT NOTE:** Students who will participate in Color Guard ONLY should sign up for this class. Students who wish to participate in Color Guard 1<sup>st</sup> Semester and Band the second semester should sign up for BAND I (123020).

Other Music Course 129999  
EMIS Code 129999

**Course Title:** STUDY OF ROCK MUSIC  
**Course Number:** 122210  
**Grade Level:** 9 - 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Interest in rock music  
**Course Description:** What is rock? How did it develop? This course will examine the Rock Music phenomenon from its roots in R&B, C&W, and Popular Music through its development into the powerful influence on today's society. Come prepared to listen to a lot of music.  
**Text:** *Rock Music Styles*  
**Supplies/Materials:** 3-Ring Binder  
Loose Leaf Paper  
Writing Materials  
**Evaluation Procedures:** Each student will be evaluated on individual participation, completion and quality of assignments, notebook, tests and quizzes.  
**Specific Course Policies:** Students must be willing to participate in group activities.

Music Appreciation 120800  
EMIS Code 120800

**Course Title:** MUSIC THEORY  
**Course Number:** 120320  
**Grade Level:** 11- 12  
**Credit/Length:** 0.50/Semester  
**Prerequisites:** Interest in evaluating a variety of music.  
**Course Description:** Students will explore the technique and practice of writing their own music, analyzing the music of others in a professional manner and aurally training to hear music at a high level. Students will demonstrate the various styles and techniques of composing western classical, jazz and pop music. They will study the music of several major composers throughout history to gain the knowledge and understanding to become the next generation of great composers.  
**Text:** None  
**Supplies/Materials:** 3-ring binder  
Staff Paper (provided by teacher)  
Loose Leaf notebook paper  
Pencils  
**Evaluation:** Each student will be evaluated on individual participation, completion and quality of assignments, notebook organization, tests, and quizzes.

Other Music Course 120300  
EMIS Code 120300