

2010-2011 REGISTRATION HANDBOOK



HICKSVILLE HIGH
SCHOOL

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Introduction

This booklet is designed to assist the student in selecting the course of study, and the particular courses, which will best fit his/her needs. The selection of courses involves having knowledge of all the courses offered at Hicksville High School and some degree of understanding what is taught in each course. This booklet will give a general overview of the type of classes available at Hicksville High School.

Planning A Course Of Study

The best high school course of study is as comprehensive as possible to meet the needs, interests, and aptitudes of each student through his/her high school career. The high school program starts with a required and diversified program in the freshman and sophomore years and then concentrates itself in one or two special fields in the junior and senior years.

The Importance Of Planning For Your Career

The most important step that you can make at this time is to prepare for a career in which there is an opportunity for you to be successful. Try to learn about your interests, capacities, skills, and general aptitude. Your guidance department in the high school can help you find careers that relate to your interests and/or abilities. Students are urged to take advantage of material and information that is available.

Course Of Study

College Preparatory: College preparatory courses are offered to those who wish to continue their schooling beyond high school. Since entrance requirements of colleges differ, it will be safer to determine as early as possible the college a student plans to attend, then plan a course of study in accordance with the entrance requirements of the college selected. Successful completion of the standard college preparatory courses should enable a student to enter most colleges if grades and recommendations are good. It should be understood that completion of the college preparatory course is necessary for college entrance in many situations. By choosing the proper electives a student may prepare to enter the standard liberal arts college, a university, a technical college, nurses training or almost any other type of advanced schooling.

It is recommended by the Ohio Board of Regents that the following be minimum requirements for college admission:

- 4 Units of English, with emphasis on composition
- 3 Units of Mathematics, one of which should be taken in the senior year (Algebra I, Geometry, Algebra II)
- 3 Units of Social Studies
- 3 Units of Laboratory Science (Biology, Chemistry, Physics, & Anatomy & Physiology)
- 2-4 Units of the same Foreign Language
- 1 Unit of Visual or Performing Art (Art, Choir, Band, or Drama)

Vocational/Career Center: This program helps students develop technical knowledge, basic performance skills, and the appreciation essential for orientation to a job. The following vocational departments are available at the Four County Career Center (individual descriptions of programs are located in the back of this booklet): **Arts & Communications and Business & Management, Environmental & Agricultural Systems, Health Services and Human Resources/Services, and Industrial & Engineering.** It is strongly recommended that students attending Four County Career Center for training complete their freshman and sophomore requirements and have 11.5 units of credit. You must have a minimum of 6.5 credits after three semesters AND 9.5 credits after four semesters.

Tech Prep: The goal of Tech Prep is to combine academics with employability and occupational skills. It is recommended that students who desire to pursue this program should include the areas of industrial technology, work and family, and business in their curricular planning. Students may either directly enter the workplace after high school graduation, or continue to an associate degree or certificate at a two-year

college or technical school. Today's workplace is rapidly changing and the technology used by business/industry is becoming more complex. Employers are demanding highly competent people, well versed in technical and human relations skills. Most challenging job opportunities exist for those who have gained knowledge in math, science, technical principles, computer, and communication skills. Tech Prep provides an opportunity for our students to gain knowledge and skills required in today's job market.

Graduation Requirements

Graduation from Hicksville High School will be based on the completion of eight semesters of high school experience, or equivalent, and the following:

Students graduating in 2010 and beyond must have successfully completed a Senior Project and 23 Carnegie Units of academic credit, which must include the following minimum credits:

	Class of 2011-13	Class of 2014
English	4 units	4 units
Math	3 units	4 units
Science	3 units	3 units
Physical Science	1 unit	1 unit
Biological Science	1 unit	1 unit
Additional unit of Science	1 unit	1 unit
Social Studies	3 units	3 units
Global Studies	1 unit	1 unit
American Studies	1 unit	1 unit
Government	1 unit	1 unit
Consumer Choices	0.5 unit	0.5 unit
Health	0.5 unit	0.5 unit
Physical Education	0.5 unit	0.5 unit
Technology	0.5 unit	0.5 unit
One unit or two half units of the following: Business/Technology, Fine Arts or Foreign Language	1 unit	1 unit
Electives		
Hicksville HS Students	7.0 units	7.0 units
HHS Students@Four County	6.5 units	6.5 units

and

- Pass all portions of the Ohio Graduation Test, as required by the Ohio Department of Education for graduation.
- Required courses, by State Standards of the State Board of Education, may not be taken through Credit Recovery Programs while the individual still is classified as a Hicksville High School student or a Four County Career Center student if the class can be obtained in the regular school day.

In addition, students will be permitted to participate in the Commencement program if the following conditions have been met:

- Each potential graduate must have no outstanding debts or fines concerning any school materials, damages, etc.
- Each potential graduate must have all time made up resulting from Saturday Schools, detentions, suspensions, and/or expulsions.
- Each student must have acquired the minimum number of units required for graduation.
- Each student must have passed all portions of the mandated proficiency test, or graduation test, as required by Ohio Department of Education for graduation.
- **Diploma**

Any individual who has met all curriculum requirements of the participating high school and who has attained passing scores on the Ohio Graduation Test shall earn the high school diploma.

Diploma With Honors

Students must complete more intensive criteria in mathematics, science and social studies for high school academic and career-technical Diplomas with Honors.

The student who completes the **high school academic** curriculum shall meet at least seven of the following eight criteria:

- Earn four units of English;
- Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content;
- Earn at least four units of science including one unit of physics and one unit of chemistry;
- Earn four units of social studies;
- Earn either three units of one foreign language or two units each of two foreign languages;
- Earn one unit of fine arts;
- Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
- Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section).
- The student who completes an intensive **career-technical** education curriculum shall meet at least seven of the following eight criteria:
 - Earn four units of English;
 - Earn at least four units of mathematics, which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content;
 - Earn at least four units of science including one unit of physics and one unit of chemistry;
 - Earn four units of social studies;
 - Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent;
 - Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment or equivalent assessment aligned with state-approved and industry validated technical standards; or
 - Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
 - Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

Language Department

109 English/Literature 9

Prerequisite: None
Credit: 1 unit

Length: Full Year
Open to: 9 (Required)

This course includes an in-depth study of the writing process, including prewriting, drafting, revising, and publishing, with emphasis on proper use of writing conventions. Writing applications include various essays, responses to literature, and other informal writings pertaining to literature. A research paper will be required of all students. Students will read American and British literature while focusing on acquisition of vocabulary in the context of literature. Some selected titles include: *To Kill a Mockingbird*, *Romeo and Juliet*, several short stories, poetry selections, and various nonfiction essays.

110 English/Literature 10

Prerequisite: English 9
Credit: 1 unit

Length: Full Year
Open to: 10 (Required)

This course gives students the platform to further refine and enhance their knowledge of the writing process, including prewriting, drafting, revising, and publishing, while emphasizing writing conventions. Writing applications include various essays, responses to literature, and other informal writings pertaining to literature. A research paper will be required of all students. Students will read American and British literature, refining the reading strategies learned in previous grades, while focusing on acquisition of vocabulary in the context of literature. Selected titles include: *Lord of the Flies*, *Julius Caesar*, several short stories, various genres of poetry, and nonfiction essays.

113 C.P. English 11

Prerequisite: English 10
Credit: 1 unit

Length: Full Year
Open to: 11

This course includes a grammar review unit, a study of American Literature, and a study of writing techniques. Also included will be an in depth study of plays and novels, including: *The Crucible*, *The Adventures of Huckleberry Finn*, *The Scarlet Letter*, and *The Grapes of Wrath*. Students will study vocabulary, review methods of research writing, and write a research paper.

114 C.P. English 12

Prerequisite: English 11
Credit: 1 unit

Length: Full Year
Open to: 12

This course includes on vocabulary building, writing skills, and literature interpretation. Students will study English Literature and selected major works including: *A Tale of Two Cities*, *Macbeth*, and several independently read novels from the college bound reading list. Formal writing skills and research writing skills will be polished. Students will become better prepared for freshman composition in college.

115 Advanced Placement English

Prerequisite: Approval of the teacher after an individual conference with prospective student
Credit: 1 unit

Length: Full Year
Open to: 12

Advanced Placement English is a course that combines advanced language and composition skills with advanced literature and composition skills. Students will maintain a rigorous pace of reading and writing comparable to work done on the college level. Students will be required to take the AP English examination at the end of the year, and assume the cost associated with the examination. Students who score high enough on these tests will be eligible for college credit.

120 Pre-Advanced Placement English

Prerequisite: Grade of C- or higher in English 10
Credit: 1 unit

Length: Full Year
Open to: 11

Pre-AP is offered to those juniors who have superior language arts skills and who already know that they are college bound. It is intended to prepare them for taking AP English as seniors; therefore, students will be doing more college preparatory reading, as well as more in-depth writing. At the end of the junior year, students can choose to take the AP test, but are not required to do so.

123 Drama

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This course is designed to give students some practical experiences in drama. Students will perform individually and in groups on the following projects: pantomimes, improvisations, scenes, and play performances. Students will gain an appreciation of theater technique and confidence in their own abilities.

125 Mythology

Prerequisite: English 9
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This course is designed to explore the ways in which mythology is relevant today, including movies, products, words, etc. Emphasis will be on Greek mythology, although mythology of other countries may be included. Audio/Visual materials will be used to supplement the text.

126 Science Fiction

Prerequisite: English 9
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This course is designed as an opportunity for a more in-depth study of science fiction than was introduced at the junior high and freshman levels. Students will be introduced to science fiction writers from various eras, and movie adaptations will be explored. A variety of science fiction topics will be explored, including robots, aliens, time travel, tales of the supernatural, etc.

127 American Novel

Prerequisite: English 9
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This class is well suited to those students who enjoy reading. Over the course of this one semester class, the students will read seven or eight novels written by American authors. The novels will begin with one of the earliest novels from American literature and proceed to contemporary works. Through this approach, the students will witness the progression of the novel in American literature. **(Offered even years [2010 – 2011])**

128 Novels of the World

Prerequisite: English 9
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

Students will be exposed to novels from many countries. These diverse novels will help the students to learn about the history and culture of the country represented in the novel. Through these stories, students will see that all humans, regardless of their races or origins, share basic hopes, fears and desires. This class will alternate biannually with the American Novel course. **(Offered odd years [2011 – 2012])**

132 English I

Prerequisite: IEP for the class
Credit: 1 unit

Length: Full Year
Open to: 9

This course includes an in-depth study of the writing process, including prewriting, drafting, revising, and publishing, with emphasis on proper use of writing conventions. Writing applications include various essays, responses to literature, and other informal writings pertaining to literature. A research paper will be required of all students. Students will read selected literature and also focus on acquisition of vocabulary. Included will be: *Downriver*, *Romeo and Juliet*, several short stories, poetry selections, and various nonfiction essays.

133 English II

Prerequisite: IEP for the class

Length: Full Year

Credit: 1 unit

Open to: 10

Students will further refine and enhance their knowledge of the writing process, including prewriting, drafting, revising, and publishing, while emphasizing writing conventions. Writing applications include various essays, responses to literature, and other informal writings pertaining to literature. A research paper will be required of all students. Students will read selected literature and also focus on acquisition of vocabulary. Included will be: *River Thunder*, *Julius Caesar*, *Of Mice and Men*, several short stories, various genres of poetry, and nonfiction essays.

Mathematics Department

211 Algebra I

Prerequisite: None
Credit: 1 unit

Length: Full Year
Open to: 9 (Required)

There will be a study of algebra symbols, formulas, simple equations, geographical applications, ratio, and proportions.

212 Algebra II

Prerequisite: Algebra I
Credit: 1 unit

Length: Full Year
Open to: 9-12 (Required)

This course will consist of a thorough review of Algebra I. Topics will include operations on numbers and equations, equations and inequalities, polynomial and rational functions, exponential functions, function operations and inverses. Students will be introduced to matrix operations and other Algebra II content. *The purchase of a TI-83 or TI-84 graphing calculator will be **strongly encouraged**.*

215 Algebra Lab

Prerequisite: Teacher Recommendation
Credit: 1 unit

Length: Full Year
Open to: Recommended students only

This course will contain pre-teaching and re-teaching of concepts covered in the Algebra I course. Students will receive additional reviews and instruction time to ensure success in the Algebra I course. This course is an elective credit and will NOT count towards one of the math credits required for graduation.

216 Algebra II Lab

Prerequisite: Teacher Recommendation
Credit: 1 unit

Length: Full Year
Open to: Recommended students only

This course will contain pre-teaching and re-teaching of concepts covered in the Algebra II course. Students will receive additional reviews and instruction time to ensure success in the Algebra II course. This course is an elective credit and will NOT count towards one of the math credits required for graduation.

223 Geometry

Prerequisite: Algebra I
Credit: 1 unit

Length: Full Year
Open to: 10 (Required)

This course will emphasize abstract and logical thinking through inductive and deductive reasoning. Lines, planes, polygons, circles, spheres, and other three-dimensional figures will be used for representing and solving a variety of problems. These ideas as well as many others from the Ohio Academic Content Standards will be used in an intense preparation for the OGT. We will be utilizing technology (The Geometer's Sketchpad, graphing calculators, and OGT calculators) frequently as problem-solving and learning tools. In addition, students will be introduced to geometrical proofs and other more complex applications and challenging exercises.

224 Geometry Lab

Prerequisite: Teacher Recommendation
Credit: 1 unit

Length: Full Year
Open to: Recommended students only

This course will contain pre-teaching and re-teaching of concepts covered in the Geometry course. Students will receive additional reviews and instruction time to ensure success in the Geometry course. Geometry Lab is an elective credit and will NOT count toward one of the math credits required for graduation.

225 Trigonometry/Pre-Calculus

Prerequisite: Algebra I, Algebra II, Geometry
Credit: 1 unit

Length: Full Year
Open to: 11-12

This course includes: rational functions and their graphs, conic sections, parametric equations and their graphs, polynomial and rational functions and their graphs, logarithms, exponential equations and trigonometry. The trigonometry includes trigonometric functions and graphs, inverse trigonometric functions, degree and radian measure, trigonometric form of complex numbers, identities and equations. *A graphing calculator is **required**, the TI-83 or TI-84 is preferred*

232 Math I

Prerequisite: IEP for the class
Credit: 1 unit

Length: Full Year
Open to: 9-12

This is a refresher course designed to increase basic math skills with a review of fundamental operations covering fractions, decimals, and percents. Math I will focus on typical, everyday consumer problems. Included will be a study of budgets, taxes, banking, and insurance for personal and family finances. Practice using a calculator will be provided.

233 Math II

Prerequisite: IEP for the class
Credit: 1 unit

Length: Full Year
Open to: 9-12

This is a refresher course designed to increase basic math skills with a review of fundamental operations covering fractions, decimals, and percents. Math I will focus on typical, everyday consumer problems. Included will be a study of budgets, taxes, banking, and insurance for personal and family finances. Practice using a calculator will be provided.

234 Math III

Prerequisite: IEP for the class
Credit: 1 unit

Length: Full Year
Open to: 9-12

This is a refresher course designed to increase basic math skills with a review of fundamental operations covering fractions, decimals, and percents. Math I will focus on typical, everyday consumer problems. Included will be a study of budgets, taxes, banking, and insurance for personal and family finances. Practice using a calculator will be provided.

245 Calculus

Prerequisite: Grade of C- or higher Pre-calculus
Credit: 1 unit

Length: Full Year
Open to: 12

Calculus is a full-year credit (3 credit hours may be earned through Northwest State Community College). Topics include limit of a function, calculating limits using the limit laws, continuity, tangents, velocities, derivatives, differentiation formulas, derivatives of trigonometric functions, the chain rule, implicit differentiation, higher derivatives, maximum and minimum values, the mean value theorem, monotonic functions and the first derivative test, concavity and points of inflection, limits at infinity, and curve sketching.

A graphing calculator is required, the TI-89 is provided.

250 College Algebra

Prerequisite: Algebra I, Algebra II, Geometry
Credit: 1 unit

Length: Full Year
Open to: 11-12

College Algebra is a full-year credit (3 credit hours may be earned through Northwest State Community College). This course is designed for those students who have mastered the fundamental manipulations of algebra. The intent of this course is to prepare you for math in college. It has been proven that students who take a math course during their senior year of high school will have a better chance of success in college. This is also a recommendation from *High Schools That Work*. In this course we will revisit skills needed for improved success on the ACT. We will also look at content introduced in previous math courses and expand on them. Much of the course content will be based on the need of the students.

Science Department

300 Physical Science

Prerequisite: Required for all Freshmen

Credit: 1 unit

Length: Full Year

Open to: 9 (Required)

All students will learn concepts in physical science and related principles in Earth and space sciences. Students will work to develop a deeper understanding of the processes of scientific inquiry and how these processes use evidence to support conclusions based on logical reasoning. Science Fair Projects will be required. Lab fees.

302 Biology

Prerequisite: Required for all Sophomores

Credit: 1 unit

Length: Full Year

Open to: 10 (Required)

All students will learn concepts that enable people to understand the living environment from the cellular level to the global level. Students will study science principles that influence living organisms. Lab work consists of microscope work, dissection of preserved specimens, and various other experiments. Science Fair Projects will be required. Lab fees.

303 Chemistry

Prerequisite: Algebra I & II, or presently enrolled

Alg. II

Credit: 1 unit

Length: Full Year

Open to: 10-12

Chemistry is a college prep course involving the study of chemicals and chemical reactions. Chemistry stresses mathematically based problem solving and equation writing. Laboratory work is stressed as a method of greater understanding of chemical processes. Science fair projects will be required. Lab fees.

304 Physics

Prerequisite: Algebra I, Algebra II, & Geometry

Credit: 1 unit

Length: Full Year

Open to: 11-12

Physics is a study of the understanding of mechanics, thermal relationships, electricity, electromagnetism, and optics. Emphasis is placed on mathematical problem solving and the large-scale interactions of matter and energy. Laboratory experience is stressed. Lab fees.

305 Advanced Placement Chemistry

Prerequisite: Grade of B- or higher in Chemistry

and Algebra II

Credit: 1 unit

Length: Full Year

Open to: 11-12

The Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. AP Chemistry gives the student an understanding of bio-organic chemistry, physical chemistry, and thermo chemistry. Emphasis is placed on mathematical problem solving and in-depth understanding of the various interrelationships in the field of science. This course will include a Laboratory experience equivalent to that of a college course. Students will be required to take the AP Chemistry examination at the end of the year, and assume the cost associated with the examination. Students who score high enough on the AP Exam could be eligible for college credit. Lab fees.

306 Anatomy and Physiology

Prerequisite: Biology

Credit: 1 unit

Length: Full Year

Open to: 11-12

The student studies the structure and functions of the human body. Lab work will include microscope work and dissection of cats, as well as several organs (i.e. heart, kidney, brain). Science Fair Projects, or a service-learning project, will be required. Lab fees.

307 Pre-Advanced Placement Chemistry

Prerequisite: Grade of C- or higher in Algebra II Length: Full Year
 Credit: 1 unit Open to: 10-12

Pre-AP Chemistry is a college preparatory course that is highly recommended for any student who is considering a career in a science field. This course will stress mathematical problem solving and laboratory experience. Topics will include Matter and Atomic Structure, Electron Probabilities, The Periodic Table, chemical formulas and equations, the Mole, Periodic properties, Kinetic Theory, Thermodynamics, and Kinetics. This course is a good introduction for any student planning on taking AP Chemistry in the future. Lab fees.

309 Environmental Science

Prerequisite: Physical Science & Biology Length: Full Year
 Credit: 1 unit Open to: 11 - 12

Students will connect the Earth, space, life, and physical sciences into a coherent study of the environment in this college preparatory course. Emphasis is placed on the interactions between humans and the Earth, ecosystems, biological evolution, populations, and diversity. Students will also explore matter and energy relationships. The human interactions with science and technology are discussed, as well as how man has modified current ecosystems and natural systems. Lab fees.

315 Forensic Science

Prerequisite: Grade of B- or higher in Biology Length: Full Year
 Credit: 1 unit Open to: 11 – 12

This course is designed as an introductory course for students who have a strong interest in forensic science. Topics of study will include fingerprinting, DNA, hair/fiver sampling, and other physical evidence. In addition, students will study the history of forensic science and the techniques for processing a crime scene. Attention will be given to current events in forensics and the connection between forensics and film. Field experiences, such as processing a crime scene, testing evidence, and following procedures will be required. Research papers and presentations will also be included in the course load. Students will participate in a mock (staged) crime scene so as to apply knowledge and skills gained. The course is primarily designed for self-motivated students who have an interest in forensics studies. The Forensic Science course is an elective credit and will NOT count toward one of the science credits required for graduation.

331 Science I and Science II

Prerequisite: IEP for the class Length: Full Year
 Credit: 1 unit Open to: 9 & 10

The study alternates from year to year as a physical science and biological science study for students who are on an individual educational plan.

332 Science I and Science II

Prerequisite: IEP for the class Length: Full Year
 Credit: 1 unit Open to: 9 & 10

The study alternates from year to year as a physical science and biological science study for students who are on an individual educational plan.

Social Studies Department

403 Global Studies

Prerequisite: None
Credit: 1 unit

Length: Full Year
Open to: 9 (Required)

This course will focus on world history from 1750 to the present. Students will begin their study with 'The Enlightenment' period and progress up through the 20th Century. Through this course students will develop a deeper understanding of the connections between the past and present by seeing the relationship between historical events and current events.

410 American Studies

Prerequisite: Global Studies
Credit: 1 unit

Length: Full Year
Open to: 10 (Required)

This course will cover major events in United States history from 1877 to the present. Students will begin their study of the United States with the 'Post-Reconstruction' period and progress through the 20th century. Students will learn about the people and events that helped the United States get to the place we are today as a world leader.

422 U.S. Government

Prerequisite: American & Global Studies
Credit: 1 unit

Length: Full Year
Open to: 12 (Required)

This course is a study of local, state, national, and international political issues, which aims to present an appreciation for the American way of life and to emphasize the values of a democratic form of government.

423 Psychology

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 11-12

This is an introductory course into the study of human behavior to convey a sense of condition of individuals and inter-relation with the universe. **(Offered odd years [2011 – 2012])**

424 Sociology

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 11-12

This course aims to prepare the student for his/her role in society by emphasizing the group activities and introducing the responsibilities of citizenship. **(Offered odd years [2011 – 2012])**

426 American Legal System

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 11-12

Students will be exposed to many aspects of the American legal system. Topics of study will include criminal laws, what a will does for a person, legal rights guaranteed by the constitution, court systems, juvenile law, and conducting a trial. **(Offered even years [2010 – 2011])**

427 History of World War I and II

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 11-12

An in-depth look at the two "World Wars" will take place in this class. Students will explore the causes of these wars from the European and American standpoints. The results of these wars and the effect on the countries involved will be discussed. These two wars will then be compared to find the similarities/differences. **(Offered odd years [2011 – 2012])**

428 Korean War - Vietnam War

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 11-12

The study of these two “wars” will be covered by cause/effect, and why the U.S. became involved. Also, the results of the U.S. involvement will be covered. Current events will be brought into play to discover some of the far-reaching effects and problems these wars caused. The type of fighting that took place will also be explored. **(Offered odd years [2011 – 2012])**

434 Current Events

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 11-12

This course is designed for the student who has a serious interest in current events of the world or for the student who would like to develop such an interest. If you would like to keep up to date on politics, economics, and world affairs, this course may be for you. Sources of study materials will include news magazines, newspapers, news strips, and television news. **(Offered even years [2010 - 2011])**

440 Advanced Placement European History

Prerequisite: Grades of B- or higher in Global Studies and English 10 or 11

Credit: 1 unit

Length: 1 year

Open to: 11-12

The Advanced Placement European History course is intended to provide students with an opportunity to study European history from the Renaissance to present-day Europe (1450 – Present). In this course students will study the intellectual, cultural, political, diplomatic, social, and economic developments throughout this time period. Students will be able to see the connection between the present and the past in relation to events currently happening today. This class is designed to be equivalent to an introductory college history course. Students will be required to take the AP European History examination at the end of the year, and assume the cost associated with the examination. Students who score high enough on the AP Exam could be eligible for college credit. **(Offered even years [2010 - 2011])**

Foreign Language

521 German I

Prerequisite: Grade of C- or higher in English 8 Length: Full Year
Credit: 1 unit Open to: 9-12

The structure of the German language is learned through listening, reading, writing, and speaking. Students learn about the culture and geography of Germany, Austria, Switzerland, and other German speaking cultures.

522 German II

Prerequisite: Grade of C- or higher in German I Length: Full Year
Credit: 1 unit Open to: 10-12

A continuation of the German language with more emphasis on listening, reading, writing, and speaking skills. Students will learn about the culture and geography of Germany, Austria, Switzerland, and other German speaking nations.

523 German III

Prerequisite: Grade of C- or higher in German II Length: Full Year
Credit: 1 unit Open to: 11-12

German III will include an emphasis on spoken German along with further grammar review and a look at the cultures of Austria, Germany and Switzerland.

524 German IV

Prerequisite: Grade of C- or higher in German III Length: Full Year
Credit: 1 unit Open to: 12

German IV will include an emphasis on spoken German and an introduction to the literature of the German-speaking world.

531 Spanish I

Prerequisite: Grade of C- or higher in English 8 Length: Full Year
Credit: 1 unit Open to: 9-12 (preference given to freshmen)

First-year Spanish language offered as an **Online Course**. Students will listen, read, write, and speak the language, as well as study the culture and history of Spanish-speaking countries. The successful student must be self-motivated and able to work independently.

Business Department

415 Economics

Prerequisite: General Business Length: 1 semester
Credit: 1/2 unit Open to: 11-12

This course will offer students a practical understanding of economics. Students will learn the basics of supply and demand and how it affects an economy. Students will also receive practical experience participating in Stock Market simulations throughout the course of the semester.

601 General Business

Prerequisite: None Length: 1 Semester
Credit: 1/2 unit Open to: 9-12

This course is a general introduction to the business world. Fundamentals of economics, business organization, entrepreneurship, and consumer topics are studied. Each student will participate in a 'Create Your Own Business' project; developing business plans, investigating ideas for fictional businesses, and researching financing options for those businesses.

606 Accounting I

Prerequisite: None Length: Full Year
Credit: 1 unit Open to: 10-12

This class is designed to teach the theory of double entry bookkeeping and practice in simple account keeping for single proprietorship and partnership. Students will participate in a business simulation, keeping books and preparing records for a business.

Art Department

701 Foundations of Art

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

The students will learn the basics of composition and the elements of design that are used in both art and photography. We will also study the use of shapes in drawing from real life as well as drawing cartoons. We will use pen and ink, pencils, water pencils, scratchboards and watercolors, and use collage techniques. We will also spend a day at the Toledo Art Museum.

702 Ceramics

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

The students will study the art of Ceramics and explore the various hand-building techniques.

703 Drawing I

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

The students will learn drawing and erasing techniques while using various materials such as charcoal, ebony pencils, conte crayons, and art pencils. We will explore representation as well as abstract art.

704 Drawing II

Prerequisite: Drawing I
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

The students will develop a mastery of drawing and erasing techniques and include the use of color. We will use pastels, professional grade colored pencils, and use airbrush.

711 Drawing III

Prerequisite: Drawing II
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This course will be aimed at creating art for one's portfolio. The student will select their drawing materials to use in doing creative projects.

712 Drawing IV

Prerequisite: Drawing III
Credit: 1/2 unit

Length: 1 semester
Open: 10-12

This course is designed for those who wish to create work for their portfolio. This class is aimed at developing your drawing style and subject matter.

708 Painting I

Prerequisite: Foundations of Art or Drawing I
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

The students will work with acrylic paints. We will work with adding pumice stone to the paint to add texture and build up the canvas with modeling paste.

709 Painting II

Prerequisite: Painting I
Credit: 1/2 unit

Length: 1 semester
Open to: 10-12

This class is offered to those who wish to explore oil painting.

713 Painting III

Prerequisite: Painting II
Credit: 1/2 unit

Length: 1 semester
Open to: 11-12

This course is aimed at developing more painting skills including, stretching your own canvas, painting with painting knives, and using glazes.

714 Painting IV

Prerequisite: Painting III

Credit: 1/2 unit

Length: 1 semester

Open to: 11-12

This course will be aimed at developing your own painting style and subject matter. This course can be used to create artwork for your portfolio.

716 Photography I

Prerequisite: Grade of C- or higher in previous art class

Credit: .5 unit

Length: 1 Semester

Open to: 11-12

Students will learn the digital camera controls, composition, and printing the photo. The students will have an introduction to digital photography and manipulating images.

718 Art Portfolio

Prerequisite: Teacher Recommendation

Credit: 1 unit

Length: Full Year

Open to: 11-12

Portfolio class is for serious art students who want an art studio class to develop their art skills. The students will make an actual portfolio for their artwork, which they will present at the end of the year for a final grade. This portfolio can also be used by the student to present to art colleges for consideration for an art scholarship.

730 Advanced Placement Studio Art

Prerequisite: Teacher Recommendation

Credit: 1 unit

Length: Full Year

Open to: 12

This course may be offered through the Art Portfolio class with teacher recommendation.

Work And Family

920 Financial Management

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 10 (Required)

This semester course is designed to help students become more aware of financial literacy issues. The course is geared to the needs of the students and includes basic studies of the wise use of resources, managing resources, and making career choices. Students will assess the use of credit and debt to meet personal and family financial issues and gain information to protect their own financial health. Included is a study of how to get and keep a job. All students will be given the opportunity to job shadow in an area of their choice.

930 Child Development

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 11-12

This course is the study of human development and parenting skills. Included are reasons to become a parent, parenting roles in today's society, prenatal health and development, post-natal needs of parent and child, and mental development needs of children. In addition, positive parent-child relationships, sources of parenting information, public policies relative to children, and ways that society can share in nurturing children will be discussed.

940 Healthy Living

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 11-12

This course focuses on nutrition information to guide food choices and a healthy lifestyle. Students will link the value of physical activity, sleep, and healthy lifestyles to work performance. Conditioning and how food choices are related to athletic performance will be explored. The power of food choices, food selection techniques, food purchasing and preparation, equipment selection, and nutrition promotion are all topics that will be discussed. Lab fee.

950 Career Search I

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 9-10

Students will integrate management principles that will lead to more productive and meaningful lives. Goal setting and time management skills will be applied in reference to the family and work place. Students will develop and implement a career blueprint. They will plan for development of core employability skills needed to succeed in school and in the workplace.

960 Healthy and Safe Foods

Prerequisite: None

Credit: 1/2 unit

Length: 1 semester

Open to: 9-10

In this course the students will learn how to create food patterns that will relate to a healthy lifestyle. Students will select and prepare nutritious foods through lab experiences. This course covers how to make wise consumer choices, maintain a healthy living environment, and set goals for your successful future. Lab fee.

Physical Education And Health

810 Health

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9 (Required)

This course presents a study of the physical, social and mental health. The course is divided into units of study to aid the student with developing relations between self and health concepts. CPR certification will be offered. Sean Covey's 7 Habits of Highly Effective Teens will be read and studied.

811 Physical Education I

Prerequisite: None
Credit: 1/4 unit

Length: 1 semester
Open to: 9 (Required)

Coordinated in this program is the parallel of social involvement gained by the close and informal contact possible in team and individual sports.

812 Physical Education II

Prerequisite: Physical Education I
Credit: 1/4 unit

Length: 1 semester
Open to: 10 (Required)

Students will acquire the knowledge, skills, and desire to live a healthy and physically active lifestyle. Activities will include more advanced techniques introduced in earlier classes and an introduction to recreational activities for leisure and life-long fitness.

817 Fitness for Life I

Prerequisite: None
Credit: 1/2 unit

Length: 1 Semester
Open to: 11-12

Students will be exposed to a variety of activities that promote health-related fitness and a wide range of individual and team sports that can be pursued for a lifetime of activity. This class will also provide the opportunity to experience adventure/outdoor education activities. This class is designed for students of all fitness levels. Students will create and complete their own fitness improvement plan. Each student will also be required to participate in a service learning project or the mentoring of a younger student; helping them with their fitness levels. Some of these activities will include aerobics, weight training, Pilates, and step aerobics.

817 Fitness for Life II

Prerequisite: Fitness for Life I
Credit: 1/2 unit

Length: 1 Semester
Open to: 11-12

This is a continuation of the Fitness for Life I class.

Music Department

821 Concert Choir

Prerequisite: None
Credit: 1 unit

Length: Full Year
Open to: 9-12

At least four (4) required performances are presented each year (including: concerts, contests, and graduation). Several performances in the community may also be done (including performances at churches, other schools, and service organizations). A few extra, mandatory rehearsals are possible. A variety of music will be sung including: sacred, jazz, Broadway, and pop.

822 Band

Prerequisite: Instrumental knowledge
Credit: 1 unit

Length: Full Year
Open to: 9-12

The first nine weeks consist of marching band, which performs at all high school football games. Extra rehearsals are mandatory. The other time consists of concert band, which performs various concerts throughout the year. Participation in solo and ensemble contest and district band contest is encouraged.

825 Music Theory

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

Students will learn the fundamentals of music, including reading music, playing some simple piano music, doing simple music composition and studying many of the Western and other culture instruments and music habits.

826 Music Appreciation

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

Students will learn history of basic music theories, composers and musical instruments, as well as study early vocal music performances and the trends of music development in different cultures. Also, students will learn about and discuss current music trends, artists and performers, and discover music career options available in today's world.

835 A.P. Music Theory

Prerequisite: Approval of instructor
Credit: 1 unit

Length: 1 year
Open to: 11-12

Students will learn more advanced styles of music, including reading music, playing more advanced piano music, doing more advanced music composition and studying many more of the Western and other culture instruments and music habits.

Technology And Electives

620 Foundations of Computers

Prerequisite: None
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

This course will teach students the basics of office document processing. Students will learn the basics of creating attractive word processing documents, spreadsheets, and presentation creation. Students will also learn proper keystrokes and techniques using the MicroType Mac typing program. **Fulfills Technology requirement.**

625 Multimedia Applications

Prerequisite: Foundation Of Computers
Credit: 1/2 unit

Length: 1 semester
Open to: 9-12

Students will learn the basics of the Mac iLife software suite. Using various multimedia tools, students will learn how to develop podcasts, slideshows, videos, and websites. **Fulfills Technology requirement.**

750 Desktop Publishing

Prerequisite: Grade of B- or higher average in English
Credit: 1 unit

Length: Full Year
Open to: 10-12

Students will learn the basics of digital photography, graphic design, interviewing, advertising, and writing. These skills will be applied to the creation of the school yearbook and newspaper, as well as other real world projects.

813 Teenage Decisions I

Prerequisite: Multimedia Applications
Credit: 1/2 unit

Length: 1 Semester
Open to: 11-12

Students will learn to use multi-media technology. They will investigate how multi-media technology is used in everyday life. Teen Decisions I will create their own personal stories using multi-media software.

814 Teenage Decisions II

Prerequisite: Teen Decisions I
Credit: 1/2 unit

Length: 1 Semester
Open to: 11-12

Teen Decisions II will learn to research, write and produce informational videos.

815 Teenage Decisions III/VI

Prerequisite: Teen Decisions II
Credit: 1 unit

Length: Full Year
Open to: 12

Students will become proficient at television production. Students will be producing the schools' news programs. Students will also be introduced to, and work with, the local cable channel (HIX-TV).

816 Advanced Health Studies

Prerequisite: Teen Decisions or Multimedia Applications
Credit: 1 unit

Length: 1 Semester
Open to: 11-12

Students will research modern teen issues, such as drinking and driving, drug use, dating abuse, obesity, etc. The research will then be turned into a multi-media production, or other media form such as a web page. Students may take one or both semesters.

Four County Career Center

The Four County Career Center has added business, technical, and industrial courses to the comprehensive curriculum at Hicksville High School. All grades received at Four County Career Center are recorded on Hicksville permanent record files. All Hicksville students who attend the Four County Career Center must meet vocational graduation standards established by Hicksville Schools. Entrance into Four County Career Center will be determined on the basis of interest, ability, and achievement. Final selections will be made by the Four County staff.

Pre-Four County Requirements

All courses are for the Junior and Senior years. No student with less than 9.5 credits after their sophomore year will be accepted into any program at Four County Career Center.

Pre-Four County Career Center requirements for a two-year course of study are as follows:

Two units of credit in English	One-half unit of credit in Physical Education
Two units of credit in Mathematics	One-half unit of credit in Health
Two units of credit in Science	One-half unit of credit in Consumer Choices
Two units of credit in Social Studies	One-half unit in Technology

Students attending Four County Career Center can earn seven units of credit each year for a total of fourteen. College entrance from Four County Career Center courses is acceptable by the state. Many courses at Four County Career Center are terminal and prepare the student for immediate employment upon graduation from Hicksville High School. Many of the technical and trade courses also prepare the student for further education in these particular fields upon graduation.

Four County Career Center Programs

Arts & Communications And Business & Management

Accounting & Business Management - The program is designed to help students attain technical accounting skills and a broad knowledge of business and computer fundamentals. Students will learn skills that will make them excellent entry-level bookkeepers and office assistants. Each student will have the use of a laptop computer during their two years with the opportunity to purchase it at a reduced price upon completion of the program.

Chef Training - Areas of study: basic food preparations, proper storage and handling of food, care and use of food, quantity cooking, purchasing food in quantity, planning menus, estimating food costs, serving food, nutritional quality of food, safety and sanitation, dining room arrangement, kitchen operation. Career opportunities: waitress/waiter, cook, chef, cafeteria worker, food processing employee, menu planner, hostess/host, kitchen manager, restaurant owner.

Commercial & Graphic Arts - Commercial Art has traditionally been the creative side of the printing industry. Computers have expanded the field to include computer graphics, web design, multi-media, video and sound, and digital photography. Commercial Art is clustered with Graphic Arts.

Computer Networking & Repair (CISCO)- Areas of study: basic theory, advanced theory, DC and AS electronic circuits, amplifiers, oscillators, power supplier, laboratory aids, test equipment, hand tools, communication equipment, industrial electronics, computer repair. Career opportunities: auto radio installer technician, television technician, radio and television studio technician, electronic components sales person, radio and stereo technician, customer engineer trainee, computer repair and installation, medical electronics, industrial electronics.

Interior Design- Areas of study: industrial machine operation, drapery construction, cushion construction, upholstery, furniture refinishing, yardage estimation, rules and principle of design, color coordination, textiles, wall papering, chair caning, decorating a home. Career opportunities: furniture store assistant, furniture refinisher, industrial machine operator, color consultant, interior decorator assistant, a display assistant.

Medical Office Technologies - Areas of study: Word processing, computer software programs, terminology, transcribing, filing and record keeping, typing, payroll procedures, telephone techniques, business English and math, business machines, career planning, general and specialized office skills. Career opportunities: secretary in a law office or doctor's office, receptionist, clerk and/or filer.

Software Design and Web Development - To be determined.

Environmental & Agricultural Systems

Agricultural Diesel Mechanics - Areas of study: repair of agricultural machinery, spray painting, welding, air conditioning, hydraulics, electrical systems, transmissions, diesel injection systems, gasoline and diesel engines, small engines, final drives, trouble shooting. Career opportunities: diesel mechanic, sales for agricultural equipment and machinery, field service person, farm machinery mechanic, automotive-truck mechanic, parts and service, welding and fabrication, construction equipment operator and mechanic.

Diesel Mechanics - Areas of study: diesel engine maintenance, truck brakes, electrical systems, suspensions, steering, drive trains, refrigeration, air conditioning, hydraulic systems, trouble shooting, shop practice, fuels, lubricants and coolants. Career opportunities: service person in a mechanic department, diesel mechanics for a truck line, service of diesel heavy equipment, refrigeration technician, injection system service person, parts person, and counter person.

Floriculture - Areas of study: fruit and floral design, greenhouse operation and management, flower production, and plant maintenance. Career opportunities: floral designer, flower shop manager, interior plant care, a sales clerk.

Landscape & Greenhouse Technologies – This program deals with vegetable production, landscape maintenance, turf management, ornamentals, weed identification and control, disease and insect identification. Career opportunities: greenhouse plant grower, greenhouse manager, landscape design, landscape maintenance, lawn service, sales clerk, weeding consultant, a production sales person.

Powersport Engine Technology - Students in this program service and repair gas and diesel engines on a variety of equipment, including lawn mowers, marine engines, motorcycles and ATVs.

Veterinarian Assistant - Students will learn basic veterinary skills on small and large animals, including basic research methods, clinical methods, preventative care, medical equipment use, and preventative methods. In addition to the hands-on components of the program, a combination of courses will provide students with a firm foundation in science, biology, math, and the health care of animals.

Health Services And Human Resources/Services

Cosmetology - Areas of study: bacteriology, sterilization, scalp treatments, manicuring, hair shaping, hair styling, massage, hair coloring, anatomy and physiology, electricity and light therapy, beauty salon management, customer work. Career opportunities: beauty operator, make-up operator, manicurist operator, hair stylist, platform artist for competitions, a sales person in a beauty supply company.

Early Childhood Education - Areas of study: The preschool child, health and safety of young children, food and nutrition for children, the nursery school, record keeping, theories of child development, maintenance, storage and inventory of equipment, infant and toddler development, the school age child, and special children. Career opportunities: teacher's aide, playground supervisor, childcare center teacher, recreation assistant, nanny, child care center operator.

Fire and Rescue - This program covers a wide range of firefighting, first responder, and emergency medical technician training including field experience and/or early placement. Students gain knowledge and skills in computer applications, student leadership, critical thinking and decision-making as well as citizenship development and problem solving.

Health Careers - This exciting, fast-paced program prepares students for a career in the medical field directly after high school or after additional education and/or training. In the second year of the program, students have the option of a cooperative work experience or a mentoring and college work experience if they meet the criterion.

Hospitality Services – Areas of study: food service, nutrition, serving, sanitation, laundry, safety and recordkeeping. Career opportunities: cafeteria worker, nursing home worker, a motel employee.

Industrial Services - This program allows students to learn: general custodial/sanitation procedures; use and operation of custodial equipment; auto detailing; and general maintenance including plumbing, electrical, and basic fix-it items.

Law Enforcement and Security Tactics - This program covers a wide range of law enforcement, security, and corrections training including field experience and/or early placement. Students gain knowledge and skills in computer applications, student leadership, critical thinking and decision-making as well as citizenship development and problem solving.

Sports Fitness and Exercise Science – To be determined.

Teaching Professions - The Career Paths for the Teaching Profession program is a one-half day program. Students will take their academic classes at their own high school. The seminar days are housed at The Defiance College. This is a senior-only program designed for students planning to pursue a teaching degree in college.

Industrial & Engineering Systems

Auto Collision Repair - Areas of study: customer body repair, painting, major body repair, alignments, employment relationships, estimating auto body repairs, shop safety, body installation, sealer and weather strip, welding, brazing and shrinking, metal straightening, shop organization and management. Career opportunities: auto body technician, body shop management, automotive paint refinisher and parts salesperson.

Automotive Technologies - Areas of study: testing methods, diagnosing faulty operation, mechanic repair, electrical repair, normal servicing procedures, computerized equipment, troubleshooting, brakes, power train, suspension and steering, tune-up procedures, shop safety. Career opportunities: new care dealerships mechanic, service department mechanic, private garage mechanic, parts salesperson, service station mechanic, self-employment as a mechanic.

Building Trades/Carpentry - Areas of study: blueprint reading, care and operation of hand power tools, framing of buildings, interior and exterior finishing, cabinet making, sketching, form building, study of building materials, estimating and cost accounting, concrete construction, brick block laying. Career opportunities: carpentry, brick layer, roofer, siding applicator, painter, cabinet maker, construction foreman, construction salesperson, remodeling contractor, dry wall and cal-board applicator.

Computer Design/3D Modeling - This program will train students in communicating design information through the use of computer-generated drawings, charts and graphs, Students learn to use various types of precision measuring tools, hand drawing tools, and mechanical and architectural scales.

Electrical - Areas of study: installation, fixtures, motors, layout, apparatus, generators, relays, AC and DC contractors, residential construction wiring, theory, wiring design, testing of electrical controls. Career opportunities: electrician, electrical sales representative, electrical line splicer, electrical wiring inspector, wiring maintenance, electrical utility repair, electrical tool repair.

HVAC and Plumbing - Areas of study: pipe and fittings, code definitions, code applications, water system, solar and geothermal, tools and power equipment, residential/commercial blueprints, gas piping system, municipal systems, layout and measurements, mathematics. Career opportunities: parts manager, plumbing and heating helper, worker at a supply house, distribution of merchandise, start own business.

Precision Machining - Areas of study: blueprint reading, power saws, engine lathe, drill press, bench work, grinder, milling machine, electrical discharge machine, precision measuring, safety procedures, employability skills, work ethics, computer numerical control. Career opportunities: machine operator, machinist, tool and die maker, layout person, set up person, technician, supervisor, foreman, tool and die repair.

Pre-Engineering - This program teaches students how to handle the technical side of making a product.

Engineering technicians solve technical problems in a variety of engineering fields, such as preparing drawings and helping to produce and inspect products. This class meets at the Northwest State Community College campus to take advantage of state-of-the art labs.

Welding Fabrication - Areas of study: safety, electric arc, fabrication, measuring devices, metallic inert gas, arc-pipe welding, equipment construction and care, metallurgy, brazing, soldering, hand tools, work orientation. Career opportunities: production welding, sales person, weld testing, combination welder, fitter or flame cutting operator, sheet metal apprentice.