

*Program
of
Studies*



2008

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Prepared by the
Hudson High School Guidance Department

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GRADUATION REQUIREMENTS

| Regents Diploma | | Advanced Regents Diploma | |
|--------------------|-----------|--------------------------|-----------|
| Required Courses | | Required Courses | |
| English | 4 | English | 4 |
| Social Studies | 4 | Social Studies | 4 |
| Math** | 3 | Math** | 3 |
| Science** | 3 | Science** | 3 |
| Foreign Language* | 1 | Foreign Language* | 3(a) |
| Art/Music | 1(b) | Art/Music | 1(b) |
| Health | ½ | Health | ½ |
| Physical Education | 2 | Physical Education | 2 |
| Electives | 3½ | Electives | 1½ |
| TOTAL | 22 | TOTAL | 22 |

| Regents Diploma | Advanced Regents Diploma |
|--|--|
| Required Exams (Passing score of 65 and above) | Required Exams (Passing score of 65 and above) |
| English Language Arts | English Language Arts |
| Math A | Math A and Math B |
| Regents Global Studies | Regents Global Studies |
| Regents U.S. History | Regents U.S. History |
| Regents Science | 2 Regents Science |
| | (a) Regents Foreign Language |

Students who first enter grade nine in September 2007 must attain a score of 65 or above on four of the five required Regents examinations and a score of 55 or above on the one remaining required Regents examination to earn a **Local Diploma**.

*Students are required to complete (1) unit of credit in a Foreign Language.

**An integrated course in Mathematics/Science/Technology may be used as the third required unit of credit in mathematics or science.

(a) Students earning (5) units of credit in Art, Music, Business, Technology or Vocational education may be exempt.

(b) Technical Drawing and Architectural Drawing may be used to satisfy part of the art/music requirement. Design + Drawing for Production may be used to satisfy the one credit of the art/music requirement..

ACADEMIC INTEGRITY

Academic integrity is a basic guiding principle for all academic activity at Hudson High School. It allows the pursuit of scholarly activity in an open, honest, and responsible manner.

In accordance with the School District's Code of Conduct, all students will practice integrity in regard to all academic assignments. They will not engage in or tolerate acts of falsification, misrepresentation or deception because such acts of dishonesty violate the fundamental ethical principles of the high school community and compromise the worth of work completed by others.

Any work you submit without appropriate citation of the work of others is plagiarism and will not be tolerated. If you include ideas, sentences, or other material that are not yours in your work, you must properly cite your source(s). Your name on any assignment submitted indicates that you understand the rules of plagiarism and academic integrity and that the submitted work is your own.

All violations of academic integrity will be subject to the consequences as detailed in the Code of Conduct. Once the violation is determined to be true, the student could lose partial or all credit for the exam and/or assignment in question.

ART DEPARTMENT

9121- STUDIO ART

See what YOU like about art by trying out an extensive variety of hands on art experiences, including silkscreening tee-shirts, learning some easy drawing tricks, expressing yourself with color, building a Claypot or sculpture. This course is mandatory for an art sequence and required before taking certain other art classes. 1 unit.

9212- CRAFTS

This is a survey course of historic and contemporary crafts from many different cultures including Navajo spinning and weaving, Mexican punched paper and papier mache, Origami, clay mosaics, pyroengraving, macrame' jewelry and handmade books. 1 unit.

BUSINESS DEPARTMENT

6101- CAREER & FINANCIAL MANAGEMENT 1

This is a ½ year introductory course required for all occupational education students. It includes two modules: "The Working Citizen" which focuses on the individual's personal and professional development within the work world, and "Personal Resource Management" teaches the techniques of managing money and other personal resources in a responsible and satisfying way. ½ unit.

6111- CAREER & FINANCIAL MANAGEMENT 2

This is a ½ year course covering an introduction to business skills chosen from the following projects: electronic calculators, financial money management, business record keeping, and alphabetic filing. ½ unit.

6131- KEYBOARDING/BUSINESS COMMUNICATIONS

This one year course is designed to develop alphabetic as well as numeric keyboarding skills on the computer. All aspects of business correspondence, reports, and other documents are covered. The business communications content includes: non-verbal, verbal, and written communications. Listening and reading skills are also developed.

1 unit.

6241- COMPUTER APPLICATIONS

This course covers the fundamentals of keyboarding including an introduction to computerized word processing. Students learn to use the computer to prepare correspondence, term papers, spreadsheets, databases and Internet research. ½ unit.

6251- ADVANCED COMPUTER APPLICATIONS

This course will provide instruction in advanced word processing, spreadsheet, database, presentation, desktop publishing programs, and Internet research. The concepts learned in this course will allow students to adapt to other equipment or programs with a minimum of difficulty in the future. Prerequisite: Computer Applications or Keyboarding/Business Communications. ½ unit.

| |
|---------------------------|
| CONSUMER + FAMILY SCIENCE |
|---------------------------|

8101- FOOD + NUTRITION CORE

The content of this required course includes nutrition awareness, meal management, food preparation and purchasing, and meal service. It is a basic course that is strongly recommended for any student considering a career in the hospitality business or in another food related industry. ½ unit.

8111- HUMAN DEVELOPMENT CORE

This course focuses on the adolescent and how he/she relates to others, i.e, peers, young children and adults. Students will examine issues important to them as individuals and as members of the community, such as communication, conflict management, decision making and coping with stress. Careers related to human relations and development will be examined. Students who are considering a career in human services will find this course helpful. ½ unit.

8121- INTRODUCTION TO SEWING

This semester class is designed to teach the basic steps necessary to begin the sewing process. Students will learn the fundamentals of sewing and pattern reading. They will learn how to run a sewing machine and stitch some practice pieces. Basic sewing techniques needed for constructing a sewing project such as seam allowances, backstitch, pivot and miter, seam finishes, casing, attaching a button, and pressing/ironing techniques will be emphasized. Students will have the opportunity to complete several simple sewing projects. Grades 9-12. ½ unit.

8211- FOOD PREPARATION & NUTRITION

This course continues the concepts presented in the Food & Nutrition Core. Laboratory experiences will reinforce the concepts of a healthy diet and preparation of nutritious food products. Prerequisite: Food & Nutrition Core. ½ unit.

ENGLISH DEPARTMENT

1111- ENGLISH 9

This course includes instruction and practice in reading, writing, speaking, emphasizing the interrelationships among them. Library usage will be an integral part of the course. Literary works include a unit of short stories and some of these novels: *Great Expectations*, *Monster*, *Romeo & Juliet*, and *The Call of the Wild*, non-fiction, *Death Be Not Proud*, long plays, *Raisin in the Sun*, *The Miracle Worker*, Greek and Roman mythology. 1 unit.

1181- ENGLISH 9E

This course is designed primarily to accommodate enriched students; therefore, this course will be open only to 9th grade students who earned a 90 average or better overall and **must** have a teacher recommendation. There will be emphasis on critical thinking, literary analysis, and independent research and reading. Students will be reading many novels independently. Enrichment activities will include a creative writing and poetry unit. **If the academic standards are not upheld, the student may be reassigned to the regents level course.** 1 unit.

FOREIGN LANGUAGE DEPARTMENT

3111- ITALIAN 1

This is a beginner's course. It also serves those students with little experience with a second language and/or those who have not passed the NYS Proficiency exam. Successful completion will meet NYS requirements for foreign language study and/or enable the student to continue onto the next level of study. 1 unit.

3121- SPANISH 1

This is a beginner's course. It also serves those students with little experience with a second language and/or those who have not passed the NYS Proficiency exam. Successful completion will meet NYS requirements for foreign language study and/or enable the student to continue onto the next level of study. 1 unit.

3211- ITALIAN 2

Students enrolled in Italian 2 have either successfully completed the Italian 1 course at the high school or middle school. This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time inside and outside of the classroom setting. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of other disciplines is ongoing throughout the course. Prerequisite: Italian 1. 1 unit.

3221- SPANISH 2

Students enrolled in Spanish 2 have either successfully completed the Italian 1 course at the high school or middle school. This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time inside and outside of the classroom setting. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages and they examine the influence of the beliefs and values on the target culture(s). Integration of other disciplines is ongoing throughout the course. Prerequisite: Spanish 1. 1 unit.

MATHEMATICS DEPARTMENT

4131- ALGEBRA (first time offered 2007-2008)

This Regents course covers an introduction to algebraic operations including solutions of linear equations and inequalities. It also includes some aspects of geometry of the circle and ration and proportion. Graphing in a rectangular coordinate system, probability, permutations, statistics, transformations and a unit of logic are additional topics covered. Regents will be given in June. 1 unit.

4132- INTEGRATED MATH 1

This course includes the study of numbers and operations, solving equations and inequalities, basic geometry concepts, polynomials, and rational and irrational numbers, right triangle trigonometry, coordinate geometry graphs of quadratic equations and circles. 1 unit.

4220- GEOMETRY (first time offered 2008-2009)

This course will include a review and extension of transformations, logic, probability, permutations, and combinations. Solutions of quadratic equations are covered in addition to topics in analytic and Euclidean geometry. Math A is required before taking this course. The Math A Regents exam will be given in January. Students who do not pass the Regents exam may take it again in June or August. Students must have passed the Math A Regents exam (a graduation requirement) before going on to Math B. 1 unit.

MUSIC DEPARTMENT

9401- BAND

During the football/marching season students participate in civic celebrations and school functions. The band performs a variety of marching band music as well as patriotic songs. During the concert season students will continue to develop their abilities through experiencing a wide variety of musical styles and pieces. Band members may audition for participation in Jazz Ensemble which meets one evening a week and performs "Big Band" music (Jazz, Swing and Rock, both Old and New). Prerequisite: participation in the band program at the elementary and middle school levels. ½ unit.

1411- CHOIR

Students will meet with Mr. Sisk before admission is allowed. Students will participate in group vocal performances in many styles of music. They will acquire and develop skills, techniques, and habits for effective musical expression. Choir members are eligible to audition for two select choirs; Men's Glee Club and Women's Chorale. Both groups meet once a week after school and perform a variety of styles of music. This course will also include mandatory group vocal lessons which will be on a rotating schedule similar to band lessons. They will be given a numerical grade for this course. There are three mandatory performances each year, they are in December, January and May. ½ unit.

1421- THEATRE

Students will study the history of theatre from the ancient Greeks thru modern theatre. They will perform plays from the different time periods. Students will perform established theatre pieces as well as Create and write their own scripts. Basic elements of acting, including character development, developing a theatre voice, improvisation and pantomime will be covered. The students will demonstrate a working knowledge of directing, blocking, producing, set design, costumes, lighting and sound technology. In addition the students will learn how theatre reflects the beliefs, issues, and events of societies past and present. Open to grades 9-12. No prerequisite. 1 Credit.

9451- MUSIC IN OUR LIVES - FALL

This course is designed to give students and opportunity to enjoy music in a variety of ways. Students will choose one or both of the following instruments; keyboard and/or guitar. They will begin a sequential method on their instrument. They will learn the technique of playing the instrument(s) and how to read musical notation. They will also learn basic recording techniques on a four track fostex recorder. The end of the course will be to record themselves and produce a CD. No prerequisite is required for this course except a desire to learn a musical instrument and a willingness to work hard. ½ unit.

9452 - MUSIC IN OUR LIVES - SPRING

This course is designed to give students and opportunity to enjoy music in a variety of ways. Students will choose one or both of the following instruments; keyboard and/or guitar. They will begin a sequential method on their instrument. They will learn the technique of playing the instrument(s) and how to read musical notation. They will also learn basic recording techniques on a four track fostex recorder. The end of the course will be to record themselves and produce a CD. No prerequisite is required for this course except a desire to learn a musical instrument and a willingness to work hard. If a student completed Music In Our Lives-Fall this can be a continuation of the musical program started. ½ unit.

PHYSICAL EDUCATION DEPARTMENT

All students in New York State are required by law to successfully complete four years of physical education in order to graduate. Physical education units are designed to meet the New York State Learning Standards:

- 1- **Personal Health and Fitness:** students will have the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity and maintain personal health.
- 2- **Safe and Healthy Environment:** students will acquire the knowledge and ability necessary to create and maintain a safe and healthy environment.
- 3- **Resource Management:** students will understand and be able to manage their personal and community resources.

Students are required to actively participate in all activities while wearing appropriate clothing and footwear. A variety of lifetime fitness sports and activities will be offered. Some of these units include: soccer, touch football, volleyball, badminton, bowling, project adventure games, tennis, racquetball, fitness walking, weight lifting, lacrosse, aerobics, and golf. 1/4 credit will be earned upon successful completion of each semester.

SCIENCE DEPARTMENT

5102- EARTH SCIENCE

This Regents course will investigate the processes of change on Earth. Topics include mapping Earth's surface, minerals, the rock cycle, the water cycle, glacial geology, plate tectonics, Earth's geologic history, weather, climate, Earth's motion in space, the formation of the solar system, and deep space studies. Environmental issues will be discussed throughout the year. A prerequisite for admission to the Regents exam in Earth Science is 1200 minutes of laboratory work with satisfactory and acceptable written reports. 1 unit.

SOCIAL STUDIES DEPARTMENT

2102- GLOBAL HISTORY + GEOGRAPHY 9

New York State Education Department curriculum in 9th and 10th grade social studies program is World History/A Chronological Approach. Topics covered in the 9th grade are: the development of agriculture, early civilizations, world religions, the emergence of Europe, early Asian, Latin America and African civilizations, and the age of exploration. 1 unit.

2103- ADVANCE PLACEMENT WORLD HISTORY 9

This course enables Hudson High School to provide an academic challenge to the 9th grade enriched level students. This course will be divided into two full-year offerings, beginning in 9th grade. The curriculum will begin in pre-history and conclude by 1750. Students will be required to take the AP World History exam in May of their 10th grade year. The cost of the exam is the student's responsibility. Students will also take the New York State Regents exam in Global History + Geography in June. The course requirements will include summer assignments and selected readings. Students will be accepted into this program based on standardized tests, grade point averages, and teacher recommendations. 1 unit.

TECHNOLOGY DEPARTMENT

7101- PRODUCTION SYSTEMS

This required course explores the worlds of manufacturing and construction. Students design and build a variety of products and structures. Activities may include bridge building, house framing, furniture construction, and mass production projects. The course is recommended for those interested in pursuing careers such as industrial designer, construction worker, machine and equipment operators. ½ unit.

7111- TRANSPORTATION SYSTEMS

This required course provides students with an opportunity to study aerospace, land, and marine transportation systems. This is a hands-on course. Students build and test the designs of scale model cars, rockets, and boats. ½ unit.

7121- BASIC ELECTRICITY*

This required course provides introductory electrical theory in AC and DC circuits. Bench work, lab work, and house wiring reinforce theory through practical application. This course is highly recommended for the student who plans to pursue further study or a career in electricity/electronics. Technical Drawing and 1 year of math are required before taking this course. ½ unit.

7131- TECHNICAL DRAWING*

This course is the universal language of engineers, architects, designers, and tradespeople who rely on accurate plans to convey information. Students who take this course learn to produce these drawings by conventional methods and through the use of computers. This is the first of 2 drawing courses. It is most beneficial to the student who wishes to pursue a career in a technical field. ½ unit