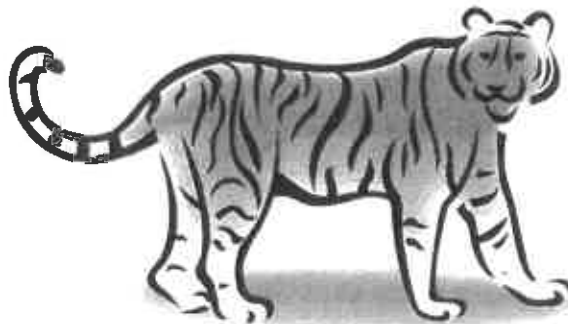


**Union-Endicott School District  
Union-Endicott High School  
Jennie F. Snapp Middle School  
UEHS Class of 2022**

**9<sup>th</sup> Grade  
Information &  
Course Description  
Guide  
2018**



# STATE GRADUATION REQUIREMENTS

## Total Units of Credit

All students will acquire at least 22 units of credit.

## Core Credit Requirements

Regents Diploma		Subject Areas	Advanced Designation on Regents Diploma	
Courses	NYS Regents Exams		Courses	NYS Regents Exams
4	1	English	4	1
4	2	Social Studies	4	2
3	1	Mathematics	3	3*
3	1	Science	3	2
1		Art/Music	1	
.5		Health	.5	
2		Physical Education	2	
1*		Second Language (Level I credit required of all students)	3*	
3.5		Electives	1.5	
22		Units in Core	22	

1. Three units in Foreign Language must be from the same Language discipline.
2. Students acquiring 5 units in occupational studies or the arts may be exempt from completing 3 units in foreign language for Advanced Designation.
3. Students challenging an applied program throughout high school are likely to achieve a Regents diploma.

\*NOTE: To graduate, all students must pass five (5) exit exams with a minimum grade of 65.

## SUMMA CUM LAUDE DIPLOMA

CLASS OF 2003+

22.0 Units of Credit with 20.5 in the Core / Must pass 8 Regents Examinations

GPA at Seven Semesters of 90% or Higher

One of the Following Two Options:

OPTION I – Carry an average of 90% or higher for the first three marking periods in three advanced courses distributed from one each of the three categories

OPTION II – Carry an average of 90% or higher for the first three marking periods in five advanced courses taken in any of the three categories

### CATEGORY A

AP Calculus AB  
 AP Computer Science A  
 AP Biology  
 AP Physics I  
 AP Chemistry  
 AP Statistics  
 AP Computer & Software Engineering  
 College Global Environment

### CATEGORY B

AP English Composition  
 AP English Literature  
 AP U.S. Gov't & Politics and  
 AP Macro Economics  
 AP American History  
 AP European History  
 College Business Law

### CATEGORY C

College French 4  
 College Italian 4/5  
 College Spanish 4  
 Principles of Engineering  
 AP Studio in Art  
 College Accounting  
 Honors Science Research (2nd year)

## Union-Endicott High School Diplomas

1. Regents Diploma
2. Advanced Designation Regents Diploma
3. Summa Cum Laude Diploma

### 1. Regents Diploma ~ Graduation Requirements

1. PASS ALL REQUIRED COURSES (the right combination)
2. EARN A MINIMUM OF 22 CREDITS
3. REGENTS/EXIT EXAMINATIONS

### Required Courses

	<u>Years</u>	<u>Credits</u>
ENGLISH.....	4.....	4
SOCIAL STUDIES.....	4.....	4
MATHEMATICS.....	3.....	3
SCIENCE.....	3.....	3
PHYSICAL EDUCATION.....	4.....	2
ART/MUSIC.....	1.....	1
HEALTH.....	1/2.....	1/2
FOREIGN LANGUAGE.....	1.....	1
MINIMUM ELECTIVES.....		<u>3 1/2</u>

22 Credits

### Credits

- FULL YEAR COURSE (65 AVG.) 1 CREDIT  
SEMESTER COURSE (20 WEEKS) 1/2 CREDIT  
PHYSICAL EDUCATION (1/2 CREDIT w/65 & above AVG.)

## 2. Advanced Designation Regents Diploma

**\*Also must pass 9 regents exams: 5 exams previously listed and 4 additional exams ~**

- **2 more in Math (NYS Regents exams) and**
- **1 more in Science (NYS Regents exam) and**
- **1 in foreign language (local final exam at end of Level 3)**

### Required Courses

	<u>Years</u>	<u>Credits</u>
ENGLISH.....	4	4
SOCIAL STUDIES.....	4	4
MATHEMATICS .....	3	3
SCIENCE.....	3	3
<b>(a) FOREIGN LANGUAGE .....</b>	<b>3</b>	<b>3</b>
PHYSICAL EDUCATION.....	4	2
ART/MUSIC.....	1	1
HEALTH .....	1/2	1/2
SEQUENCE/ELECTIVES .....	1 1/2	1 1/2
<b>TOTAL.....</b>		<b>22 Credits</b>

**(a) Students acquiring 5 units of credit in Art, Music, Business, Technology, Family Consumer Science or Vocational Education may be exempt from the three-credit foreign language requirement for the Advanced Designation Regents Diploma.**

### 3. Summa Cum Laude Diploma

Please see requirements in UEHS Course Catalog

# NYS Regents/Exit Examinations Requirements

ALL exams must be passed with a 65% or better.

<u>NYS REGENTS EXAM</u>	<u>YEAR</u>
<b>1. MATH</b>	<b>8<sup>th</sup> or 9<sup>th</sup> or 10<sup>th</sup> Grade</b> <ul style="list-style-type: none"><li>• If <b>Algebra 1A</b>, then Integrated Algebra exam is taken in June 2020 (end of 10<sup>th</sup> gr. after completing Algebra 1B)</li><li>• If <b>Algebra 1</b>, then Integrated Algebra exam is taken in June 2019 (end of 9<sup>th</sup> gr.)</li><li>• If <b>Geometry</b>, Integrated Algebra Regents taken in June 2018 and Geometry Regents is taken June 2019.</li></ul>
<b>2. SCIENCE</b>	<b>9<sup>th</sup> or 10<sup>th</sup> Grade</b> <ul style="list-style-type: none"><li>• If <b>Applied Science I</b> then Living Environment exam is taken in June 2020 (end of 10<sup>th</sup> gr. after completing Applied Science II)</li><li>• If <b>Earth Science</b> then Earth Science exam is taken in June 2019 (end of 9<sup>th</sup> gr.)</li></ul>
<b>3. GLOBAL HISTORY</b>	<b>10<sup>th</sup> grade</b>
<b>4. U.S. HISTORY &amp; GOV'T</b>	<b>11<sup>th</sup> grade</b>
<b>5. COMPREHENSIVE ENGLISH</b>	<b>11<sup>th</sup> grade</b>

# ENGLISH

## ENGLISH 9

Regents, Honors

Ninth grade English is a full-year course. Students will continue to broaden their knowledge of literature by reading short stories, poetry, plays, novels and nonfiction works. The focus of the course is on reading comprehension, interpretation of literature, critical thinking, research and writing. Core readings include *Animal Farm*, *To Kill a Mockingbird* and *Romeo and Juliet*. Students will be recommended for English 9 Honors based upon 8th grade course averages, assessment scores and teacher recommendation. The Honors curriculum will include a more in depth study of literature, vocabulary and persuasive writing. Core readings for English 9 Honors can include the works listed above and *The Book Thief*, *Frankenstein*, *The Alchemist*, *The Chosen*, *Raisin in the Sun* and *The Hound of the Baskervilles*. A final exam will be given at the end of the year that will count as one-fifth of the student's final grade in the course.

1 Unit of Credit

# SOCIAL STUDIES

## GLOBAL STUDIES 9

Regents, Honors

Global History I and II include the study of nine major units of study: Introduction to Global History, Ancient World: Civilizations and Religion (4000 BC-500 AD), Expanding Zones of Exchange and Encounter (500-1200), Global Interactions (1200-1650), The First Global Age (1450-1770), An Age of Revolutions (1750-1914), A Half Century of Crisis and Achievement (1900-1945), The Twentieth Century Since 1945 and Global Connections and Interactions. These units of study use a chronological format organized around themes and concepts. The major themes and concepts covered are belief systems, diversity, economic systems, political systems, imperialism, geography, culture and intellectual life, environment, change, interdependence, justice and human rights, movement of peoples and goods, nationalism, science and technology and urbanization.

Emphasis in the two-year course of study is on cultural development through the history of the world. Students will also examine current international relations. A major purpose is to promote the understanding of the religions and philosophies traditions, customs, and usages developed throughout the world. With this understanding of cultures, the student will be better equipped to accept and work in our interdependent world with individuals and nations that have different cultural perspectives from those in the United States. **A special note on the Global History 9 and 10 program: The New York State Regents is a cumulative examination; i.e. it tests equally the content and skills learned over the two year Global History program.**

The Global Studies 9 and 10 honors programs follow the same syllabus as the regents level Global Studies sections but with a greater breadth and depth of coverage. The Global 9 honors program emphasizes analysis of primary sources and creating connections between the curriculum, current events, and literature. Students will demonstrate the mastery of their knowledge and analytical skills through in-depth class discussions (Socratic Seminars) and through the use of technology (blogs, discussion boards, etc.). Student assessments will also focus heavily on writing that is based on the New York State Global Studies Regents essential questions.

1 Unit of Credit

# MATHEMATICS

## **ALGEBRA 1A and ALGEBRA 1B**

These two courses make up a two year program to prepare students for the Common Core Algebra Regents exam which they will take as 10th graders when they complete Algebra 2A. This sequence of courses is recommended for students for finish Math 8 with an average less than 75 percent. The emphasis of the Common Core Algebra is on reasoning with equations, descriptive statistics, linear and exponential relationships, expressions and equations, and quadratic functions. Common Core Algebra focuses on deep understanding on concepts, problem solving with precision and fluency. This 2 year sequence takes into consideration that some students need two years to be successful. During the 10th grade year (Algebra 2A) students will also have a lab attached to the course so that they have a double period every other day. Students will have the use of a TI84+ graphing calculator.

Regents

1 Unit of Credit

## **ALGEBRA 1**

This course prepares students to take the Common Core Algebra Regents at the end of 9th grade. This course is recommended for students who passed Math 8 with an average higher than 75 percent. The emphasis of the Common Core Algebra is on reasoning with equations, descriptive statistics, linear and exponential relationships, expressions and equations, and quadratic functions. Common Core Algebra focuses on deep understanding on concepts, problem solving with precision and fluency. During 9th grade there is a lab attached to the class so that students spend a double period in Math class every other day. Students will have the use of a TI84+ graphing calculator.

Regents

1 Unit of Credit

## **GEOMETRY-R**

The goal for this course is to prepare students to take the Common Core Geometry Regents exam. The Common Core Geometry curriculum stresses congruence, constructions, similarity and right angle trigonometry, connecting algebra and geometry through the coordinate plane, circle geometry with and without the coordinate plane. All topics are supported by formal proof. This course follows successful completion of Algebra and a passing score on the Algebra Regents exam with averages above 75. Students will have the use of a TI84+ graphing calculator.

Regents

*Prerequisite: Integrated Algebra*

1 Unit of Credit

## **SCIENCE**

### **APPLIED SCIENCE I (Living Environment Focus)**

Regents

This is the first course in a two-year sequence culminating in the Living Environment Regents Exam in the second year. Students successfully completing both courses will receive 2 units of credit. It is intended for students who may need additional help with basic science skills and additional time to meet the Regents Exam requirement. Topics from the biological and earth/environmental sciences are studied with emphasis on application to students' everyday lives and to the world around us. Inquiry-based laboratory activities are an integral part of the course and a laboratory practical is required at the end of both years.

Lab Requirement: Two double periods per six day cycle.

1 Unit of Credit

### **EARTH SCIENCE (Physical Setting: Earth Science)**

Regents

This course is designed for maximum student involvement. Students are active participants within the learning environment of the classroom and laboratory. In each of the laboratory exercises, the students are placed in the role of investigator. Traditional earth science subject areas (rocks, minerals, earthquakes, volcanoes, map readings, cyclones, tornadoes, hurricanes, stars and space) are stressed. Emphasis is placed on the observation and analysis of the environment and the processes affecting it. The Regents exam is based on the Earth Science core curriculum.

Lab Requirement: Two double periods per six day cycle.

1 Unit Credit

### **BIOLOGY (The Living Environment)**

Regents

This course emphasizes major underlying concepts in the life series such as biochemical and cellular similarities and ecological and evolutionary relationships. Laboratory work involves both demonstration of principles and investigations into various processes. Successful completion of the laboratory program is a prerequisite for admission to the final examination. The final examination is the New York State Living Environment Regents Examination.

Lab Requirement: Two double periods per six day cycle.

*Prerequisite: Successful completion of Regents level Earth Science or IPS Science*

1 Unit of Credit



# FOREIGN LANGUAGE

## FRENCH 1

This course is designed to introduce students to elementary aspects of French language and to the cultures of French speaking people. Emphasis is given to establishing a strong foundation in comprehension and basic communication on simple, everyday topics. Students will be able to comprehend main ideas and some detail on familiar topics and will be able to write an organized letter or narrative story on a simple, familiar topic. Successful completion of this course results in the required 1 unit of credit for the NYS graduation requirement.

Regents

1 Unit of Credit

## FRENCH 2

This level continues to develop the speaking, listening, reading and writing skills acquired in French 1. By the end of the course, a student should be able to speak about oneself and one's surroundings and ask for information as well as understand a native speaker speaking slowly on a specific topic. Emphasis will be placed on the student's ability to function in everyday situations. The study of French-speaking people and their countries is continued in the second year.

Regents

*Prerequisite: French 1*

1 Unit of Credit

## ITALIAN 1

This course is designed to introduce students to elementary aspects of Italian Language and to the culture of Italian speaking people. Emphasis is given to establishing a strong foundation in comprehension and basic communication on simple, everyday topics. Students will be able to write an organized letter or narrative story on a simple, familiar topic. Successful completion of this course results in the required 1 unit of credit for the Regents Diploma.

Regents

1 Unit of Credit

## ITALIAN 2

This course focuses on enriching and improving listening comprehension and speaking ability and simultaneously expands the student's knowledge of Italian culture. Reading and writing receive increased attention but the chief emphasis remains on conversational skills.

Regents

*Prerequisite: Italian 1*

1 Unit of Credit

## SPANISH 1

This course is designed to introduce students to elementary aspects of Spanish language and to the cultures of Spanish speaking people. Emphasis is given to establishing a strong foundation in comprehension and basic communication on simple, everyday topics. Students will be able to comprehend main ideas and some detail on familiar topics and will be able to write an organized letter or narrative story on a simple, familiar topic. Successful completion of this course results in the required 1 unit of credit for the Regents Diploma.

Regents

1 Unit of Credit

## SPANISH 2

This course is designed for students who have successfully completed Level 1 and would like to further develop basic foreign language communication skills. Emphasis will be placed on the student's ability to function in everyday situations and to develop communicative proficiency. Students will demonstrate listening comprehension and understanding dialogues, stories and questions on familiar topics. Using authentic speech, the students will give answers and speak about covered topics. The students will be able to read and comprehend written passages using the vocabulary studied. Also, the students will be able to effectively communicate in writing on the topics previously learned. In addition, the students will receive an introduction to Spanish speaking people and their cultures.

Regents

*Prerequisite: Spanish 1*

1 Unit of Credit

## PHYSICAL EDUCATION

(Grades 9-12)

The physical education department is committed to the growth of each student by facilitating excellence in sportsmanship, academics, leadership, citizenship, skills and fitness in accordance with the New York State Standards. Throughout the year each student is required to participate in a Fitness Activity, an Individual Sports, Team Sports, and Aquatic Activities. Thus, students are offered activities that give them a well-rounded experience. Instruction is structured around lifetime and fitness activities. It is necessary for students to participate and wear proper attire.

## ART

### MUSIC, ART, AND COMPUTERS (MAC)

Regents

This team-taught course introduces students to music and art through technology and multimedia. Instructional time is also devoted to learning basic computer operations and word processing. Students will study principles of art and music and will use interactive software to research and write about music and art. Students will also use audio software to create their own original music compositions, as well as computer graphics software to create artistic visual images. As a culminating activity, each student will create a multimedia project combining an original music composition with artwork and text. This project will be based on a selected musical style, prepared by the student, enhanced with artistic graphics manipulation, and combined with a student-designed CD label and jewel case.

*Fulfills Music/Art Requirement*

1 Unit of Credit

### STUDIO IN ART

Regents

Why and how do artists create? What can be learned from studying artworks? What can be learned through creating art? Students will discover answers to these questions as they learn to work with 2-dimensional (drawing, painting, printmaking, collage) & 3-dimensional (sculpture, ceramics) art forms. Students will examine artworks from a variety of cultures and time periods, learn new techniques for creating their own art, explore elements & principles of design, and make cross-curricular connections. This class fulfills the NYS Fine Art credit requirement for graduation. It is an essential foundation class for most advanced art classes - a must for any student interested in further study of art in high school or beyond. Course activities include group work, lecture, research, quizzes, tests, and presentations, with the majority of class time devoted to hands-on activity. A final exam will be given during exam week.

*Fulfills Music/Art Requirement*

1 Unit of Credit

# MUSIC

## SYMPHONIC BAND

Symphonic Band is comprised of wind, brass and percussion instrumentalists. Students who have studied band instruments in the music program should register for this course. Symphonic Band rehearses representative band literature in NYSSMA Grade IV. Members study points of performance technique in instrumental lessons. Concerts are presented to the public and to various school assemblies and Symphonic Band students perform at the annual NYSSMA Festivals. Members are encouraged to take private lessons in order to assure advancement. The emphasis in Symphonic Band is placed on refinement of basic performance skills and technique. Instrumental lessons in school and attendance at performances are required. Advancement to Wind Ensemble is based on the student's performance, knowledge growth and successful audition.

Prerequisite: Director Recommendation

*Fulfills Music/Art Requirement*

Regents

1 Unit of Credit

## GENERAL CHORUS

Membership in the General Chorus is open to students who enjoy singing, would like to sing within a group setting, and are willing to conform to established guidelines. Students will learn how to make better use of their singing voice and will improve their ability to read music. A variety of styles of music is studied which will provide the student with a satisfying and enjoyable musical experience. Students perform prepared selections before audiences at various concerts throughout the school year. Sectional voice class and attendance at performances are required.

Prerequisite: Director Recommendation

*Fulfills Music/Art Requirement*

Regents/Honors

1 Unit of Credit

## ORCHESTRA

Orchestra is a music performance course for string instrumentalists. Winds and percussion instrumentalists are added to the ensemble for some performances. A variety of standard orchestral music is studied and played at rehearsals with music reading skills and performing techniques given special attention in small ensemble instrumental lesson classes that meet once weekly on a rotating schedule. Concerts provide opportunities to present prepared selections. Qualifying members participate in the New York State School Music Association Festivals. Sectional instrumental class and attendance at performances are required.

Prerequisite: Director Recommendation

*Fulfills Music/Art Requirement*

Regents/Honors

1 Unit of Credit

# TECHNOLOGY EDUCATION

## PROJECT LEAD THE WAY (PLTW) COURSES

### **Design & Drawing for Production (DDP)**

Honors

PLTW Foundation Course

DDP is a course for students who are interested in design, engineering, or another technical career. The major focus of DDP-PLTW is to expose students to a design process, professional communication and collaboration methods, design ethics, and technical documentation. DDP-PLTW gives students the opportunity to develop skills in teamwork, technical writing, engineering graphics, and problem solving through activity, project, and problem-based learning. DDP-PLTW challenges students to hone their interpersonal skills and creative abilities while applying math, science, and technology knowledge learned in other courses to solve engineering design problems and communicate their solutions. Students will use industry standard 3-D solid modeling software to design and document their solutions to design problems and challenges. As the course progresses and the complexity of the design problems increase, students will learn more advanced computer modeling skills as they become more independent in their learning, more professional in their collaboration and communication, and more experienced in problem solving. DDP-PLTW is one of the foundation courses in the Project Lead The Way pre-engineering program.

*Fulfills Music/Art Requirement*

1 Unit of Credit (HS)

2 credits SUNY Broome / 3 Units RIT

### **Computer Integrated Manufacturing (CIM)**

Honors

Rochester Institute of Technology

Students will build on previous Project Lead The Way experiences. Students will design models using computer software and then convert the computer geometry into CNC code to operate CNC machine tools. The use of robotics will also be covered for materials handling and assembly operations. Students will work in teams to design manufacturing work cells and table top factory simulations.

*Prerequisite: Design and Drawing for Production*

1 Unit of Credit (HS)/4 Units (RIT)

## **CAREER ACADEMY PROGRAM**

The purpose of Career Academy is to improve the school experience through an intimate, personalized classroom setting for those students who have struggled in a traditional setting. Career Academy is designed to promote social and emotional health while improving literacy and learning skills through individualized instruction. The program is centered on student interest in order to ensure academic success, student connectedness, and supporting student involvement in the school community and curriculum. Students taking Career Academy will be enrolled in 9<sup>th</sup> grade Algebra 1A, English, Applied Science, and Global Studies classes which will consist of 10-15 Academy students. Student's other courses (foreign language, PE, electives) will be taken in the general student environment during the remainder of the day. For each course completed and passed (65+ average), the student will receive 1 credit towards graduation.

## UNION-ENDICOTT HIGH SCHOOL POSSIBLE 9<sup>TH</sup> GRADE SCHEDULE

<b>Period</b>	<b>Subject</b>	<b>Days (All/Odd/Even)</b>
<b>1</b>	<b>English 9</b>	<b>All</b>
<b>2</b>	<b>Global History 9</b>	<b>All</b>
<b>3</b>	<b>Music/Art Required Course</b>	<b>All</b>
<b>4</b>	<b>Lunch (on-campus for all 9<sup>th</sup> grade students all year)</b>	<b>All</b>
<b>5</b>	<b>Applied Science* Earth Science* Biology*</b>	<b>All</b>
<b>6</b>	<b>Science Lab/ Physical Education</b>	<b>1,3,5/2,4,6</b>
<b>7</b>	<b>Spanish 2 French 2 Italian 2</b>	<b>All</b>
<b>8</b>	<b>Algebra 1A Algebra 1* Geometry</b>	<b>All</b>
<b>9</b>	<b>Algebra 1 Lab/ Study Hall/ AIS</b>	<b>All/1,3,5/2,4,6</b>

**\*All high school Science courses have a separate Lab period tied to the class every other day. Two high school Math courses have a separate Lab period tied to the class ~ Algebra 1 and Algebra 1B (10<sup>th</sup> grade course).**

UNION-ENDICOTT CENTRAL SCHOOL DISTRICT  
 Jennie F. Snapp Middle School Guidance Office  
 UEHS Class of 2022  
 2017-2018 8<sup>th</sup> Grade Students

Name \_\_\_\_\_ Homeroom \_\_\_\_\_  
 Last First

**PLEASE CIRCLE ONE CHOICE FOR EACH CLASS**

<b>ENGLISH 9</b> - Required of all 9 <sup>th</sup> graders				
<b>GLOBAL HISTORY 9</b> - Required of all 9 <sup>th</sup> graders				
<b>SCIENCE</b>	Applied Science	Earth Science		
<b>MATH</b>	Algebra 1A	Integrated Algebra/ Integrated Algebra Lab	Geometry (Accelerated only)	
<b>LANGUAGE</b>	French 2	Italian 2	Spanish 2	Level 1 (specify language)
<b>MUSIC/ART</b> (Choose 2)	2 <sup>nd</sup> choice			
<b>PHYSICAL EDUCATION</b> - Required of all 9 <sup>th</sup> graders				

**9<sup>th</sup> grade AIS Lab(s) may be included on a student's schedule based on his/her 8<sup>th</sup> grade NYS Assessment results.**

**COURSES FULFILLING MUSIC/ART REQUIREMENT:**

1. Design & Drawing for Production (DDP)  
(Pre-Engineering Sequence)
2. Studio in Art
3. Music, Art, & Computers (MAC)
4. Orchestra
5. Chorus
6. Band

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Student Signature

# NOTES

