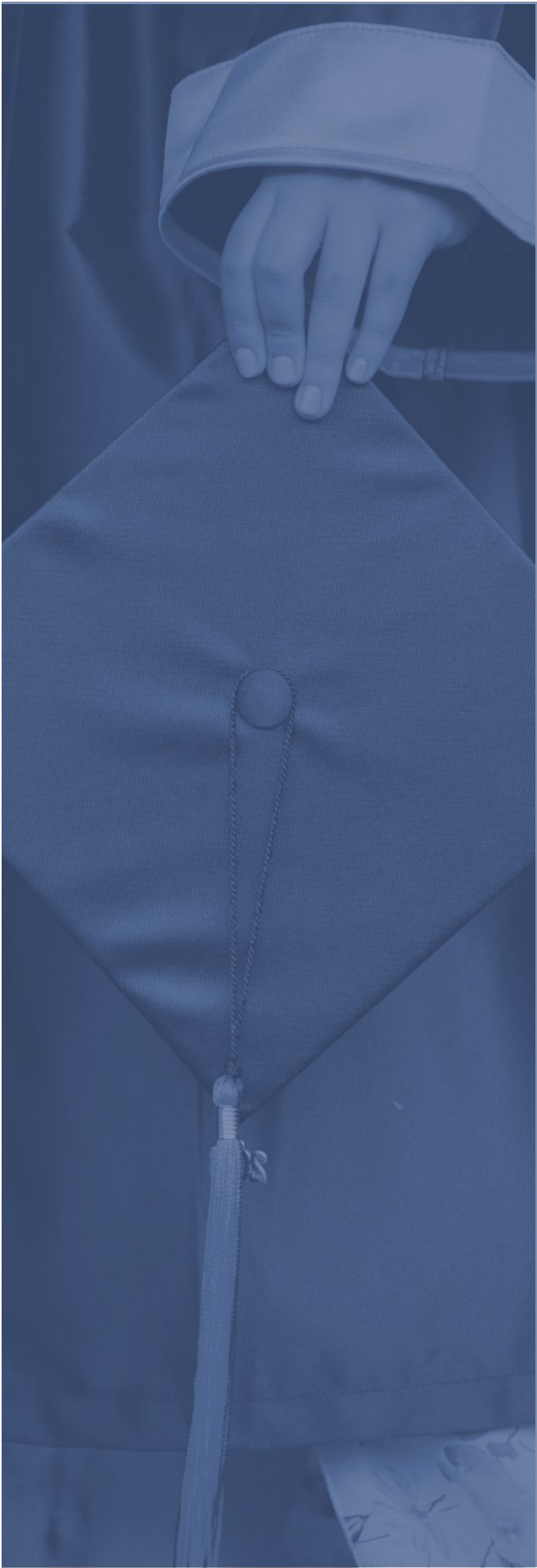




**HIGH SCHOOL COURSE CATALOG  
SPECIAL EDUCATION  
2024-2025**



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# New York State Diploma Requirements Applicable to All Students Enrolled in Grades 9-12

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## Credit Requirements

(Apply to all diploma types: local, Regents, Regents with advanced designation)

	Minimum number of credits
English	4
Social Studies <i>Distributed as follows:</i> <i>U.S. History (1)</i> <i>Global History and Geography (2)</i> <i>Participation in Government (½)</i> <i>Economics (½)</i>	4
Science <i>Distributed as follows:</i> <i>Life Science (1)</i> <i>Physical Science (1)</i> <i>Life Science or Physical Science (1)</i>	3
Mathematics	3
World Languages	1 <sup>(**)</sup>
Visual Art, Music, Dance, and/or Theater	1
Physical Education <i>(participation each semester)</i>	2
Health	½
Electives	3 ½
<b>Total</b>	<b>22</b>

<sup>(\*\*)</sup>Students with a disability may be excused from the requirement for 1 unit of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate.

- Pathways**  
A student must either:
  - earn the [Seal of Civic Readiness](#); or
  - pass an additional Regents Exam or Department Approved Alternative in a different course (English, mathematics, science, or social studies); or
  - pass a Department Approved Pathway Assessment (Arts, CDOS, World Languages); or
  - successfully complete a NYSED-approved CTE program, including the associated 3-part technical assessment; or
  - successfully complete all the [requirements for earning the CDOS Commencement Credential](#).
 Beginning in fall 2022, a select number of NYS schools will pilot the [Individual Arts Assessment Pathway \(IAAP\)](#). Reference [Multiple Pathways](#) and [Department Approved Alternative Examinations](#).
- Traditional Appeals**  
All appeals are subject to local district approval. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)
- Special Endorsements**  
**Honors:** A student earns a computed average of at least 90 on the Regents Exams applicable to either a Regents diploma or a Regents diploma with advanced designation. No more than 2 Department approved alternatives can be substituted for Regents Exams. The locally developed Checkpoint B examination in World Languages is not included in the calculation.  
**Mastery in Math and/or Science:** A student meets all the requirements for a Regents diploma with advanced designation AND earns a score of 85 or better on 3 math Regents Exams and/or 3 science Regents Exams.  
**Technical Endorsement:** A student meets the requirements for either a local diploma, a Regents diploma or a Regents diploma with advanced designation AND successfully completes a Department approved CTE program including the 3-part technical assessment.  
**Seal of Biliteracy:** A student meets the criteria for earning the [NYS Seal of Biliteracy](#).  
**Seal of Civic Readiness:** A student meets the criteria for earning the [NYS Seal of Civic Readiness](#).  
 Reference the [Endorsements and Seals webpage](#) or [NYS Diploma/Credential Requirements](#) for additional information related to awarding special endorsements to students with exam exemptions due to COVID-19.
- World Languages Exemption**  
Students with a disability may be excused from the required units of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate. Such student who seeks a Regents diploma with advanced designation does NOT have to complete the 5-unit sequence in the Arts or CTE in lieu of the sequence in World Languages in order to meet the assessment requirements for the advanced diploma.
- Superintendent Determination of a Local Diploma**  
Students with a disability who are unable to attain a local diploma through the various safety net provisions may be eligible for a Superintendent Determination of a local diploma under certain conditions. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)
- Flexibilities due to the COVID-19 Public Health Emergency**  
**Exemptions:** Students granted an exemption from any exam due to COVID-19 are not required to pass such specific exam to meet the assessment requirements for any diploma type. Reference the following FAQs: [June/August 2020](#), [January 2021](#), [June/August 2021](#), and [January 2022](#)  
**Special Appeals:** Eligible students may use lower scores (50-64) on Regents Exams taken during the 2021-22 or 2022-23 school year to meet the assessment requirements for any diploma type. Reference: [Special Appeals Memo](#) and [FAQ](#).  
**Special Determination:** Students who are scheduled to graduate in **June 2022** and either do not qualify for a Special Appeal who are unable to participate in one or more required Regents Exam(s) because of illness, including isolation restrictions due to COVID, may request a [Special Determination to Graduate with a Local Diploma in June 2022](#).
- Exemptions from the Regents Exam in US History and Government (Framework)**  
Eligible students shall be granted an exemption from the June 2022, August 2022, or January 2023 Regents Exam in US History and Government (Framework). Reference: [FAQ on Cancellation of Regents Exam in US History and Government \(Framework\)](#)

Updated June 2022

## Assessment Requirements

	Regents Diploma for All Students		Regents Diploma via Appeal for All Students		Local Diploma via Appeal for All Students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
REGENTS EXAM or passing score on a Department approved alternative	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score
English Language Arts (ELA)	1	65 <sup>1</sup>	1	1 Regents exam with a score of 60-64 for which an appeal has been granted by the district and all remaining Regents exams with a score of 65 <sup>1</sup> or above	1	2 Regents exams with a score of 60-64 for which appeals have been granted by the district and all remaining Regents exams with a score of 65 <sup>1</sup> or above	1	55 <sup>**</sup>	1	Either the ELA Regents exam with a score of 55-59 for which an appeal has been granted by the district, and all remaining Regents exams with a score of 65 <sup>1</sup> or above, <u>OR</u> 1 Regents exam with a score of 60-64 and the ELA Regents with a score of 55-59 for which appeals have been granted for both by the district, and the remaining Regents exams with a score of 65 <sup>1</sup> or above <sup>1</sup>
Math	1	65 <sup>1</sup>	1		1		1	55 <sup>**</sup>	1	
Science	1	65 <sup>1</sup>	1		1		1	55 <sup>**</sup>	1	
Social Studies	1	65 <sup>1</sup>	1		1		1	55 <sup>**</sup>	1	
Pathway <i>(See note 1 on reverse side)</i>	1 or CDOS	65 <sup>1</sup> if Regents Exam	1 or CDOS		1 or CDOS		1 or CDOS	55 <sup>**</sup> if Regents Exam	1 or CDOS	
Compensatory Safety Net	<i>Non-Applicable</i>		<i>Non-Applicable</i>		<i>Non-Applicable</i>		Scores of 45-54 on any required Regents exam (except ELA and Mathematics) can be compensated by a score of 65 <sup>1</sup> or above on another required Regents exam including ELA and Mathematics.		<i>Non-Applicable</i>	

## Regents Diploma with Advanced Designation

- Students seeking the Regents diploma with advanced designation must:
- Meet the credit and assessment requirements for a Regents diploma; and
  - Pass **two additional** Regents exams or Department approved alternatives in **mathematics**; and
  - Pass **one additional** Regents exam or Department approved alternative in **science**
    - students seeking advanced designation must pass at least one Regents exam or Department approved alternative in both sciences (**one life and one physical**); and
  - Complete a **sequence**:
    - earn an additional 2 units of credit in World Languages and pass a locally developed Checkpoint B World Languages examination, or
    - complete a 5 unit sequence in the Arts, or
    - complete a 5 unit sequence in CTE.

## Assessment Combinations for Advanced Designation

Traditional Combination	ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science (1 life science, 1 physical science) = 8 assessments
Pathway Combination (other than STEM)	ELA, 1 social studies, 3 math, 2 science (1 life science, 1 physical science), 1 Pathway (other than science or math) = 7 (+Pathway) or 8 assessments.
STEM (Mathematics) Pathway Combination	ELA, 1 social studies, 4 math <sup>1</sup> , 2 science (1 life science, 1 physical science) = 8 assessments.
STEM (Science) Pathway Combination	ELA, 1 social studies, 3 math, 3 science (at least 1 life science, at least 1 physical science) = 8 assessments.

<sup>\*</sup> A student with a disability may appeal scores between 52 and 54 on up to two Regents examinations in any discipline and graduate with the local diploma. Reference [New York State Diploma/Credential Requirements: Local diploma for Students with Disabilities](#).

<sup>^</sup> In the event a student with a disability is unable to attain a passing score on any Regents examination, the student may be eligible for a Superintendent Determination of a local diploma. Reference [Appeals, Safety Nets, and Superintendent Determination](#).

<sup>1</sup> English Language Learners seeking an appeal for a score of 55-59 on the ELA Regents Exam are only eligible if they entered the United States in grade 9 or after and were classified as an English Language Learner when they took the test the second time. Reference [New York State Diploma/Credential Requirements: Local diploma for English Language Learners](#).

<sup>2</sup> The 4<sup>th</sup> mathematics examination can be selected from the list of [Department Approved Alternative Examinations](#).

<sup>3</sup> For the purposes of determining a student's diploma type, exemptions and Special Appeals should be considered passing scores. Both exemptions and [Special Appeals](#) may be applied to all diploma types.

# PATHWAYS TO GRADUATION

For more information regarding pathways to graduation, please see the links below:

## Multiple Pathways:

<http://www.nysed.gov/curriculum-instruction/multiple-pathways>

## CDOS Credential and Skills & Achievement Credential:

<http://www.nysed.gov/curriculum-instruction/exiting-credentials>

## Appeals, Safety Nets, & Superintendent Determination:

<http://www.nysed.gov/curriculum-instruction/appeals-safety-nets-and-superintendent-determination>



New York State  
EDUCATION DEPARTMENT

Knowledge > Skill > Opportunity

# OCM BOCES Seal of Civic Readiness

## What is the Seal of Civic Readiness?

The Seal of Civic Readiness is a formal recognition that a student has attained a high level of proficiency in terms of civic knowledge, civic skills, civic mindset, and civic experiences. The Seal of Civic Readiness distinction on a high school transcript and diploma:

- shows the student's understanding of a commitment to participatory government; civic responsibility and civic values;
- demonstrates to universities, colleges, and future employers that the student has completed an action project in civics or social justice; and
- recognizes the value of civic engagement and scholarship.

## What is OCM BOCES' Mission for Civic Readiness?

OCM BOCES Student Services is committed to fostering civic readiness in all our Grades 8-12 programs. We believe that civic readiness equips students with the knowledge, skills, and experiences to be informed, engaged, and responsible citizens who contribute positively to their communities, the public good, and a globally interconnected world.

## Why Civic Readiness?

We embrace civic readiness because it empowers students to:

- **Make a Difference:** Identify and address problems in their communities, taking action for the public good.
- **Become Active Participants:** Develop a sense of civic responsibility and participate authentically in society.
- **Think Critically:** Utilize interdisciplinary thinking, analyze information, and thoughtfully debate diverse perspectives.
- **Become Globally Aware:** Understand their connection to larger issues and contribute as empowered members of an interdependent world.
- **Prepare for the Future:** Develop the skills and knowledge valued by colleges and employers, becoming productive and contributing citizens.

## How We Implement:

- **Curriculum Integration:** Embedding civic readiness principles across multiple classes.
- **Real-World Application:** Providing ongoing service-learning opportunities that address national and local issues.
- **Authentic Engagement:** Involving students in meaningful experiences that serve their communities and the public good.

Criteria for Demonstrating Proficiency in Civic Knowledge Must Earn At Least 2 Points From This Side		Criteria for Demonstrating Civic Participation Must Earn At Least 2 Points From This Side	
<u>Four Social Studies courses</u> required for graduation: Global I, Global II, US History & PIG/ECON.	1	<u>Civic Skills, Actions, and Mindsets</u> Complete a <b>Civic Policy Project</b> and submit required artifacts/documentation in either PIG, ECON or BOTH	1.5*
<u>Social Studies Regents Exams</u> Mastery level (85+) on Social Studies Regents Exam	1.5*	<u>Civic Experiences Area I</u> Complete <b>25 hours of service learning as offered in Common Elective Courses</b> and submit required documentation	1*
<u>Social Studies Regents Exams</u> Proficiency Level (65+) on Social Studies Regents Exam**	1*	<u>Civic Experiences Area II</u> Complete a civic project offered in <b>Environmental Science and Law &amp; Justice</b> and submit required artifacts/documentation	.50*
<u>Research Project</u> Demonstrate civic knowledge by completing <ul style="list-style-type: none"> <li>Complete the <b>Civic Issue Research Project in English 12</b> and submit required artifacts/documentation</li> </ul>	1	<u>Civic Experiences Area III</u> Participate in an <b>extracurricular program or work-based</b> learning experience and submit required documentation.	.50*
*can be earned multiple times **apply safety net if eligible		<u>Middle School Capstone Project</u> Engage in the <b>Grade 8 Civic Capstone Project</b> and submit required artifacts/documentation	1*

**OCM BOCES Seal of Civic Readiness Framework**

Students must earn six points total to earn the Seal.

Graduation Planning Guide				
PROGRAM:		STUDENT:		
DOB:		DISTRICT:		
<b>English Language Arts – 4 Required Credits</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Math – 3 Required Credits</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Science – 3 Required Credits</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Social Studies – 4 Required Credits</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Electives – 3.5 Required Credits (4.5 if Language Exempt)</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Physical Education - 2 Required Credits</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Fine Arts – 1 Required Credit</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Foreign Language - 1 Required Credit (unless language exempt)</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Health – 1/2 Required Credit</b>	<b>School Year</b>	<b>Final Average</b>	<b>Regents Exam</b>	<b>Credit</b>
<b>Alternate Program</b>	<b>Focus</b>	<b>School Year</b>	<b>Final Average</b>	<b>Credit</b>
<b>22 Required Credits</b>			<b>Total Credits</b>	<b>0</b>

# ENGLISH LANGUAGE ARTS

## ENGLISH 9

1009

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

English 9 develops the foundation for reading, writing, speaking and listening, and language skills of students to prepare them with a complex set of literacy skills and competencies necessary for the 21st century. Students read a balance of informational and literary text and develop deeper understanding through the analysis of central ideas and themes in literary text and through the identification of author's argument with supporting evidence in informational text. Quick Writes, text-dependent questions, and argument writing, with citing of supporting evidence, is a focus.

## ENGLISH 10

1010

Duration: 40 Weeks  
Credits: 1

Prerequisite: English 9

English 10 builds on the skills developed in English 9 for reading, writing, speaking and listening, and language to prepare them with a complex set of literacy skills and competencies necessary for the 21st century. An emphasis on informational text reading and writing is used in order to develop literacy skills that will support students in their content area subjects. The continued practice of identifying the author's argument with supporting evidence in informational text supports students' growth in that area. Students also read a diverse selection of literary text to develop deeper understanding through the analysis of central ideas and themes.

## ENGLISH 11\*

1011

Duration: 40 Weeks  
Credits: 1

Prerequisite: English 10  
\* REGENTS EXAM

English 11 students work on their critical reading and understanding of literary and informational texts, their compositional skills focused on persuasive, evidence-based essay writing, and their speaking and listening skills. Students will also be familiarized with the structure and content of the English Regents and develop their test-taking skills. Within the units of study, students develop skills in text analysis, developing a thesis with a support essay, creative writing, analyzing and writing argument essays, and speculative fiction.

## ENGLISH 12

1012

Duration: 40 Weeks  
Credits: 1

Prerequisite: English 11

English 12 students will be introduced to the conventions of academic writing and critical thinking. The course will focus on persuasive academic essay forms and develop research skills and informational literacy necessary for college success. Models of scholarly writing will be provided for analysis and discussion, and a variety of rhetorical modes will be investigated. Students will develop familiarity with basic academic forms of rhetoric, effective writing process, critical thinking skills, information literacy, and understanding of proper documentation and academic ethics.



# ENGLISH LANGUAGE ARTS

## CHILDREN'S LITERATURE

1450

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course is a celebration of children's literature, exploring its power to entertain, educate, and inspire young minds. Students will journey through a variety of genres, from classic tales to contemporary favorites. Interactive discussions, hands-on projects, and creative writing, will help students to gain personal satisfaction and enjoyment while thinking analytically about literary quality and enduring value.

## CREATIVE WRITING

1450

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course offers students a learning community where they will investigate and develop their own unique voice and style of writing. A variety of genres of writing will be studied such as contemporary poetry, short stories, memoirs, scripts, graphic novels, and more. Through daily writing exercises, collaborative writing projects, and critical analysis of professional works, students will grow as creative writers.

## FILM AS LITERATURE

1242

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course explores the complex interplay between film and literature. Selected novels, short stories and plays are analyzed in relation to film versions of the same works in order to gain an understanding of the possibilities, and problems, involved in the transposition to film. Students will move from being a passive viewer to a critical thinker as they analyze films through various lenses.

## LANGUAGE & LITERACY SEMINAR 1

1091

Duration: 40 Weeks (Grade 9)

Prerequisite: None

Credits: 1

Language and Literature Seminar is designed to foster independent reading skills as well as improve writing skills. This Seminar will include opportunities for explicit instruction based on student ability and the Science of Reading. Frequent informal assessments will be used to determine which word attack skills students require so they can successfully read and connect to their 9th grade curriculum/content.

Who should take this course? Students who are below grade level in the following areas:

- Listening Comprehension
- Word Recognition Skills
- Reading Comprehension

# ENGLISH LANGUAGE ARTS

## LANGUAGE & LITERACY SEMINAR 2

1092

Duration: 40 Weeks (Grade 10)

Prerequisite: Language & Literacy Seminar 1

Credits: 1

Language and Literature Seminar is designed to foster independent reading skills as well as improve writing skills. This Seminar will include opportunities for explicit instruction based on student ability and the Science of Reading. Frequent informal assessments will be used to determine which word attack skills students require so they can successfully read and connect to their 10th grade curriculum/content.

Who should take this course? Students who are below grade level in the following areas:

- Listening Comprehension
- Word Recognition Skills
- Reading Comprehension

## MYSTERY & SUSPENSE

1243

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course provides opportunities for students to unleash their detective skills through the study of mystery and suspense literature, which include short stories, novels, and film. By dissecting clues, questioning motives, and analyzing literary techniques, students will become a master of deduction. They will explore diverse stories, uncover hidden messages, expand vocabulary, and foster a love of reading as they navigate thrilling plots and unravel the mysteries within.

## MYTHOLOGY

1246

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course explores the significance of mythology in various cultures, examining how these stories reflect beliefs, values, and artistic expression. Through captivating tales from Greek, Roman, Norse, and Native American traditions, students will delve into creation myths, pantheons of gods, heroes and heroines, and the enduring themes that continue to inspire contemporary literature, film, and pop culture.

# GENERAL ELECTIVES

## CULTURAL FOODS

9014

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course provides students with the opportunity to embark on a delicious world tour where they will explore the connection between geography, climate, and cuisine. Students will travel the globe by preparing and sampling iconic dishes from diverse countries and learning about the unique geography, climate, and eating habits of each region. Food preparation techniques will be demonstrated and practiced as students recreate these global delights.

## FOUNDATIONS FOR COLLEGE & CAREER SUCCESS

9216

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This half-year course equips students with a roadmap to explore a variety of career options, delve into college readiness, and discover alternative pathways to success. Learning experiences include learning about self, exploring careers, preparing for employment and/or post-secondary education, developing essential transferable skills, and living independently and responsibly. Additionally, students will engage in service learning as a means to address a real-world need in the community while fostering personal responsibility, self-awareness, and a growth mindset. This course empowers students to answer the question "What's next?" with confidence and clarity.

## FOOD FOR HEALTH & WELLNESS

9154

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

Students interested in feeling good and looking great for a lifetime will find this course interesting. In Food for Health and Wellness, students will relate the concepts of nutrition, diet, wellness, and exercise to good health. The content of this course will examine the role of nutrients in the body, wellness, diet related conditions, special diets, diet analysis, nutrition for athletes, exercise, the effect of food preparation techniques on diet, and careers in the field of nutrition.

## PSYCHOLOGY

4030

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

The goal of psychology is to understand the human mind, human behavior, and perhaps even more importantly, to understand the interaction between the mind and behavior. This half-year course will explore fascinating psychological topics such as learning, memory, personality, attitude and social influence, life span, human relations, motivation, emotions, and even abnormal psychology. Through interactive activities, discussions, and self-reflection, students gain a deeper understanding of self and others.

# GENERAL ELECTIVES

## SENIOR SEMINAR

9217

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

Senior Seminar equips students with the essential skills to navigate life's challenges. Using research-based "Habits of Mind" and "School-Connect" (SEL) practices, to help students develop the skills they need to lead happy, successful, and independent lives as they shift into adulthood regardless of lifestyle choice and living arrangements. In addition, students will engage in service-learning projects to discover their civic voice and graduate ready to make a positive impact in the world.

## CURRENT WORLD ISSUES

4062

Duration: 20 Weeks  
Credits: 0.5

Prerequisite: None

Through a dynamic, student-driven approach, students will explore pressing global, national, state, and local issues. Learning experiences will emphasize the development of critical thinking skills, informed advocacy, and a problem-solving approach to current events. Students' interests and relevant news play a major role in determining the events and issues investigated throughout the course. A culminating service-learning project will challenge students to address a real-world issue, fostering their ability to advocate for a cause and develop a well-informed stance.

## TOOLS FOR CHANGE

9217

Duration: 20 Weeks  
Credits: 0.5

Prerequisite: None

This dynamic is about empowering oneself to make a difference. Students will combine social-emotional learning (SEL) with real-world service-learning projects to equip them with the skills they need to thrive in all areas of life. Through interactive activities, self-reflection exercises, and hands-on experiences, students will learn and practice powerful tools for managing emotions, building healthy relationships, and achieving academic goals. Ideally, students will become a confident advocate for oneself, a supportive friend, and a resilient learner ready to tackle any challenge and make a lasting impact on their community.

## TOOLS FOR SUCCESS

9218

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

This course empowers students to become confident, well-rounded individuals prepared to tackle challenges and contribute meaningfully to their communities. Throughout the year, students will explore and apply essential life skills through a combination of independent and collaborative projects, service learning opportunities, and self-reflection. Skills like self-awareness, self-management, growth mindset, self-efficacy,

and social awareness will be examined and practiced within the classroom, the greater school community, and even beyond, ensuring students are equipped to thrive both personally and academically.

# FINE ARTS

## DRAWING & PAINTING

7040

Duration: 40 Weeks

Prerequisite: None

Credits: 0.5

This course focuses on developing skills in drawing and painting while exploring color theory. Students will utilize a variety of mediums and learn new techniques.

## ILLUSTRATION

7050

Duration: 40 Weeks

Prerequisite: Studio Art

Credits: 0.5

Students will develop visual story telling skills, which are vital to all aspects of illustration. In this class, students will use a variety of both traditional and digital media to tackle projects such as character design, comic design, book cover art, gaming art, and more.

## MEDIA ARTS 1

7021

Duration: 40 Weeks

Prerequisite: None

Credits: 0.5

Media Arts is an introductory course designed to give students an understanding of the nature of art, the elements and principles of design and art trends through the use of traditional, digital and video photography.

## CERAMICS

7042T

Duration: 40 Weeks

Prerequisite: None

Credits: 0.5

This course will be an art class focused on working with clay. Students will be given the chance to expand their prior knowledge and skills with clay. Students will work with clay using their hands, clay tools, and clay wheels. Students will work on projects from the curriculum, as well as choice-based work.

## MUSIC APPRECIATION

7512

Duration: 40 Weeks

Prerequisite: None

Credits: 0.5

This course is designed to help students develop their understanding of music as a language of human expression. The melodic, rhythmic, harmonic form, and historical significance of selected pieces are examined. Students are introduced to a wide variety of music from primitive to modern times and develop the skill to recognize patterns, forms, and styles found in music.

# FINE ARTS

## MUSIC IN OUR LIVES

7511

Duration: 40 Weeks  
Credits: 0.5

Prerequisite: None

Music in Our Lives introduced students to the history, theory, and genres of music. It will provide practical knowledge in the functions of music. Students will learn how to listen intelligently to music and understand musical idioms.

## STUDIO ART 1

7031

Duration: 40 Weeks  
Credits: 0.5

Prerequisite: None

This beginning art class is an introduction to the fundamentals of visual expression. It is designed to explore many different areas of art, including design, drawing, painting, perspective, collage, printmaking and sculpture, to help students develop their artistic skills.

## STUDIO ART 2

7032

Duration: 40 Weeks  
Credits: 0.5

Prerequisite: Studio Art 1

This course is designed to expand upon and refine the skills learned in Studio in Art 1. The focus will be on training the eye and hand to see and render more accurately and with more subtlety. Drawing and painting media will be explored in greater depth, and students will begin to explore avenues of individual interest.

## FOREIGN LANGUAGE

### SPANISH 1

6101

Duration: 40 Weeks

Prerequisite: None

Credits: 1

In this course, students will begin to develop the basic communication skills of listening, speaking, reading and writing in Spanish.

Students are required to complete a 1 credit Foreign Language course to meet graduation requirements, unless they are language exempt, as per their IEP.

## HEALTH & PHYSICAL EDUCATION

### HEALTH

8500

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course gives students the necessary knowledge, skills and motivation to promote and protect their individual health. Students examine issues related to drugs, smoking, alcohol, fitness, weight control, mental health, sexually transmitted diseases, problem solving, communication and decision-making.

### PHYSICAL EDUCATION

8016

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course gives students the necessary knowledge, skills and motivation to promote and protect their individual health. Students examine issues related to drugs, smoking, alcohol, fitness, weight control, mental health, sexually transmitted diseases, problem solving, communication and decision-making.



# MATHEMATICS

## ALGEBRA 1 COMMON CORE\*

2055

Duration: 40 Weeks  
Credits: 1

Prerequisite: None  
\* REGENTS EXAM

Algebra provides tools and ways of thinking that are necessary for solving problems in a wide variety of disciplines, such as science, business, social sciences, fine arts, and technology. Course topics include: Relationships between quantities and Reasoning with Equations, Linear and Exponential Relationships, Descriptive Statistics, Expressions and Equations, and Quadratic Functions and Modeling. This course will assist students in developing skills, techniques, and processes to successfully solve problems in various settings. Algebra 1CC prepares students for the NYS Algebra 1 Regents.

## ALGEBRA 2/TRIGONOMETRY\*

2080

Duration: 40 Weeks  
Credits: 1

Prerequisite: Algebra 1  
\* REGENTS EXAM

Algebra 2 prepares students for the NYS Algebra 2 Regents. The major topics include an extended study of algebra, trigonometry with applications, the complex number system, probability, and statistics.

## GEOMETRY\*

2070

Duration: 40 Weeks  
Credits: 1

Prerequisite: Algebra 1  
\* REGENTS EXAM

This course is meant to employ an integrated approach to the study of geometric relationships. Congruence and similarity of triangles will be established using appropriate theorems. Transformations including rotations, reflections, translations, and glide reflections and coordinate geometry will be used to establish and verify geometric relationships.

## PERSONAL FINANCE

6810

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

This course equips students with the knowledge and skills to manage finances effectively, make informed financial decisions, and build a secure, prosperous future. Students will apply basic math operations, algebraic thinking, and financial math computations while studying banking options, saving strategies, and responsible credit use; investment options and strategies to be an informed, savvy consumer.

# MATHEMATICS

## FUNDAMENTAL STATISTICS

2085

Duration: 20 Weeks

Prerequisite: None

Credits: 1

This course introduces students to the fundamental concepts, such as standard deviation, central tendency, percentiles, quartiles, regressions, correlation and causation used in everyday statistical information. Students will learn how to collect, organize, and represent data, as well as critically evaluate as informed consumers of data.

## THE MATH OF GAMES

2251

Duration: 20 Weeks

Prerequisite: None

Credits: 0.5

This course takes passion for games and transforms it into a fun-filled adventure of mathematical discovery. Students will explore powerful concepts like probability, statistics, optimization, pattern recognition, and strategic decision-making – all through playing a variety of card, board, sports, and video games. They will delve into exciting areas like rates of change and exponential growth, giving them a deeper understanding of how math applies to the real world, beyond just games.

# SCIENCE

## LIVING SCIENCE: BIOLOGY\*

3120

Duration: 40 Weeks  
Credits: 1

Prerequisite: None  
\* REGENTS EXAM

This course fulfills the science Regents diploma requirement as students explore the world of living things – from their intricate structures and functions to the amazing diversity of life and its interactions with the environment. Argument driven inquiries are used to delve into core biological themes like evolution, reproduction, growth, development, genetics, and molecular biology, organization of life at all scales, and the delicate balance that sustains ecosystems.

Lab Period: This one-year Regents course includes 1200 minutes of mandatory NYS Science Investigations and lab work, which will prepare students for the Regents exam, but more importantly, will ignite students' curiosity about the fascinating world of living things.

## EARTH & SPACE SCIENCE\*

3121

Duration: 40 Weeks  
Credits: 1

Prerequisite: None  
\* REGENTS EXAM

This full year Regents course will ignite students' curiosity about our planet, its dynamic systems, and our place in the vast universe. They will explore Earth's geological history, weather patterns and climate change, and critically examine the impact of human activity on the environment. Through science inquiry, discussions, and labs, students will gain the knowledge and skills to become a responsible steward of our planet and a future innovator in sustainability practices. All students in this course must satisfactorily complete the laboratory requirement of 1200 minutes including the three required NYS investigations prior to the Regents examination.

Lab Period: This one-year Regents course includes 1200 minutes of mandatory NYS Science Investigations and lab work, which will prepare students for the Regents exam.

## ENVIRONMENTAL SCIENCE

3032

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

Environmental Science is designed to educate students about local, national, and global environmental issues that pose a threat to life on earth, including climate change, human population growth, natural resource depletion, food and water scarcity, energy, pollution, and sustainability. An embedded Civic Project provides the opportunity for students to investigate an issue and propose a solution using a variety of lenses: ecological, social, economic, ethical, and governmental policy positions. Upon completion of this civic project, students will earn .50 points toward the Seal of Civic Readiness. This course will equip students with the knowledge, skills, and perspectives needed to understand and address complex environmental challenges in a holistic and informed manner.

# SCIENCE

## FORENSIC SCIENCE

3051

Duration: 40 Weeks

Prerequisite: None

Credits: 1

Forensic Science is an introductory course where students will study DNA, blood analysis, fingerprinting, hairs, fibers, glass, and chemical analysis using a variety of lenses: geological, physical, and chemical. Students will be asked to read, research, hypothesize, compute, and use deductive reasoning to propose scientific solutions to forensic simulations.

## STEM IN ACTION

3110

Duration: 20 Weeks

Prerequisite: None

Credits: 1

STEM in Action is a hands-on exploration of how Science, Technology, Engineering, and Math work together to solve real-world problems. Through interactive projects and activities, students learn problem-solving techniques, discover how STEM fields connect, and see how they impact everyday life.

## STEM SPORTS

3111

Duration: 20 Weeks

Prerequisite: None

Credits: 1

STEM Sports takes students on a high-energy exploration of how math, physics, engineering, and technology come to life in popular sports like golf, baseball, bowling, and more. Through hands-on activities, students will analyze the physics of a perfect curveball, design the ultimate bowling ball, and explore the engineering marvels of race cars. This course is perfect for all students, regardless of athletic ability or science background.

# SOCIAL STUDIES

## GLOBAL HISTORY & GEOGRAPHY 1

5061

Duration: 40 Weeks  
Credits: 1

Prerequisite: None

This course, the first in a two-year sequence, follows a chronological format, emphasizing the development of man's political, economic, geographic and social institutions. European, African, Asian, and Latin American histories are studied through their cultural heritages, conflicting ideologies and ever-changing characters, from the formation of early civilization through the Age of Enlightenment.

## GLOBAL HISTORY & GEOGRAPHY 2\*

5062

Duration: 40 Weeks  
Credits: 1

Prerequisite: Global History & Geography 1  
\* REGENTS EXAM

This course, the first in a two-year sequence, follows a chronological format, emphasizing the development of man's political, economic, geographic and social institutions. European, African, Asian, and Latin American histories are studied through their cultural heritages, conflicting ideologies and ever-changing characters, from the formation of early civilization through the Age of Enlightenment.

## US HISTORY\*

4059

Duration: 40 Weeks  
Credits: 1

Prerequisite: None  
\* REGENTS EXAM

This course follows a chronological format with emphasis on the development of political, social, technological and economic institutions. Students will focus on United States history from the Colonial Era to the present.

## PARTICIPATION IN GOVERNMENT

4065

Duration: 20 Weeks  
Credits: 0.5

Prerequisite: None

The main focus of this course is the individual's role in a democratic society. Students will be expected to become actively involved in the political process as they practice the process of responsible decision making required of all citizens, explore contemporary state and local issues, survey voter behavior, review the workings of political parties, analyze the impact of public opinion, and assess the role of pressure groups.

## ECONOMICS

4025

Duration: 20 Weeks  
Credits: 0.5

Prerequisite: None

The central theme of this course is an understanding of the major characteristics of the United States' economy. Specific content areas include resource scarcity and choice, supply and demand, labor markets, inflation/unemployment, the business cycle, and the role of government through fiscal and monetary policies and international trade.

# SOCIAL STUDIES

## LAW & JUSTICE

4051

Duration: 40 Weeks

Prerequisite: None

Credits: 0.5

Law & Justice delves into the American legal system, from criminal justice and individual rights to navigating everyday legal situations as a consumer and citizen. Through mock trials, case studies, and guest speakers, students will gain a practical understanding of the courts, law enforcement, and how the legal system impacts the individual and society. This course empowers students to become a more informed and engaged citizen.

# CDOS & CTE

## CAREER DEVELOPMENT OCCUPATIONAL STUDIES (CDOS)

The Career Development Program is a half-day academic and experiential learning program for students in grades 9-12. This program is designed to introduce students to the world of work and assist them in satisfying the CDOS credential requirements, as well as help them earn high school credits. The curriculum is built around 21st century leadership skills, which include communication, collaboration, critical thinking and creativity. Students will learn about customer service and use these skills during work-based learning experiences.

Key concepts are emphasized in the program’s two subject areas: Retail and Foodservice Industry and Facilities and Grounds Maintenance. Applied Science, Consumer Mathematics, Health, Nutrition and Wellness and Career and Financial Management are also offered. Throughout the year, each career development student will have the opportunity to learn how to solve problems in everyday life and in their anticipated career.

The Career Development program is offered at our Thompson Road Campus (Syracuse).

## CAREER & TECHNICAL EDUCATION

Career & Technical Education (CTE) and New Vision classes at the Thompson Road (Syracuse) and Cortlandville (Cortland) education campuses are designed for students who are on a college track or planning an immediate entry into the workforce. Please watch our overview videos or browse our specific programs from our website. You can also download our CTE & New Vision Programs brochure.

Career & Technical Education Program		New Visions
Automotive Collision Technology	Health Occupations	Criminal Justice (Syracuse)
Automotive Technology	Heavy Equipment Repair, Operations, & Diesel Technology (Cortland)	Environmental Science (Cortland)
Computer Technology	Heavy Equipment Repair, Operations, & Diesel Technology (Syracuse)	Medical Professions (Cortland)
Construction Technology	Laboratory Technician (Syracuse)	Medical Professions (Syracuse)
Cosmetology	Media Marketing Communications (Syracuse)	
Culinary & Pastry Arts	Physical Therapy Professions (Cortland)	
Early Childhood Education	Physical Therapy Professions (Syracuse)	
Graphic Communications (Cortland)	Welding Technology	



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