

**Wayland-Cohocton
Central School**

**Course
Manual**

2010-2011

<http://www.wccsk12.org/sco>

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High School Graduation Requirements

Class of 2010 and after		
	Subject	Credits
	Art/Music	1
	English	4
	Health	.5
	Mathematics	3
	Science	3
	Physical Ed.	2
	Social Studies	4
	Sequences	*
	Electives	*
Local Graduation Requirements	Computer Applications	.5
	Speech	.5
	Total credits	23

*The credit amounts assigned in each of these areas are determined on an individual basis and are largely dependent on the type of diploma the student is pursuing, as well as individual interests.

- One unit of credit generally = 40 weeks of study
- A half unit of credit generally = 20 weeks of study
- A course that meets every other day for the entire year generally = .5 credit

Regents Diploma Requirements

Students must score a 65 or better on each of the required exams for the Regents and Advanced Regents Diplomas. A local diploma still requires that students complete required regents exams; however, students must score at least 55 on all, and 65 or better on most depending on the year that they entered high school. Students need to discuss these options further with their school counselor.

Advanced Regents Exams: Math A, Math B (Integrated Algebra, Geometry, and Algebra 2/Trigonometry—class of 2011 and thereafter), Global History & Geography, American History, at least two lab regents in science (one physical, one living environment), foreign language (level 3), and English Regents exams. Foreign language could be modified for some special education students. An occupational or art/music sequence may augment a foreign language sequence.

Regents Exams: Pass the foreign language proficiency test or earn a unit of credit for foreign language (some special education students may be exempt from this requirement). Math A (Integrated Algebra—class of 2011 and thereafter), a regents lab science, Global History & Geography, American History and English regents exams.

Local: Same requirements as Regents but 55+ minimum scores on Regents exams where year specific rules apply (see your counselor for details).

Drop Add Procedure

- No schedule changes may be made during the first two weeks that school is in session.
- Students may drop or add courses **during the third week of school**. Students may drop or add a second semester course during the **first week** of the second semester **or during first semester**.
- There are mandatory parent-teacher-student-counselor conferences for changes falling outside the specified drop-add times.

Students should be careful to make wise course requests and to contact the counselor prior to the end of July if any adjustments to the course requests are necessary.

The Freshman Academy

The mission of the WCCS Freshman Academy is to create a supportive environment in which all ninth grade students will successfully transition into the high school setting; will experience academic success; and, will be actively involved in the school community.

Academic Intervention Services (AIS)

AIS is provided in the four major content areas (English, social studies, math, and science) for students who have been determined to be at risk of not successfully completing graduation requirements. Students are selected for AIS courses through a variety of data: state and local test scores, achievement in content-area classes, teacher, parent, and/or SCO recommendations. Once identified as being at risk, the state AIS mandate requires that students remain in AIS until successful completion of the next state assessment. AIS is provided in several ways:

- **Active AIS services:** students attend an AIS class in the designated content area(s) 2-3 times per week for 40 weeks. With the approval of the AIS team, a student may be downgraded from Active AIS to Progress Monitor AIS if sufficient success has been proven.
- **Progress Monitor AIS:** students are not scheduled into an AIS class, but are monitored by the content area teacher and the AIS team. If necessary, students may be moved from Progress Monitor to active AIS at any time during the school year.
- **AIS Support Services:** students who are at risk due to behavior, family, attendance, or other factors will meet on an as-needed basis with a counselor at SCO.

Occupational Education

Occupational Education encompasses the *Business, Technology and Home and Career Departments*. All three departments focus on hands-on, project based activities and curriculum that is employment and skills based. Each department offers students the opportunity to complete three and five-unit sequences and offers alternative course work for meeting local and state graduation requirements.

Alternative Coursework for Graduation & State Requirements

In the Business Program:

- Accounting II may be used as the 3rd year Math requirement and as a Business elective.
- Math 3 may be used as a business elective.
- Business Law may be used as one unit towards a five-unit sequence in Social Studies.

In the Technology Program:

- IED/DDP meets the Fine Arts NYSED one credit graduation requirement

New York State Approved Occupational Education Sequencing Opportunities

Three Unit	Business	Technology	Home & Careers
Required Courses	.5 credit of Career Management	.5 credit of Career Management 1 Unit of <i>Foundations</i> Coursework 1.5 Unit of <i>Systems</i> Coursework	.5 credit of Career Management
Required Courses	2.5 credits	3 credits	2 .5 credits
Five Unit	Required + 2 credits	Required + 2 credits	

Foundations Coursework:

DDP
Electricity/Electronics
Materials Processing

Systems Coursework:

Construction Systems
Production Systems
Principles of Engineering
Transportation Systems
CADD

Art

Studio in Art

40 weeks

Grades 9-12

1 credit

This is an introductory art course that teaches the fundamentals of drawing and design while providing the opportunity to explore many different art media. There is a weekly drawing assignment for homework to increase drawing skills. Students will engage in various class projects that may include drawing, printing, ceramics and painting.

Note: Studio in Art is a prerequisite for all other art courses.

Ceramics 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

An exploratory course in clay where students will learn the four basic methods of hand building: pinch, coil, soft slab, and hard slab. Students will also be introduced to throwing on a potter's wheel. The student will gain an understanding of three-dimensional composition; construction, form, function and the ability to problem solve.

Ceramics Advanced (2-3)

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art, Ceramics 1 or 2

This course is designed for the serious art student who is interested in furthering his/her skills in ceramics. At the advanced level, students further explore and combine techniques using clay and glaze.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Computer Art 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

The focus on this course is on the basic technical skills needed to create digital artwork. Students will become acquainted with Adobe Photoshop & Adobe Illustrator software along with other tools used to create digital compositions.

Computer Art Advanced (2-3)

20 Weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art, Computer Art 1

This course is designed for the serious art student who is interested in furthering his/her skills in computer art. At the advanced level, students further explore various computer techniques.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Design and Layout 1

20 Weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

Students enrolled in Design & Layout will get *real* world experience designing for *actual* clients. This course will provide students the opportunity to develop and design commercial artwork such as logos, business cards, posters, flyers and t-shirts designs. Students will become acquainted with Adobe Illustrator & Adobe InDesign software along with other tools used to create commercial work.

Design and Layout Advanced (2-3)

20 Weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art and Design and Layout 1

This course is designed for the serious art student who is interested in furthering his/her skills in design and layout. At the advanced level, students further explore various design techniques.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Drawing 1

20 weeks

Grades 10 – 12

.5 credit

Prerequisite: Studio in Art

Using observation drawing as a foundation, students will be introduced to several drawing techniques and apply them to creative problem solving utilizing several media. Drawing from life enhances the ability to see and will be the main focus of this course.

Drawing Advanced (2-3)

20 weeks

Grades 10 – 12

.5 credit

Prerequisite: Studio in Art, Drawing 1 or 2

This course is designed for the serious art student who is interested in furthering his/her skills in drawing. At the advanced level, students further explore techniques using a variety of media.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Jewelry 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

The primary focus on this course is on design and skills needed to construct metal jewelry. Student will learn sawing, filing, piercing, soldering, and bending techniques. Students will also be exposed to various other materials used to make jewelry and the techniques associated with them. The student will gain an understanding of three-dimensional composition; construction, form, function and the ability to problem solve.

Jewelry Advanced (2-3)

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art, Jewelry 1

This course is designed for the serious art student who is interested in furthering his/her skills in jewelry. At the advanced level, students further explore and combine techniques using various media.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Painting 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

Students will explore various painting techniques by using still lifes, portrait, photographic references and intuitive skills as a foundation. In addition, students will develop an understanding of color theory, composition and a variety of styles.

Painting Advanced (2-3)

20 weeks

Grades 10 – 12

.5 credit

Prerequisite: Studio in Art, Painting 1 or 2

This course is designed for the serious art student who is interested in furthering his/her skills in painting. At the advanced level, students further explore techniques using color in a variety of media.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Photography 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

The focus on this course is on the basic technical skills needed to create and print a photograph as well as digital images. The student will work to develop his/her ability to develop skills taking, developing and printing a photograph. The student will gain an understanding of two-dimensional composition and the ability to problem solve.

The student will be required to have access to a 35 mm camera as well as a digital camera. Students are also required to buy their paper and film. A separate lab period may be required.

Photography Advanced (2-3)

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art, Photo 1

This course is designed for the serious art student who is interested in furthering his/her skills in Photography. At the advanced level, students further explore various photographic techniques.

The student will be required to have a 35 mm camera as well as a digital camera

Students are also required to buy their paper and film. A separate lab period may be required.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

Portfolio Prep (*New*)

20 weeks

Grades 11-12

.5 credit

Prerequisite: Studio Art, drawing and at least 1 other credit of art

Portfolio Prep is a course for highly motivated art students. Students develop their art portfolio that must include three distinct components: (1) quality, (2) a concentrated study and (3) breadth.

This course is highly recommended for any art student considering continuing on in the art field.

Sculpture 1

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art

The primary focus on this course is on design and skills needed to construct small sculptures. Student will learn appropriate techniques specific to the media/assignment. The student will gain an understanding of three-dimensional composition; construction, form, function and the ability to problem solve.

Sculpture Advanced (2-3)

20 weeks

Grades 10-12

.5 credit

Prerequisite: Studio in Art, Sculpture 1

This course is designed for the serious art student who is interested in furthering his/her skills in sculpture. At the advanced level, students further explore and combine techniques using various media.

This advanced course may be taken twice with the understanding that the student's work needs to reflect the advanced level of study.

BUSINESS

This year the Business Department has changed and upgraded courses to provide more opportunities for students. Our focus is to prepare students for the future while focusing on academic rigor and the use of technology. Our courses are for every student, whether entering the workforce or going on to college, our courses prepare students for success in the 21st century.

Courses to look at:

For

Seniors ONLY!

S.T.E.P.

Intro to Computers (CIS102) – College Credit - **New for this year!!!**

College Credit Courses:

Accounting (ACC 101)

Programming and Problem Solving (CIS125)

General Business

40 weeks

Grades 10-12

1 Credit

This classroom transforms into a “virtual business” that is owned and operated by its students! Each year this class participates in an international program that conducts business with other student run enterprises around the world. Students participate in a Professional Day and a Trade Fair at Genesee Community College. Students develop all components of the business, earn virtual money, make purchases in addition to selling and marketing the company products. This is a great experience for anyone who wants to own a business or for any student who is planning a business career.

Sports and Entertainment Marketing (Changed to 20 weeks!!!)

20 weeks

Grades 10-12

.5 credit

Have you ever wondered how major concerts and athletic events are promoted? How about the Super Bowl commercials or the newest athletic team? This course develops basic marketing skills using the sports and entertainment industries for application of the basics. Marketing takes an in-depth look at how products and services are designed, developed, strategically priced, promoted, and finally delivered to the customer.

Sports, Entertainment & Trial Law (Changed to 20 weeks; take after marketing!!!)

20 weeks

Recommended for Grades 10-12

.5 Credit

Recommended prerequisite: Sports and Entertainment Marketing

After learning the basic legal concepts, cases will be discussed using examples from the sports and entertainment industries. Everyday there are legalities in the news about sports teams and

athletes and entertainers and celebrities. Students will follow major cases currently in the news. In addition, students will participate in the New York State Mock Trial Competition. The class works with an attorney coach and competes in March. This is a great opportunity to have a practical experience see how what you are learning is applied in the real world.

Accounting (ACC 101) College Credit offered through GCC

40 Weeks

Grades 10-12

1 credit

***Every college Business major is required to take Acct. 101 their first year in college.* This course can be taken for 3 college credits through Genesee Community College and will satisfy the requirements for a 1st year Financial Accounting course.

Do you like working with numbers? Are you thinking of going to college for Business? Then this course may be for you. Through computer simulations, and practical experience, students will learn how different types of businesses apply Accounting concepts.

Computer Information Systems/CIS102 - College Credit offered through GCC

Introduction to Computers

20 weeks

12th Grade

.5 credit

Prerequisite: Computer Applications

Earn 3 credits at a reduced rate and get a head start towards college. This course is an introductory course offered through GCC. It includes the most recent developments in the computer industry, computer applications, the Internet, and the components of a computer system. Other units will be added as time allows; updated Web 2.0 tools; Google Docs, Wikis, podcasting, and advanced applications.

**Computer Information Systems/CIS125 - Computer Programming and Problem Solving
College Credit offered through GCC**

20 weeks

Grades 10-12

.5 credit

Prerequisite or co requisite: Computer Applications and Algebra 2/Trigonometry

If you enjoy using the computer and solving problems, this course may be for you. Computer Programming solves a variety of problems by developing a strategy, applying appropriate techniques, and testing results. Students will develop computer skills for problem solving using **Visual Basic programming software.**

We will also explore the software, "Alice". *Alice is an innovative 3D programming environment that makes it easy to create an animation for telling a story, playing an interactive game, or a video to share on the web.* Alice is a teaching tool for introductory computing. It uses 3D graphics and a drag-and-drop interface to facilitate a more engaging, less frustrating first programming experience.

Computer Applications

20 Weeks

Recommended for Grade 9

.5 credit

Graduation Requirement

Computer Applications was designed to help all students best use computer technology throughout high school. Learn how to format your papers for your English classes, build charts and graphs for your Science labs, and learn the finer skills of Power Point for all your courses. Find creative ways to quickly search the Internet for useful information.

Web Design I

20 Weeks

Recommended for: Grades 10-12

.5 credit

Prerequisite: Computer Applications

Do you like to design and create on the computer? How about designing Web Pages? This course is designed to be an introduction to web planning, design and creation. Students will learn the concepts and techniques of web design along with writing beginning HTML web pages. The students will be working with text, graphics, colors, and animation. Dreamweaver (a software program for making web pages) will be introduced.

Software used: Windows XP, Internet Explorer, Notepad, Dreamweaver MX.

Web Design II

20 Weeks

Recommended for: Grades 10-12

.5 credit

Prerequisite: Web Design I

How about taking your creativity a little further? Use Dreamweaver (a software to create professional looking web pages) and develop some dynamic looking web pages. Topics included are templates, css, layers and more. Students will enhance their sites with more graphics, animation and be introduced to tools they can use in Flash and Fireworks.

.(*Flash* is an animation software used to create animation for web pages and *Fireworks* is a graphic software for manipulating graphics to insert into their web pages. Create a portfolio of your projects that you can take with you when you graduate.)

Career Management

20 weeks

Grades 9-12

.5 credit

Required for a sequence in Business, Technology and Home & Careers. Find your career choice that best suits your talents. Explore those options while aligning your personal qualities to your job skills. Students will learn how to search for career opportunities in various fields of study. They will learn all aspects of the job search such as the resume, applications, and interviewing. Aspects of payroll, such as taxes and other deductions, benefits, and the different methods of earning money are covered. Students learn the value of work ethic, incorporating such skills and concepts as productivity, initiative, cooperation, and communication. Through field trips, speakers, shadowing experiences, and others activities, students will have a greater idea of what opportunities await them following graduation from high school.

Money Management

20 weeks

Grades 9-12

.5 credit

Would you like to be financially successful in your future? To live debt free? To be able to afford the luxuries you want? This course is a **MUST!** Learn how Investing and Personal Financing can help you obtain the financial success you want for your future. Personal Finance is a computer-based course designed to explore investment information needed to take advantage of financial opportunities at different earning levels throughout life. All students must be able to manage a check book and their personal finances before leaving high school. This course will give students the

S.T.E.P. Senior Transition & Exit Program

20 weeks

.5 credit

For SENIORS ONLY!

Take the last **STEP** before you graduate. By enrolling in this course, seniors can expect to learn the practicalities of what it's going to take to be successful after high school. It doesn't matter if you are entering the work force, enlisting, or continuing your education, the basics are the same for everyone.

Every senior who takes this course will have a job shadow experience just to make sure you're headed in the right direction. Guest speakers, panel discussions from professionals, and a field trip experience will reinforce the essentials of finances, part and full time employment, budgets, legal rights for young adults, career planning, personal safety, and continuing education issues.

ENGLISH

English 9

40 weeks

Grade 9

1 credit

Prerequisite: English 7/8

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

40-week college preparatory course leading to a Regents diploma that will introduce students to various literary genres and time periods (Standard 2). Emphasis will be placed on comparing literary devices and structures that will provide the basis for critical and interpretive reading and writing skills (Standard 3). Students will learn research techniques involving both electronic and textual sources (Standard 1). Students will write a 3-5 page informative MLA documented research paper (Standard 3). Listening and speaking skills will be fostered through structured classroom discussions and both individual and group presentations (Standard 4). Students will practice listening, reading, and writing skills in preparation for the Regents exam in 11th grade.

English 9-Accelerated

40 weeks

Grade 9 - Accelerated

1 credit

Prerequisite: Teacher Recommendation

Accelerated English 9 entails a broader study of literature over standard ninth grade English. In addition to the fundamental course overview of literature, grammar and composition, the accelerated course will involve several more novels during the course of the year (thereby increasing the pace of material covered) and more focused instruction leading to the Regents Comprehensive Examination in English in eleventh grade. This course is designed for the student seeking collegiate placement at an institution of higher learning following high school graduation. Accelerated English courses will follow in succeeding years (grades 10 and 11), culminating in AP English or college level English courses in the senior year of high school as an alternative to English 12, the standard World Literature course offered in the senior year.

English 10

40 weeks

Grade 10

1 credit

Prerequisite: English 9

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

40-week college preparatory course leading to a Regents diploma that furthers the study of the development, purpose, and appreciation of literature (Standard 2). The study of literary elements as each applies to literature will culminate in a 5-7 page MLA documented independent research paper that will involve the use of several sources of literary merit (Standard 3). Students will practice research techniques that involve electronic and textual sources (Standard 1). Listening and speaking skills will be fostered through structured classroom discussions, interview techniques and both individual and group presentations (Standard 4). Students will practice listening, reading, and writing skills in preparation for the Regents exam in 11th grade.

English 10-Accelerated

40 weeks

Prerequisite: English 9 Accelerated and/or teacher recommendation

1 credit

English 10 Accelerated entails a broader study of literature over standard tenth grade English. In addition to the fundamental course overview of literature, grammar and composition, the accelerated course will involve several more novels during the course of the year (thereby increasing the pace of material covered) and more focused instruction leading to the Regents Comprehensive Examination in English in eleventh grade. Added readings in Shakespeare and contemporary literature will reinforce and supplement the students' preparation for the New York State exams. The study of literary elements as each applies to literature will culminate in a 5-7 page MLA documented independent research paper that will involve the use of several sources of literary merit (Standard 3). Students will practice research techniques that involve electronic and textual sources (Standard 1). This course is designed for the student seeking collegiate placement at an institution of higher learning following high school graduation.

English 11 Accelerated will follow this course in grade 11. In grade 12, AP English or college-level English courses may be taken as an alternative to English 12, the standard World Literature course offered in the senior year.

English 11

40 weeks

Grade 11

1 credit

Prerequisite: English 10

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

40 week college preparatory course that focuses on reading at several levels of understanding. Setting, conflict, characterization, imagery, irony, satire, and symbolism are among the literary elements that are studied in preparation for in-depth critical analysis (Standard 2). Independent reading of a novel (from a suggested list of authors) and literary analysis of that author's style are the outcomes of the Junior Critique, a 6-8 page MLA documented research paper (Standard 3). Listening and speaking skills are reinforced through individual and group presentations (Standard 4). Students will practice listening, reading, and writing skills in preparation for the Regents exam in 11th grade.

English 11-Accelerated

40 weeks

Grade 11

1 credit

Prerequisite: Teacher recommendation and/or English 10 Accelerated

English 11 Accelerated entails a broader and more focused study of American Literature over standard Grade 11 English. In addition to the fundamental overview of literature, grammar and composition, the accelerated course will involve several more works of literature during the course of the year, concentrating on both classics and contemporary pieces of writing. The added works will supplement the students' preparation for the Regents Comprehensive Examination in English at the end of the eleventh grade year. Additional readings will enhance the students' basic repertoire and background for collegiate success following graduation from high school. Students would be expected to advance to AP English or the collegiate English courses offered in the senior year rather than the standard World Literature course of English 12.

English 12 is presented to our senior population as semester courses. Your choices are as follows:

To earn 1 credit of English that is required for graduation; British and World Literature may combined with Science Fiction Literature, Creative Writing, or Challenges and Obstacles. These courses may be placed in a student's schedule during either 1st or 2nd semester depending on the design of the master schedule and the individual student's other course requests. **Or one following options may be requested:**

1 semester: English 12- British/World Lit **2nd semester:** English 101

OR

1 semester: English 101

2nd semester: English 105

1 semester: English 101

2nd semester: English 201

1 semester: English 101

2nd semester: English 12 (any section of your choice; excluding British and World Literature)

**Required: English 12: British/World Literature or English 101
must be taken for one semester**

English 12- British/World Literature

20 weeks

Grade 12

.5 credit

Prerequisite: English 11

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

20-week college preparatory course with exposure to classic and contemporary British and World literature (Standard 2). Students will write an informative/persuasive MLA documented research paper of 6-8 pages (Standard 3). Students must complete the paper according to WCCS standards. Students will plan to complete their reading and writing assignments with the intent to hone their time management skills. Students will practice listening, reading, writing and speaking skills in preparation for college and/or the work force (Standards 1 and 4).

English 12- Science Fiction

20 weeks

Grade 12

.5 credit

Prerequisite: English 11 or English 101

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

The course will focus on the development of science fiction as a genre from the late nineteenth century to the present, with a special emphasis on post-WWII science fiction. Students will examine science fiction literature and films as social texts that reflect the historical moments in which they were created and the anxieties that technology created in those historical moments. (Standard 1) Students will focus particularly on the question of technology today and whether it makes human life better or worse. (Standards 2 and 3) Students will practice listening, reading, writing and speaking skills in preparation for college and/or the work force (Standards 1 and 4).

English 12- Creative Writing

20 weeks

Grade 12

.5 credit

Prerequisite: English 12 or English 101

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

The course will focus on the reading and writing of short fiction and poetry (Standard 1 and Standard 2). Short fiction will be read in order to review and reinforce student understanding of the literary elements of a narrative (point of view, plot, character, setting, mood, tone) (Standard 3). Poetry will be read in order to review and reinforce student understanding of the literary elements of verse (rhyme, meter, rhythm, alliteration, imagery, simile, metaphor, enjambment) as well as the genres of verse (narrative, lyric) and several common forms of verse (sonnet, blank verse, free verse, haiku) (Standard 3). Short fiction and poetry will be written in order to demonstrate a functional understanding of these elements, genres, and forms (Standard 2).

Challenges and Obstacles

20 weeks

Grade 12

.5 credit

Prerequisite: English 11

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

Standards for Social Studies-World History

Standard 2: Students will use a variety of intellectual skills to demonstrate their understanding of major ideas, eras, themes, developments and turning points in world history and examine the broad sweep of history from a variety of perspectives.

This 20-week course is devoted to exploring man's ability to face, and overcome, challenges and obstacles in his life. Through fiction, non-fiction, poetry, and short stories, students will understand how humans develop the inner strength to survive even the most devastating events. You will study people who have overcome both challenges and obstacles to make a difference in the world. These people may be from any walk of life, from athletes to noble prize winners, from refugees to explorers but all have accomplished much in spite of the fact of circumstances that are adverse. Biographies, autobiographies, films, short stories, memoirs, plays, and poems are to be used as sources for discussion, writing, reading and listening activities. A culminating project will be used as an assessment at the end of the semester. Literature may include Alive, the story of a soccer team's survival of a plane crash in the Andes Mountains; Holocaust literature, including fiction, non-fiction, poetry, and short stories; the poetry of Langston Hughes; and others.

English 101

20 weeks

Recommended for grade 12

.5 credit

Prerequisite: English 11

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

Students will write six to eight, 2-3 page compositions as well as write several exams, and make oral presentations to the class. Students will write an informative/persuasive MLA documented research paper of 6-8 pages (Standard 3). Students must complete the paper according to WCCS standards. Basic rhetorical principles, including distinctions between subjective and objective language and the elements of critical thinking are used to develop an overview of six aims of discourse: informative, scientific, literary, exploratory, expressive, and persuasive writing (Standards 1-4). Students are encouraged to take this course for **college credit (three credit hours) from Genesee Community College**. Students who opt to earn the college credit through GCC must pay approximately \$150.00 for tuition to GCC, and may need to purchase textbooks. See (Note: Students who take 101 the first semester, may not drop 105 or 201 and enter English 12 at the mid-year point to complete the required fourth unit of English.) **GCC has several payment plans including Visa, Master Charge, and installment plans. SPECIAL NOTE regarding financial assistance at the end of the English section.**

English 105

20 weeks

Recommended grade 12

.5 credit

Prerequisite: English 101

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

A continuation of the study of writing skills learned in the first semester of English 101, with special emphasis on informative, literary, and evaluative modes (Standards 1-4). In addition, this course provides an introduction to the humanities through appropriate readings, films, compositions, and other activities. The course will consider relationships with others, society and self, and will cover the topics of censorship, visual art, music, religion, film, theater, and philosophy. Students take examinations and write compositions related to these topics and prepare a final project related to an in-depth study of one of the topics above. Students are encouraged to take this course for **college credit (three credit hours) from Genesee Community College**. Students who opt to earn the college credit through GCC must pay approximately \$150.00 for tuition to GCC, and may need to purchase textbooks. *All students in English 101 are expected to purchase a workbook for approximately \$18.00, other books are provided by WCCS.

GCC has several payment plans including Visa, Master Charge, and installment plans. SPECIAL NOTE regarding financial assistance at the end of the English section.

Literature 201

20 weeks

Grade 12

.5 credit

Prerequisite: English 101

Students are introduced the unique characteristics of poetry, fiction, and drama. Students investigate the function of literature as a form of communication. Students will read, analyze,

critique, and write as they react to each piece of literature (Standards 1-3). Students may share their own creations (Standard 4). Students are encouraged to take this course for **college credit (three credit hours) from Genesee Community College**. Students who opt to earn the college credit through GCC must pay approximately \$150.00 for tuition to GCC, and may need to purchase textbooks. **GCC has several payment plans including Visa, Master Charge, and installment plans. SPECIAL NOTE regarding financial assistance at the end of the English section.**

AP English

Grade 12

.5

(Must be taken w/ 101 and 201)

Through on-going class discussions and the exchange of meaningful, mature ideas, students will develop literary analysis, critical thinking, and concise writing skills. The culmination of the course will be the AP exam that is given in May. The exam is scored on the basis of 1-5. Students who receive a three, four, or five may receive elective credit or credit for Freshman English, which is determined by the college of your choice.

The Advanced Placement course is intended for students who love literature and language, rather than for students who are simply fulfilling a requirement. The literature is complex, and in addition to reading novels, there is an emphasis on poetry. AP students must take more time to reflect on their reading before they come to class. Though plot, character, and theme are important elements of discussion, the AP students will focus on language, image, and style as well. They examine not what an author says so much as how he or she says it.

Speech and Oral Communication

20 weeks

Recommended grade 10

.5 credit

Graduation Requirement

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

20-week course includes three aspects of verbal communication: interpersonal, interpretation, and effective speaking. Emphasis will be placed upon the first aspect, the interpersonal, which addresses such topics as perception and self, attitudes toward communication, group communication and audience. Students will write and deliver their own speeches as well as perform individual pieces of literature such as poetry or dramatic duets. Focus will be on the life skills and needs of the students as future public speakers. All work addresses Standards 1-4. (May not be used to satisfy the required fourth unit of English.) **Successful completion of this course is a graduation requirement.**

Life Transitions: The First-Year Experience

20 weeks

Recommended grade 12

.5 credit

Standards for English Language Arts

Standard 1: Students will read, write, listen, and speak for information and understanding.

Standard 2: Students will read, write, listen, and speak for literary response and expression.

Standard 3: Students will read, write, listen, and speak for critical analysis and evaluation.

Standard 4: Students will read, write, listen, and speak for social interaction.

20-week college-level course-The transition from high school to college, the armed services or the work force is a complex experience for which few students are totally prepared. This course is designed to help students make the adjustments and successfully deal with the expectations and obligations with which they will be challenged. The four major course components are as follows:

1. Learning strategies/survival skills/critical thinking
2. Career planning and goal setting
3. Personal development and self-awareness
4. Higher education – its history, current status, and purpose

Students will become familiar with learning skills such as note taking, study skills, memory improvement, time management, and stress management.

Students taking this course are encouraged to take it for **college credit from Genesee Community College**. (Upon successful completion, a student will earn three college credits.) The cost is approximately \$150.00, and may need to purchase textbooks. The course credit may transfer to most colleges and universities. **GCC has several payment plans including Visa, Master Charge, and installment plans. SPECIAL NOTE regarding financial assistance at the end of the English section.**

(This course may not be used to satisfy the required 4th unit of English.)

SPECIAL NOTE: REGARDING FINANCIAL ASSISTANCE

The Wayland-Cohocton Teachers Association sponsors one fall scholarship and one spring scholarship to cover the cost of GCC tuition for students needing financial aid. Separate applications must be made for the fall and the spring scholarships. **GCC has several payment plans including Visa, Master Card, and installment plans.**

FOREIGN LANGUAGE

French and Spanish

The New York State standards for LANGUAGES OTHER THAN ENGLISH are:

1. Students will be able to use a language other than English for communication.
2. Students will develop cross-cultural skills and understandings.

Language consists of four forms of communication: listening, speaking, reading and writing. As students progress through the levels of learning a second language they develop and expand on their skills in each of the communication areas. In addition, students develop a better understanding and appreciation of cultural differences. This provides them with skills for communication with others and for cross-cultural understanding.

Unlike other subject areas, the curriculum for learning a language other than English does not change as a student progresses through the levels. Rather, the changes that occur are related to the depth of knowledge and the range of understanding that a student demonstrates about given

topics, situations, or functions. This is referred to as the spiraling effect. As students progress from one level to another, their communication skills are assessed in terms of level of proficiency in the second language. There are three proficiency levels, which are referred to as Checkpoint A, Checkpoint B and Checkpoint C. Checkpoint A is assessed at WCCS at the end of Eighth Grade after two years of beginning language study in the Middle School. The examination for Checkpoint A is called the New York State Second Language Proficiency Examination. Students who pass that examination receive a high school credit, which means that their two years of language study in Middle School is the equivalent to a high school Level I class at the high school. Checkpoint B is assessed after students complete Level I (or receive level I credit after earning a passing grade on the Proficiency Exam) Level II and Level III, and earn a passing grade on the Comprehensive Examination in the second language. The Comprehensive Examination is commonly referred to as the Regents. Most students at WCCS take their second language Regents at the end of their sophomore year. Checkpoint C covers Level IV and V and culminates in a local teacher-made final examination and/or project. Successful completion of Checkpoint C provides a student with a 5-year language sequence as one of the major subject areas for a Regents diploma. In addition, Level's IV and V do provide students with opportunities for earning college credit from Genesee Community College should they choose to take advantage of this by enrolling in GCC and paying the required tuition.

FOREIGN LANGUAGES: French/Spanish

Level I (French or Spanish)

40 weeks

Grades 9-12

1 credit

Level I classes are for students who are beginning the study of a second language or for those who did not pass the Proficiency Examination. In Level I classes, emphasis is on vocabulary development and structural control that will enable the student to use the language at a novice level in all four communication areas. At the completion of Level I, students are expected to understand simple statements, questions and main ideas and express themselves in simple conversations dealing with the “Topics, Functions and Situations” as outlined by New York State. Students are also expected to read simple, authentic documents in the second language as well as write simple messages about familiar topics. At this level, students are introduced to the cultures of countries where the language that they are studying is spoken. They will also be expected to compare the customs of their own country to those of the places where the language they are learning is spoken. The final examination at the end of this level is a teacher-made local examination.

Level II (French or Spanish)

40 weeks

Grades 9-12

1 credit

Prerequisite: Level I or a passing grade on the New York State Second Language Proficiency Examination

Level II continues the development of listening, speaking, reading and writing skills in the target language as well as a more in-depth development of cross-cultural skills and understandings. At Level II, students are “spiraling” from Checkpoint A proficiency toward, but not yet reaching,

Checkpoint B proficiency. The final examination at the end of this level is a teacher-made local examination.

Level III (French or Spanish)

40 weeks

Grades 10-12

1 credit

Prerequisite: Level II

Level III is the final step in preparing students to reach Checkpoint B proficiency. Students complete at 3-year sequence in a second language upon successful completion of Levels I, II and III and by passing the New York State Comprehensive Examination in the second language. Students are expected to understand and note some details from short native conversations. They are also expected to be able to initiate and sustain a conversation within the limitations of vocabulary and structures (e.g. verb tenses required of this level). In addition, students are expected to grasp main ideas when reading simple narrative and descriptive documents, as well as edited prose written in the second language. At this level, students are required to write well-organized notes, letters, and essays using past, present, and future tenses and show good control of the major structures of the second language.

Level IV (French or Spanish)

40 weeks

Grades 10-12

1 credit

Prerequisite: Level III

This advanced course of study strengthens comprehension and expression through the use of the target language in listening, speaking, reading, and writing. Classes are primarily conducted in the language being studied (French or Spanish) and students will be required to communicate both orally and in writing in the language being studied. Language structures are reviewed and expanded to clarify the message of both the written and spoken word as well as the use of nuances and colloquial French/Spanish in contemporary daily communication. The study of culture continues through literature, art, history, cinema and current event readings in order to broaden the students' knowledge of Francophone/Hispanic countries and their culture. Students are encouraged to take French 201, the first semester, for **college credit (three credit hours) from Genesee Community College**. Students who decide to take the French 201 for college credit through GCC must enroll at GCC, pay the required approximately \$150.00 tuition, and may need to purchase textbooks. See the SPECIAL NOTE at the end of the Foreign Language section regarding financial assistance.

Level V (French or Spanish)

40 weeks

Grades 11-12

1 credit

Prerequisite: Level IV

This advanced course provides more enrichment through readings and activities that extend vocabulary and cultural awareness. Successful completion of Level V gives students a 5-year language sequence as one of the major subject areas for a Regents diploma. This advanced course continues to strengthen comprehension and expression in the foreign language in all four major skill areas. Students at this level will be expected to communicate almost exclusively in the foreign language with confidence. In addition to reading required materials, students will be asked to read some materials of their own choosing so they begin to read for pleasure in their second language. Students at this level should show an understanding as well as an appreciation

of most cultural differences between the United States and the various Francophone/Hispanic countries. In addition, students should show some initiative and ease in using culturally appropriate behaviors acquired through learning or observation. Students enrolled in Level V are encouraged to take French 202, during the spring semester, for **college credit** (3 credit hours) **from Genesee Community College** (French 202 is a prerequisite). Students who decide to take the French 202 for college credit through GCC must enroll at GCC, pay the required approximately \$150.00 tuition, and may need to purchase textbooks. Students are encouraged to speak with their counselor and instructor regarding college credit options. See the SPECIAL NOTE at the end of the Foreign Language section regarding financial assistance.

NOTE

The Wayland-Cohocton Teacher's Association sponsors one full tuition scholarship per year to cover the cost of tuition for a language course through Genesee Community College for Level IV or Level V. Students must apply for this scholarship through the WCCS Counseling Office. The scholarship is awarded based on financial need.

HEALTH

High School Health

20 week course

Grades 9-12

.5 credit

Recommended: grade 10

This **required course** provides opportunities for students to achieve the skills, knowledge and attitudes that will allow each student to attain a good quality of life and wellness in a continually changing world. The course will assist students in developing an awareness of the role that health plays in the lives of individuals, families, and community. Some of the areas studied for maintaining a healthy lifestyle are social and emotional mental health, conflict resolution, human growth and development, teen pregnancy prevention, family life, parenting, character education, nutrition/fitness, communicable and non-communicable diseases and prevention, alcohol, tobacco other drugs, first aid and safety, and consumer and environmental health. This course is a requirement for graduation.

Home & Careers Education

Culinary Arts

20 Weeks

Grades 9-12

.5 Credits

Have you ever considered an exciting career as a chef? The field of Culinary Arts (preparing foods) is thrilling and fast paced. Think about this: every city in the world has restaurants and those jobs are plentiful. The people who get those jobs are those who have experience in food service. Our department can give you the basics to start that career. This course will give you

exposure to working in a kitchen. Learn knife skills, which will then lead you to learning the basics of all aspects of Culinary Arts. Some of the topics covered are: soups, sauces, appetizers, meats, poultry, seafood, vegetarian, salads, breakfasts and all types of desserts. If this field doesn't spark your interest, then you know that you will have received the basics to use in every day life!

American & Foreign Foods

20 Weeks

Grades 9-12

.5 Credit

Recommended Prerequisite: Culinary Arts

Have you ever wanted to take a trip around the world? This course will offer you a glimpse of the culinary experiences from many regions. It will tie in how America is the "melting pot" of all those culinary delights. Some of the foreign regions or countries visited will be: France, Germany, the Netherlands, Russia, Greece, Italy, Spain, The Middle East, the Far East or Orient, and Latin America. Traveling back to the United States: New England, Pennsylvania Dutch, Southern Foods, Creole Foods, Mid-Western, South Western, and Pacific North Western foods. Bring your sense of adventure and enjoy experiencing classical and exciting cuisine.

Gourmet Foods I

20 Weeks

Grades 9-12

.5 Credit

Recommended Prerequisite: Culinary Arts

Want to expand on a career in the culinary field? This course will refine the skills learned in Culinary Arts. You will learn the importance of food appearance and presentation when preparing elegant recipes created from some of the top restaurants all over the world. Emphasis will be on unique cooking styles and will be accomplished in a restaurant style environment. Part of this experience will be preparing foods for marketing in our school. You will be encouraged to develop an adventurous, creative cooking style that can potentially lead you toward an entrepreneurial career direction.

Gourmet Foods II

20 Weeks

Grades 10-12

.5 Credit

Prerequisite: Gourmet Foods I

Now you are getting serious about a career as a chef. Acquire the skills to operate in a commercial kitchen setting. Learn how to prepare recipes from famous restaurants and will produce and distribute those elegant appetizers, salads, entrees, and desserts to the faculty in our school. This course will teach you how to operate and manage a restaurant and will train you to expand on the career you are beginning. You could be the next Emeril Lagasse "BAM."

Lab Assistant for Culinary Arts, American & Foreign Foods and Gourmet 1 & 2

20 weeks

Grades 10-12

.5 credit

Teacher Recommendation

Student will meet with the instructor during the scheduled culinary class. Student will be responsible for assisting in food requisitions and inventory of kitchen pantries. Student will help chef instructor assist new culinary students with their adjustment to a commercial kitchen setting; while expanding his or her own abilities and knowledge to not only become a chef, but to be a skilled kitchen manager.

Gourmet Pastry Production

20 weeks

Grades 9-12

.5 Credits

Recommended prerequisite: Culinary Arts

This course will sharpen your baking skills and give you another glimpse at a very important area of food production. You will learn the importance of precise measurement and the intricacies of baking desserts and pastries. Emphasis will be placed on constructing a product that is worthy of fine dining restaurants. The products you prepare will be showcased and marketed with the Gourmet meals each week. Creativity will be an important trait, as this course will require you to artistically prepare famous desserts from around the world.

MATHEMATICS

Math 1

40 weeks

Grade 9

1 credit

Students study algebraic concepts which include operations with polynomials, solving equations, factoring, graphing linear functions, and right triangle trigonometry. Students will take the Algebra Regents examination in June at the end of Math 2.

Math 2

40 weeks

Grades 10 - 12

1 credit

Prerequisite: Math 1

Math 2 students continue the study of the key topics from Math 1. Additional topics include quadratics, systems of equations, algebraic fractions, probability and statistics. Students will take the Algebra Regents examination in June.

Math 3

40 weeks

Grades 11-12

1 credit

Prerequisite: 2 credits of math

Math 3 involves applications of consumer math and business math.

**Note: This course may also be used as an elective to meet the requirements of a Business Sequence*

Algebra

40 weeks

Grade 9 or advanced 8th

1 credit

Algebra is the first of three math courses designed to satisfy a sequence toward the Regents Diploma with Advanced Designation. The main area of study is algebra with some coordinate geometry, right triangle trigonometry, probability and statistics. Students will take the Algebra Regents examination in June.

Geometry-Regents

40 weeks

Grades 9-12

1 credit

Prerequisite: Algebra or Math 2

Geometry is the second of the three mathematics courses designed to satisfy a sequence toward the Regents Diploma with Advanced Designation. The course integrates synthetic, transformational, and coordinate approaches to geometry. Students enrolled in the course will take the Geometry Regents examination in June.

Geometry- Local

40 weeks

Grades 10-12

1 credit

Prerequisite: Math 2 or Algebra

Local Geometry is a course that allows students to investigate geometric situations without the inclusion of formal proofs. It can be taken as one of the three math courses a student needs in order to meet graduation requirements. The course does not prepare the student to take the Geometry Regents examination.

Intermediate Math

40 weeks

Grades 11-12

1 credit

Prerequisite: 2 credits of math

Intermediate Math is specifically designed to give the student a touch of the upper level math course without the pressure of the timetable for the Algebra 2/Trigonometry Regents examination. The students will see and work with Algebra 2/Trigonometry topics but at a less rigorous schedule. This course emphasizes algebra skills and introductory trigonometry.

Algebra 2 and Trigonometry

40 weeks

Grades 10-12

1 credit

Prerequisite: Geometry Regents

The students will work with the three basic trigonometry functions in a variety of ways; proving identities, solving for angles or length of a side of a triangle. Also, they will work with the exponential and logarithmic functions. They will apply transformations to functions and graphs. Students will solve quadratic equations over the complex number system. Students will use a calculator to find mean and standard deviation and their application to the bell curve. Students will find the probability of success in an experiment with two outcomes. Students will take the Algebra 2 and Trigonometry Regents examination in June.

Math Investigations

20 weeks

Grades 11-12

.5 credit

Prerequisite: 2 credits of math

The students investigate various areas of mathematics which include solid geometry, fractal geometry, methods of problem solving, and directed graphing.

Statistics

20 weeks

Grades 11-12

.5 credit

Prerequisite: 3 credits of math

The students will be able to construct charts and diagrams, use MINITAB and do statistical calculations all with the goal of them becoming critical consumers of statistical material. This course may be taken for **college credit (three credit hours) from Genesee Community College**. Students who opt to earn the college credit through GCC must pay approximately \$150.00 for tuition to GCC. See SPECIAL NOTE at the end of the Math section regarding financial assistance.

Pre-Calculus

40 weeks

Grades 11 -12

1 credit

Prerequisite: Algebra 2/Trigonometry

The student will analyze conic sections. The student will use appropriate techniques to perform basic operations on matrices. They will learn to apply appropriate theorems to solve polynomial functions. The student will apply the ideas of symmetries and transformations in sketching and analyzing graphs of functions. The student will use logarithmic and exponential functions to model real-world relationships. The student will apply the conceptual foundation of limits, rate of change, and the slope of a tangent line.

Advanced Placement Calculus AB

40 weeks

Grade 12

1 credit

Prerequisite: Pre-Calculus

Students will work with functions represented in a variety of ways. Students will understand the meaning of derivative in terms of a rate of change and local linear approximation. Students will do Riemann sums and definite integrals as the net accumulation of a rate of change. Students will model differential equations and integrals. Students will demonstrate the use of technology to help solve problems, interpret results and verify conclusions.

Note: *Students who enroll in AP classes, must pay for and take the AP exam. The school district will pay for half of the student exam fee. Students who may have difficulty affording the remaining fee may contact a school counselor to discuss available financial aid options.*

SPECIAL NOTE REGARDING FINANCIAL ASSISTANCE: The Wayland-Cohocton Teachers Association sponsors one fall scholarship and one spring scholarship to cover the cost of GCC tuition for students needing financial aid. Separate applications must be made for the fall and the spring scholarships.

MUSIC

AP Music Theory

40 weeks

Grades 11 and 12

1 credit

Did you ever wonder how some people can just pick up a guitar or sit at a piano and figure out how to play a song? If you are considering going further in music as a hobby or career, you will need the knowledge this course offers. AP Music theory is a full year course that requires a basic ability to read music when you start, and culminates with a final music writing project after the AP exam in May.

Master Composers (shorter version of Music History)

20 weeks

Grades 9-12

.5 credit

This music history course hits highlights of the incredible composers of the Classical and Romantic Eras. Students will do small research projects and listen to and identify the great works from composers such as Mozart, Beethoven, Handel and Haydn to name a few. This is for anyone who enjoys music.

Theater Class

20 weeks

Grades 9-12

.5 credit

This course will focus on the development of musical theater. This is for anyone that enjoys musical productions and learning about plots with music. We will study the older “classic” shows and today’s contemporary hits. We will be doing some acting and singing in the classroom.

Voice Class (20 minute voice class to be schedule during a single lunch/SH period)

20 weeks

Grades 9-12

.25 credit

This is for anyone who likes to sing and would like to develop their singing abilities. We will study vocal production, anatomy and physiology of the voice, reading music, and explore different styles of music with the NYS Arts Standards. Any abilities are welcome.

Instrumental

High School Band 9 - 10

40 weeks

Grades 9-10

1 credit

Key topics are to promote the development of the quality, technique and musical reading skills from 8th grade band. The students will, through daily rehearsal and individual/small group lessons once a week, have better conceptual understanding of music and play their instrument at a higher degree of proficiency. Music will be played at grade levels of III and IV as set by the

New York State School Music Association standard. Attendance at evening concerts and marching is required of the students.

High School Band 11-12

40 weeks

Grades 11-12

1 credit

This is a continuation of the key topics offered in Band 9-10. The students will, through daily rehearsal and individual/small group lessons once a week, continue their growth on concepts of music and play their instrument at a higher degree of proficiency. Music will generally be played at grade levels of V and VI as set by the New York State School Music Association standard. Attendance at evening concerts and marching is required of the students.

Jazz Band

40 weeks (every other day)

Grades 9-12

.5 credit

Jazz Band is an intense exposure to performing the jazz style, which includes swing, rock, folk, etc. Improvisation is also highly encouraged. Students rehearse 2-3 times per week and do many concerts and outside school performances. Attendance at these events is required.

Vocal

High School Chorus

40 weeks

Grades 9-12

1 credit

Male and female students will review the basics of choral singing, with special attention given to sight-singing, vocal techniques, and four-part singing (SATB). This is a course for those students who love to sing. Attendance is required for the 2 to 3 concerts given.

Select Chorus/A Capella Chorus

40 weeks

Grades 10-12

1 credit

Enrollment by audition

This is the most advanced choral group offered at WCCS. Membership is gained by audition. Students must be available for many outside performances as well as several concerts throughout the year. Along with performing concerts at school this group will also prepare and entertain community organizations at clubs, meetings and special events. This upper classmen/upper level performing group will prepare music with and without accompaniment. Upon making it into the group the priority course that will be scheduled will be Select/A Capella Chorus.

PHYSICAL EDUCATION

Physical Education*

40 weeks (every other day)

Grades 9 - 10

.5 credit

Proper attire is required: sneakers which lace, shorts, t-shirt, sweatpants or sweatshirt. Units in Physical Education include: soccer, ultimate frisbee, football, lacrosse, volleyball, basketball, swimming, floor hockey, softball, track & field, in-door recreational games, archery, tennis, badminton, fitness, swimming, basketball, volleyball, golf, indoor recreational games, outdoor recreational games, and more. The Physical Education grade will be calculated in students' overall grade point average. The grade given will be based on four (4) parts: skill application, application of strategy, knowledge of rules and etiquette, and personal/social responsibility and safety.

Physical Education

40 weeks (every other day)

Grades 11 - 12

.5 credit

Proper attire is required: sneakers which lace, shorts, t-shirt, sweatpants or sweatshirt. Units in Physical Education include: soccer, ultimate frisbee, football, lacrosse, volleyball, basketball, swimming, floor hockey, softball, track & field, in-door recreational games, archery, tennis, badminton, fitness, swimming, basketball, volleyball, golf, indoor recreational games, outdoor recreational games, and more. The grade given will be based on four (4) parts: skill application, application of strategy, knowledge of rules and etiquette, and personal/social responsibility and safety.

*** 2 credits in PE are required to graduate**

SCIENCE

All students will be required to earn a minimum of 3 science credits. One credit must be from the Physical Setting courses and one credit must be from the Living Environment courses.

Physical Setting/Regents Earth Science w/ lab

40 weeks

Grade 9 and accelerated grade 8

1 credit

Key areas of focus: The course will focus upon the areas of astronomy, meteorology, earth history, and earth/crust dynamics, with an emphasis on gaining a working understanding of interacting earth processes. Students will be expected to complete scientific analysis, inquiry, and design; utilize mathematical concepts/scientific inquiry; be able to process information from a variety of media and modeling sources; and make conceptual connections through systems

thinking and interdisciplinary problem solving as outlined in the NYS Physical Setting/Regents Earth Science Core Curriculum.

Upon completion of this course, students will be able to demonstrate experiences in all of the above focus areas by producing written laboratory reports documenting these experiences as required for admission to the Regents exam. Hands-on activities as well as the testing of process skills in Regents Earth Science will be incorporated into this laboratory work. Students completing this course should have mastered all concepts and skills necessary for a passing average in the Physical Setting/Regents Earth Science course and also for a passing performance of the Regents Earth Science Examination.

The Living Environment/Regents Biology w/ lab

40 weeks

1 credit

Students will understand and apply scientific concepts, principles, and theories pertaining to the living environment and recognize the historical development of ideas in science. Assessment will test students' ability to explain, analyze, and interpret biological processes and phenomena more than their ability to recall specific facts. Students must successfully complete laboratory experiences and satisfactorily written reports based on the laboratory investigation in order to gain admission to the Regents exam. The final exam is the Regents examination, which will test all core curriculum standards for the Living Environment/Regents Biology.

Course Description: Honors Living Environment

Honors Living Environment

40 weeks

1 credit

Grade 9

Prerequisite: Accelerated Earth Science or teacher recommendation

Honors Living Environment covers all of the typical units found in Living Environment in greater depth with an emphasis on more rigorous vocabulary. This course should be viewed as a bridge to Advanced Placement Biology and many of the units covered will be done so at a level well above the Regents level. The lab experience is the same as all Living Environment Classes while the lecture portion of the course involves more challenging depth and more rigorous assessments. Students in this course will take the regular Living Environment Regents Exam in addition to a local final exam.

Physical Setting/Regents Chemistry w/ lab

40 weeks

1 credit

Recommended grades 10-12

Suggested prerequisites: Math A1, Regents Biology, and enrollment in or successful completion of Math A2.

Students will be introduced to the study of matter through topics including atomic structure, bonding, periodic table, math of chemistry, kinetics and equilibrium, acid base theory, electrochemistry and organic chemistry. Labs are required in addition to the regular class periods and are designed to offer students a hands-on approach to augment the understanding of the lecture topics. At the completion of this course, the student will have been asked to incorporate

reading, math, reasoning and analytical skills to solve and understand the models and concepts presented.

Physical Setting/Regents Physics w/ lab

40 weeks

Grades 11-12

1 credit

Suggested prerequisites: Math A1 and A2 and B
(Algebra, Geometry, and Alg. 2/Trig)

Students in this course will be introduced to the study of physics with topics such as motion, energy, wave theory, including sound and light, electricity and atomic/nuclear physics. This course is designed to prepare students for college and is taught accordingly. Labs are in addition to regular class time and are designed to offer students a hands-on approach to augment topics covered in lecture. At the completion of this course, students will have been introduced to topics covered in no other high school science class and will have been asked to incorporate reading, math, reasoning and analytical skills to solve and understand the various models presented.

Living Environment/Environmental Science

40 weeks

Grades 11-12

1 credit

Recommended: Earth Science and Biology

Key Topics are Fall Wildflowers, Your Place in the Finger Lakes, Birds of the Finger Lakes, The Adirondack Park, Wilderness Navigation with GPS, and Spring Wildflowers. Additionally, outdoor research/data collection will occur on the Science Trail on campus. Typically, two fieldtrip experiences are scheduled: one involves assisting the N.Y.S.D.E.C. by stocking brown trout in the Cohocton River while the second trip is an eight-hour tour of the Finger Lakes Region focusing on Keuka and Canandaigua Lakes. Such field trip experiences are a privilege and students will be withheld at the discretion of the instructor based on behavior, grades, and attendance.

Upon completion of this course, students will be expected to have a solid understanding of the unique environmental challenges we face as citizens of the Finger Lakes Region. They will also have vast knowledge of the local environment and its inhabitants, particularly the local wildflowers and birds. Students will have gained some insight into possible careers in the field of environmental studies and will have participated in a community service project with the Department of Environmental Conservation.

Living Environment/Greenhouse Science

40 weeks

Grades 10-12

1 credit

There are no prerequisites for this course. Alternate days will be spent in a traditional classroom and in the school's three thousand square foot handicapped accessible greenhouse lab. A minimum of 35 formal labs with a minimum of 1,400 minutes of lab time will be accomplished. The course consists of thirteen competency based units and eight long-term projects. The final exam will have four parts, each with equal value. These parts will involve content-based multiple choice questions assessing the student's knowledge and understanding of core material; multiple choice and constructed response questions based on content and skills taught and assessing the student's ability to apply, analyze, and evaluate material; extended response items with real world context; and questions based upon greenhouse work experiences and greenhouse

labs. Upon completion of this course, students will have an awareness of greenhouse safety, structures, equipment, and management, as well as opportunities for employment that greenhouse work may bring.

Science Lab Assistant for Physical Setting and Living Environment

40 weeks

Grade 11 or 12

.5 credit

Prerequisite: Completed Living Environment and Chemistry, teacher recommendation required

Students selected as Lab Assistants will be responsible for basic lab set up including, but not limited to, making solutions, gathering materials for each lab, helping to keep track of chemical stock, assisting other students in lab when possible, organization of the lab and general clean up. Lab Assistant positions are targeted to students who are interested in pursuing a career in the sciences and would like to continue to be involved in sciences from the lab point of view. The students should be organized and be willing to work. The students will be under the direct supervision of the science lab teachers. The number of students selected as Lab Assistants will be limited to one per period and subject to lab teacher approval.

AP Biology

40 weeks

Prerequisite: Earth Science and Honors Living Environment or teacher recommendation

1 credit

AP Biology is a course designed for students that have a strong interest in, or desire to pursue a career in, the sciences. The AP Biology course is designed to offer students topics that are covered in a freshman Biology course at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year. The course culminates with the comprehensive AP Biology Examination, which has a fee.

To succeed in AP Biology students must be highly motivated to learn. Reading requirements for the course are rigorous and require a daily commitment to stay caught up in the class. Exams generally cover 3 - 4 chapters in the text and occur every 2-3 weeks depending on the content being covered and the number of labs that are conducted during the unit. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university-level Biology course. Labs are a required part of the course, and are scheduled separately from the lecture period.

Texts used:

Course Textbook: Biology, 8th edition (Student Edition w/CD, HS binding)

Authors: Neil Campbell and Jane Reece

Lab Manual: AP Biology Lab Manual for Students (2001) The College Board

Supplemental Text: CliffNotes AP Biology (3rd Edition). Author: Phillip E. Pack, Ph.D.

Publisher: Cliffs Notes, Inc. Lincoln, Nebraska

SOCIAL STUDIES

Global History and Geography I

40 weeks

Grade 9

1 credit

Global History and Geography I is the first year of a two-year Regents course. A Regents examination is given at the end of Global History and Geography II that includes information learned in Global History and Geography I. This Regents examination, as well as credit for both years of the course, must be passed for a student to graduate.

Key topics for Global History and Geography I include the study of world history from the Paleolithic age to the French Revolution, excluding United States history. There is also a strong emphasis on writing skills. Students will learn how to write Regents level thematic and document-based essays. By the completion of this course, students will have the writing skills, and the necessary historical knowledge, to successfully move into Global History and Geography II.

Foundations of World History

40 weeks

Grade 9 Accelerated

1 credit

Prerequisites: Recommendations from the student's 8th grade English and Social Studies teacher

This course is an accelerated course, intended for those students who wish to pursue the Advanced Placement World History curriculum and an AP World History examination in grade 10. This course will examine world history from pre-history through to 1000 AD. The course will be taught according to AP (Advanced Placement) guidelines and is considered the first half of a two-year program of AP World History (AP exam is taken in the Spring of the 10th grade). The assessments in this course will be parallel to the AP examination.

Global History and Geography II

40 weeks

Grade 10

1 credit

Global History and Geography II is the second year of a two-year Regents course. A Regents exam is given at the end of the tenth grade that includes information learned in Global History and Geography I. This exam, as well as both years of the course, must be passed in order for the student to graduate high school.

Units for Global History and Geography II include

1. An Age of Revolutions(1750-1914)-political, social and economic as well their effects.
2. A Half-Century of Crisis and Achievement-covers the period of and between the World Wars.
3. The 20th Century since 1945 –modern world history and its global effects.
4. Global Connections and Interactions-ties together the 2 years of the course.

There is a strong emphasis on the writing skills. Students will continue to master thematic and document based essays (DBQs) required by the Regents. By the completion of this course, students will have the necessary historical knowledge to be able to pass the Global History and

Geography Regents examination and continue this success on the new 11th grade American History course.

United States History

40 weeks

Grade 11

1 credit

American History is an overview of the history of the United States with emphasis on the United States as an industrial nation. Constitutional and legal issues are developed as well as circumstances involving international commitments. This course of study is organized chronologically. All students must pass this course and the associated Regents examination as a requirement for graduation.

Participation in Government

20 weeks

Grade 12

.5 credit

This fourth year mandate is a one-semester course in the participatory aspects of American government. Emphasis will be on the interaction between citizens and government at all levels - local, state, and national. Law related education is fused into this program.

Economics

20 weeks

Grade 12

.5 credit

This fourth year mandate is an economics course dealing with the basic economic concepts and understanding that all people need to function effectively and intelligently as citizens and participants in the economy of the United States and the world.

Advanced Placement World History

40 weeks

Grades 10 -12

1 credit

Prerequisite: Foundations of World History

This college level course begins with the "Foundations," an introduction to the course that focuses on setting and historical and geographical context. What follows for each of the periods is an outline of major developments that students are expected to know and be able to use in making comparisons across cultures. These developments and comparisons relate to six overarching themes. The ordering of the developments suggests chronology and depth of coverage. For each period after Foundations, periodization is the first major task and serves to create links and explain differences with the period just covered and with the period to come. For all periods, major interpretative issues, alternative historical frameworks, and historical debates are included.

All students are expected to take the AP exam. Taken in mid-May, grades on this exam may be applied for college credit, depending on the institution.

Note: Students who have not previously taken the Global History Regents Examination will be expected to take both the AP exam and Regents exam. The Regents exam must be passed in order for students to graduate from high school.

Students who enroll in AP classes, *must pay for and take the AP exam.* The school district will pay for half of the student exam fee. Students who may have difficulty affording the remaining fee may contact a school counselor to discuss available financial aid options.

Advanced Placement (AP) United States History

40 weeks

Grade 11

1 credit

Recommended for advanced 11th graders

The AP program in United States History is a college level course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in United States History. This program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Successful completion of the Advanced Placement Examination may result in the acquisition of three to six credit hours toward a college degree.

This course fulfills the eleventh grade Regents US History course requirements, although students are still required to take the Regents examination in United States History in June. This is a college level course, so it will be challenging and should be attempted by advanced students with high averages in English and Social Studies. *Students who enroll in AP classes, must pay for and take the AP exam.* The school district will pay for half of the student exam fee. Students who may have difficulty affording the remaining fee may contact a school counselor to discuss available financial aid options.

***Note: Students will be expected to take both the AP exam and the United States History Regents exam.**

Advanced Placement United States Government and Politics

40 weeks

Grades 11-12

1 credit

Recommended Prerequisite: successful completion of United States History Regents class.

It is suggested that students demonstrate their achievement on the United States History Regents examination with a score of 80% or better.

This course is an in-depth study of United States government. It is roughly equivalent to a freshman college level political science course. Basic topics covered include: foundations of American government; elections, parties and interest groups; institutions of government; policy making; political beliefs and behaviors; civil liberties.

Types of work required of students will be AP format assignments. This means written papers due approximately every two to three weeks and testing consisting of multiple choice and essay. Reading assignments may include 50-100 pages due every two to three weeks.

Students will leave this class with an in-depth knowledge of the workings of American government. The real life practices of government will be examined, not just the theoretical

underpinnings. Students will also leave with improved writing and time management skills in preparation for college.

Note: Students who enroll in AP classes, *must pay for and take the AP exam*. The school district will pay for half of the student exam fee. Students who may have difficulty affording the remaining fee may contact a school counselor to discuss available financial aid options.

Human Rights and Technology

20 weeks

Suggested for grades 10-12

.5 credit

Human Rights and Technology is a ½ year social studies elective open to students in the 10th through 12th grade. There is no prerequisite for this course.

Key topics will concentrate on the theme of human rights, while utilizing the schools new computers and technology. Students will study units on the origins of prejudice, the UN Human Rights Charter, historical abuses of human rights, current abuses of human rights and what can be done about them. Students will do research using the Internet and will have a final project that must be presented in multimedia form using Microsoft Power Point. By the completion of this course students will have a better understanding of the human rights issues and will have the tools to do specific research on the Internet. They will also have the ability to produce a persuasive multimedia project.

Introduction to Psychology

20 weeks

Suggested for grades 11-12

.5 credit

Introduction to Psychology is a 20 week elective open to all students enrolled in 11th and 12th grade. There is no prerequisite class. Key topics include a brief history of psychology, psychological research, learning, motivation and emotions, personality theory and transactional analysis. Students will be introduced to specific historical individuals, psychological disciplines, and terms that are usually found in a college freshman psychology course. By the completion of this course students will have a good understanding of important psychological terms. They will also know techniques to improve the retention of their studies, simple ways to modify their own negative behavior, and how to stop "games" playing. These skills will help anyone but they will be especially beneficial to students contemplating a college major in the human service field.

Introduction to Psychology 101

20 weeks

Suggested for grades 11-12, advanced students

.5 credit

College level course for GCC credit

The recommended population for this course is advanced students who want to do college level work and receive college credit through Genesee Community College for Introduction to Psychology. There are differences between this course and the non college credit Introduction to Psychology course. Students in this course will be expected to do college level readings, research and writing. This course will focus more on the college syllabus and less on the sections geared to help high school students, which is a major focus in the non-college credit course.

Students must pay approximately \$150.00 for tuition to GCC. See SPECIAL NOTE at the end of the Social Studies section regarding financial assistance.

Current Events

20 weeks Grades 11-12

Grades 11-12

.5 credit

This upper classman elective course of current events from aspects in American government, politics and contemporary media will inform students of relevant events happening while linking their significance to the past. Emphasis will be on the interaction of forming a foundation of knowledge regarding the world that students will be required to function in after finishing high school. Students will complete a presentation of the year in review which will develop speaking, writing and time management skills. The class will also contain a geography component as student will be required to specifically locate where the studied events are occurring.

Italian Language/History and Culture Class

20 weeks

Grades 11-12

.5 credit

Students in this class will be introduced to the Italian language, history and its diverse culture. They will be able to grasp a key understanding of the language and be able to communicate with an Italian at a basic level. The students will get an understanding of the vast history of Italy and the different culture of each region of Italy through a variety of projects, movies and newspaper articles directly from Italy. They will be listening to an assortment of different Italian music ranging from opera to rock to rap in order to better understand the differences in music all over the world. They will be making Italian food for the class. They will also be taking a field trip to an Italian restaurant towards the end of the class. Such field trips are a privilege and students will be withheld at the discretion of the instructor based on behavior, grades and attendance.

TECHNOLOGY

CADD (Computer Aided Drafting and Design)

20 Weeks

Grades 9-12

.5 credit

Prerequisite: IED/DDP or Technical Drawing

Are you interested in a career in engineering, architecture or industrial design? Then this is the course for you. Most colleges that specialize in these subjects require a background in CADD. This course will introduce you to AutoCAD 2005, the industrial standard for CADD programs. In this course you will see how the computer is used as a powerful tool in technical drawing and design.

Construction Systems

20 weeks

Grades 9-12

.5 credit

Have you thought about a career in construction? Hope to own a home someday? Then this course will be of interest to you. This course will introduce you to a wide variety of construction topics. These would include: wall construction, house wiring, plumbing, foundations, roofing, along with several others. Students will complete activities in each of these areas and work on the class project. The class project for this year's course is a backyard shed.

Introduction to Engineering Design (IED; formally DDP) NEW!!!

40 weeks

Grades 9-12

1 credit

This is an entry level course in our new Technology sequence, called Project Lead the Way (PTLW), which is an upgraded version of the old DDP course. Upon the successful completion of this course, students may have the option to receive college credit. Introduction to Engineering Design (IED) will provide students with a variety of "hands on" and computer based activities and projects designed to challenge and improve their "real life" problem solving skills using design development process. Students will be taught to use computer software Autodesk Inventor Professional and learn to create, analyze, and communicate models of product solutions. The IED course may be used by students to meet their one credit New York State Education Department graduation requirement for fine arts.

Electricity/Electronics

20 weeks

Grades 9-12

.5 credit

Are you interested in the world of electronics? Would you like to better understand how electronics works? This course will provide you with an introduction to basic electronics. Through a series of experiments this laboratory-based class will give you the opportunity to see first hand how electricity works and is controlled. In addition to lab experiments, you will get to complete several fun and interesting electronics projects.

Materials Processing

20 weeks

Grades 9-12

.5 credit

Do you like working with your hands? Have you ever wanted to learn to how use the big machines in the Tech rooms? Then this traditional style "shop" course is for you. In this hands-on course you will learn the safe and proper operation of the table saw, jointer, and surface planner as well as other tools and machines in order to construct a jewelry box. Students taking this course will have the opportunity to complete other projects in woods, metals and plastics.

Principles of Engineering

20 weeks

Grades 9-12

.5 credit

Interested in a career in engineering? Like thinking outside the box? Then this fun and challenging course should be right up your alley. Students taking this course will compete with their classmates to find the best solutions to challenging problems. Projects in this course include: bridge building; mousetrap powered vehicles, catapults, robotic arms, as well as a variety of other problem-solving activities. Warning: this course is reserved for students willing to work independently.

Production Systems

20 weeks

Grades 9-12

.5 credit

Have you ever wondered what it is like to work in an industrial setting? This course is designed to model a real life business. Students in this course form a small company to produce, market, and sell a product. Each student will be asked to design, develop, and present a product idea to the class. The class will then select the product that it wishes to produce and sell. Students will elect company officers, interview for positions and participate in the production, marketing and selling of the class project. Field trips will be taken to see some of the industries in our area.

Transportation System

20 weeks

Grades 9-12

.5 credit

Every year students in this course complete a major class project. In past years students have worked on kayaks, canoes and go-karts. The project for this year's class is undecided. Three major units: aerospace, land, and marine transportation make up this course. Learn about and complete projects in each of these areas.

NOTES

School Counseling Office (SCO)

(Located between the Auditorium and the LGI)

585-728-2214

Counseling Assignments

2010-2011

Mrs. Laura Buisch	Grade 11 (A-K)
	Grade 12 (A-K)
Mr. Timothy Bolton	Grade 11 (L-Z)
	Grade 12 (L-Z)
Mr. Matthew Nelson	Grades 9 and 10
Mrs. Jean Antkowiak	Grades 5-8
Mrs. Bridget Beardsley	Grades K-4
Mrs. Karen Oas	Scheduling/Scholarships
Mrs. Susan Elliott	Grade Reporting/Transcripts

Visit the SCO website to view this course manual online or for information about SCO Services, Emergency Hotline Info, SAT and ACT Testing Information, Resources, College and Career Information, Scholarships and much more!

<http://www.wccsk12.org/sco>

