

**SALEM CENTRAL SCHOOL
GUIDANCE OFFICE
SALEM, NY**

**JR/SR HIGH SCHOOL
COURSE DESCRIPTION
CATALOGUE**

CONTENTS

PART I JUNIOR HIGH SCHOOL

COURSE	PAGE
English	2-5
Social Studies	6-8
Math	9-11
Science	12-13
LOTE	14-17
Technology	18-19
Home & Careers	20-21
Art	22-23
Music	24-25
Health	26
Physical Education	27
Chorus	28
Band	29

PART II SENIOR HIGH SCHOOL

English	30-42
Social Studies	43-52
Math	53-66
Science	67-72
LOTE	73-80
Agriculture	81-87
Business	88-97
Home & Careers	98-101
Music	102-104
Art	105-111
Physical Education	112-113
Career & Technical Education	114-117
Service Learning	118
NYS Graduation requirements	119
NYS Testing requirements	120
The Testing Safety Net	121
High School Program Configurations	122-123
Salem High School Course Selection Form	124

COURSE: English 7

COURSE NUMBER: 007

DEPARTMENT: English

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

The elements of literature: Novels, short stories and poems

Grammar: Parts of speech

Punctuation

Capitalization

Sentence and paragraph structure

Editing and proofreading

Writing: Creative

Compare and contrast

Persuasive

Research

Editing

Vocabulary: Definitions

Usage

*The topics are not limited to those listed above.

TEXTBOOK: *“Shostak Vocabulary Workshop”, “Interactive Reader”*

READING LIST: The True Confessions of Charlotte Doyle, The Call of the Wild, My Brother Sam is Dead, I Am Regina, Mississippi Bridge, Greek Myths and Urban Legends, The Monsters are Due on Maple Street

COURSE: English 8
COURSE NUMBER: 008
DEPARTMENT: English
OFFERED TO GRADE(S): 8
CREDIT: 0 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): English 7

TOPICS TO BE COVERED*:

ELA preparation: reading, listening, writing
Vocabulary: synonyms, antonyms, word parts
Writing
Literature
Grammar
Mythology

*The topics are not limited to those listed above.

TEXTBOOK: *“Vocabulary Workshop Level C”*, *“Elements of Writing”*,
“Elements of Literature”

READING LIST: “Nightjohn”, Sarny”, “Where the Lilies Bloom”,
“Caught in the Act”, “Shades of Gray”, “In My Father’s House”,
“The Outsiders”, “A Day No Pigs Would Die”

COURSE: English 8 Honors

COURSE NUMBER: 088

DEPARTMENT: English

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): English 7 Honors

TOPICS TO BE COVERED*:

ELA preparation: reading, listening, writing
Vocabulary: synonyms, antonyms, word parts
Writing
Literature
Grammar
Mythology

*The topics are not limited to those listed above.

TEXTBOOK: *“Vocabulary Workshop Level C”*, *“Elements of Writing”*,
“Elements of Literature”

READING LIST: “Nightjohn”, Sarny”, “Where the Lilies Bloom”,
“Caught in the Act”, “The Trouble with Lemons”, “Shades of Gray”,
“Roll of Thunder Her My Cry”, “Nothing to Fear”, “In my Father’s House”
“The Outsiders”, “A Day No Pigs Would Die”, “The Giver”,
“Lyddie”, “Letters from Rifka”, “Farewell to Manzanar”.

COURSE: Social Studies 7

COURSE NUMBER: 009

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S):

TOPICS TO BE COVERED*:

Geography
Native Americans
Exploration
American colonies: Spanish, French, Dutch, English
13 English colonies
French and Indian War
American Revolution
U.S. Constitution – Constitutional convention
Presidents Washington through Polk
War of 1812
Jacksonian Era
1st political parties
Louisiana Purchase
Manifest destiny
Mexican War
Westward expansion
States rights

***The topics are not limited to those listed above.**

COURSE: Social Studies 8

COURSE NUMBER: 010

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S):

TOPICS TO BE COVERED*:

Background to the Civil War
The Civil War
Reconstruction
Settling the West
Industry
Immigration and cities
Imperialism
Reform and progressive era
World War I
1920's Changing society and economy
The Great Depression
World War II
Postwar domestic changes
Postwar foreign policy
Cold War and post Cold War

*The topics are not limited to those listed above.

TEXTBOOK: *"American Nation"*

COURSE: Social Studies 8 Honors

COURSE NUMBER: 080

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Social Studies 7 Honors

TOPICS TO BE COVERED*:

Background to the Civil War
The Civil War
Reconstruction
Settling the West
Industry
Immigration and cities
Imperialism
Reform and progressive era
World War I
1920's Changing society and economy
The Great Depression
World War II
Postwar domestic changes
Postwar foreign policy
Cold War and post Cold War

*The topics are not limited to those listed above.

TEXTBOOK: *"American Nation"*

READING LIST: None

COURSE: Math 7
COURSE NUMBER: 011
DEPARTMENT: Math
OFFERED TO GRADE(S): 7
CREDIT: 0 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Integers
Venn diagrams
Graphs
Conversions
Equations of a line
Combining like terms
Distributive property
Pythagorean Theorem
Order of operations
Solving Equations
Solving word problems
Coordinate plane
Area
Polygons
Circumference and perimeter
Volume and surface area
Proportions, ratios, rates
Similar triangles

*The topics are not limited to those listed above.

TEXTBOOK: *“Math Thematics Book 2”*

READING LIST: None

COURSE: Math 8

COURSE NUMBER: 012

DEPARTMENT: Math

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Math 7, accelerated students from grade 6

TOPICS TO BE COVERED*:

Linear equations and expressions
Perimeter, area and volume review
Pythagorean Theorem
Rational number arithmetic, exponents, order of operation
Introduction to polynomials
Angle relationships
Solve problems algebraically, numerically and graphically
Transformations
Proportions, conversions
Factoring binomials and trinomials
Percents
Review for State exam
Constructions with compass and straight edge
Multi-step inequalities
Functions
Slope, equation of a line
Quadratic equations graphing
Solve system of equations (with and without graphing calculator)

*The topics are not limited to those listed above.

TEXTBOOK: None

COURSE: Algebra

COURSE NUMBER: 324

DEPARTMENT: Math

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Math 8

TOPICS TO BE COVERED*:

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Science 7

COURSE NUMBER: 013

DEPARTMENT: Science

OFFERED TO GRADE(S): 7

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Physical science
Introduction to chemistry
Introduction to physics
Periodic table, elements and symbols
Bonding, atoms combine to make compounds
Boiling point, melting point
Laws of motion
Speed and acceleration
Nature of sound, light, magnetism

*The topics are not limited to those listed above.

TEXTBOOK: *Physical Science*, Prentice Hall, 2001

READING LIST: None

COURSE: Science 8

COURSE NUMBER: 014

DEPARTMENT: Science

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Science 7

TOPICS TO BE COVERED*:

Introductory course in life science
Scientific inquiry
Measurement
Cells
Human body
Genetics
Ecology

*The topics are not limited to those listed above.

TEXTBOOK: “*Scientific Explorer – Life Science*”, Prentice Hall

READING LIST: None

COURSE: Spanish A

COURSE NUMBER: 017

DEPARTMENT: Spanish

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Talking in Spanish, about: Leisure and vacation time
Home
Health
Community
Movies and T.V. shows
Restaurants
The environment

*The topics are not limited to those listed above.

TEXTBOOK: *“Paso a Paso, level A”*

READING LIST: None

COURSE: Spanish B

COURSE NUMBER: 018

DEPARTMENT: Spanish

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Spanish A

TOPICS TO BE COVERED*:

In Spanish, talking about:

- Friendship
- School
- Sports and leisure activities
- Food
- Family
- Clothing

*The topics are not limited to those listed above.

TEXTBOOK: “”*Paso a Paso, Level B*”

READING LIST: None

COURSE: French A

COURSE NUMBER: 015

DEPARTMENT: French

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Greetings, farewells, expressions of courtesy
Biographical information
Alphabet
Numbers
Telling time
Days, months, dates, seasons
Family
Descriptions, physical and personality
Actions
Parts of the body
Health
Food
Weather
Clothing
Colors
School
Subject pronouns

Etre
Avoir
Irregular verbs
Adjective agreement

*The topics are not limited to those listed above.

TEXTBOOK: “*Bon Voyage*”

COURSE: French B

COURSE NUMBER: 016

DEPARTMENT: French

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): French A

TOPICS TO BE COVERED*:

Vocabulary:	Home	Community
	Meals	Clothing
	Travel	Sports
	Daily routine	Leisure activities
Possessive adjectives		
Regular and irregular verbs		
Demonstrative adjectives		
Reflexive constructions		
Le Mětro		
Aller and aller plus infinitive		
Prepare for proficiency exam		

*The topics are not limited to those listed above.

TEXTBOOK: *“Bon Voyage”*

READING LIST: None

COURSE: Technology 7

COURSE NUMBER: 025

DEPARTMENT: Technology

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Safety
Measurement
History of technology
Design and problem solving; egg drop box project
Informational systems; internet project
Agriculture technology; hydroponics project
Hand tools

*The topics are not limited to those listed above.

TEXTBOOK: *“Technology Interactions”*

READING LIST: None

COURSE: Technology 8
COURSE NUMBER: 027
DEPARTMENT: Technology
OFFERED TO GRADE(S): 7
CREDIT: 0 **WEIGHT:** .5 **HONORS:** No
PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Safety
Measurement
Drafting
Manufacturing; lamp project
Structures; bridge building project
Transportation; race car project

*The topics are not limited to those listed above.

TEXTBOOK: *“Technology Interactions”*

READING LIST: None

COURSE: Home & Careers 7

COURSE NUMBER: 028

DEPARTMENT: Home Economics

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** .25 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

- The developing child:
 - Creating a good climate for raising a baby, physical, emotional social and brain development
 - Selecting child care providers
 - Appropriate and effective toys
 - Children's books
- Design a room for yourself:
 - Structural changes, furniture arrangement, color scheme, accessories
- Food and nutrition:
 - Healthy snacks, quick breads, yeast breads
- Service learning

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Home & Careers 8

COURSE NUMBER: 021

DEPARTMENT: Home Economics

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** .25 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Game of life:

Career report

Bank accounts

Purchasing a home, car

Estimating utilities, savings out of pocket spending, food budget

Balancing a budget

Paying the bills

Food and nutrition

Basic table setting

Types of meal service

Service learning

Job shadow

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Art 7

COURSE NUMBER: 024

DEPARTMENT: Art

OFFERED TO GRADE(S): 7

CREDIT: 0 WEIGHT: 1 HONORS: No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Value and shading
One point perspective
Abstract painting
Stamp design
Cut paper design
Landscapes
Art history

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST:

None

COURSE: Art 8

COURSE NUMBER: 022

DEPARTMENT: Art

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Art 7

TOPICS TO BE COVERED*:

Architecture: Frank Lloyd Wright
Floor plans
Stained glass
Abstract designs
Build a 3-D house

Abstract art Georgia O'Keefe
Abstract flowers

Sculpture Henry Moore
Paper sculpture

Mobiles Alexander Calder

Mobiles

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Music 7

COURSE NUMBER: 020

DEPARTMENT: Music

OFFERED TO GRADE(S): 7

CREDIT: 0 **WEIGHT:** .25 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Music 8

COURSE NUMBER: 029

DEPARTMENT: Music

OFFERED TO GRADE(S): 8

CREDIT: 0 **WEIGHT:** .25 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Junior High Health
COURSE NUMBER: 023
DEPARTMENT: Health
OFFERED TO GRADE(S): 7 and 8
CREDIT: 0 **WEIGHT:** .25 **HONORS:** No
PREREQUISITE(S): None

TOPICS TO BE COVERED*:

7th Grade Health

Decision making and your health
Self esteem and peer pressure
Substance abuse; drugs, alcohol and tobacco

8th Grade Health

Mental health
Social health
Human sexuality

*The topics are not limited to those listed above.

TEXTBOOK: "Teen Health"

READING LIST: None

COURSE: Physical education 7-8

COURSE NUMBER: 2

DEPARTMENT: Physical Education

OFFERED TO GRADE(S): 7 and 8

CREDIT: 0 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Flag football
Soccer
Speedball
Lacrosse
Basketball
Volleyball
Pickleball
Floor hockey
Indoor soccer
Capture the flag
Softball

Kickball

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Junior High Chorus

COURSE NUMBER: 004

DEPARTMENT: Music

OFFERED TO GRADE(S): 7 and 8

CREDIT: 0 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Junior High Band

COURSE NUMBER: 002

DEPARTMENT: Music

OFFERED TO GRADE(S): 7, 8

PREREQUITES(S): None

TOPICS TO BE COVERED*:

A variety of musical styles in a band setting.

Four Concerts

Two parades

Group Lessons

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: English I

COURSE NUMBER: 102

DEPARTMENT: English

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): English 8

TOPICS TO BE COVERED*:

Literature: Understanding the natural aspects of short stories,
novels, poetry and plays

Vocabulary: Definitions
Usage

Grammar: Parts of speech
Punctuation
Capitalization
Word usage

Research project: Note taking
Outlining
Paraphrasing

Organizing thoughts into a cohesive, well thought out essay

Oral presentations

Theme based writing, discussion and activities

***The topics are not limited to those listed above.**

TEXTBOOK: *“Arrangements in Literature, Interactive Reader”*

READING LIST: “The Pigman”, “Romeo and Juliet”, “To Kill a Mockingbird”, “The Old Man and the Sea”, “Shabanu”, “The Pearl”, selected short stories and poems, Greek mythology and urban legends

COURSE: English I Honors

COURSE NUMBER: 113

DEPARTMENT: English

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): English 8 Honors

TOPICS TO BE COVERED*:

Literature: Understanding the natural aspects of short stories, novels, poetry and plays

Debate

Vocabulary

Research and writing, MLA documentation

Theme based writing, discussion and activities

Analytical, persuasive and creative writing

Collaborative projects

Introduction to critical lense

***The topics are not limited to those listed above.**

TEXTBOOK: *“Arrangements in Literature, Interactive Reader”*

READING LIST: “Romeo and Juliet”, “To Kill a Mockingbird”, “The Old Man and the Sea”, “The Pearl”, “The Miracle Worker”, “A Raisin in the Sun”, selected short stories and poems, Greek mythology and urban legends

COURSE: English II

COURSE NUMBER: 104

DEPARTMENT: English

OFFERED TO GRADE(S): 10

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): English I

TOPICS TO BE COVERED*:

Cultural Literature: Mythology

Vocabulary

Grammar

Writing

Literature: Novels

Short stories

Poetry

*The topics are not limited to those listed above.

TEXTBOOK: *“Shostak Vocabulary, Level E”*

READING LIST: “If I Should Die Before I Wake”, “California Blue”, “Lord of the Flies”, “The Contender”, “An Abridged Odyssey”, “Taming of the Shrew”, “Animal Farm”, “Twelve Angry Men”,

COURSE: English II Honors

COURSE NUMBER: 114

DEPARTMENT: English

OFFERED TO GRADE(S): 10

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): English I Honors

TOPICS TO BE COVERED*:

Vocabulary

Grammar

Literature: Novels

Short stories

Poetry

Writing: Essay preparation for the ELA

Listening comprehension

Literary analysis

Data analysis

Expression of ideas

Journal: Creative writing

Poetry
Prose
Cultural literature

*The topics are not limited to those listed above.

TEXTBOOK: “*Shostak Vocabulary, Level E*”

READING LIST: “Animal farm”, “A Separate Piece”, “Lord of the Flies”, “If I Should Die Before I Wake”, “The Crystal Cave”, “The Odyssey”, “Taming of the Shrew”, “Inherit the Wind”, “Twelve Angry Men”.

COURSE: English III

COURSE NUMBER: 105

DEPARTMENT: English

OFFERED TO GRADE(S): 11

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): English II

TOPICS TO BE COVERED*:

Reading: American literature
Novels, read, comprehend, critique
Understand relationships among American literature and culture
Language devices; describe the use of language devices to convey the authors intent and viewpoint

Poetry: Read, comprehend, critique
Identify and discuss elements and techniques such as imagery, symbolism, word choice, sound devices

Plays: Read, comprehend, critique

One Shakespearean play studied concurrently with a visual

Vocabulary

Writing: For information, factual
Persuasive, opinion, analytical, compare and contrast

Grammar usage

Research paper: Research techniques, controversial topic,
formulate and justify opinion

***The topics are not limited to those listed above.**

TEXTBOOK: *“Shostak Vocabulary Workshop Level F”*

READING LIST: The Crucible
The Secret Life of Bees

COURSE: English III, continued

READING LIST: The Catcher in the Rye
Hamlet
The Things They Carried
The Glass Menagerie
The Iliad
Selected short stories, poems, essays
The Great Gatsby
Of Mice and Men

COURSE: English III Honors

COURSE NUMBER: 108

DEPARTMENT: English

OFFERED TO GRADE(S): 11

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): English II Honors

TOPICS TO BE COVERED*:

- Reading: American literature
Novels, read, comprehend, critique, analyze
Understand relationships among American literature and culture
Language devices; describe the use of language devices to convey the authors intent and viewpoint
- Poetry: Read, comprehend, critique, analyze
Identify and discuss elements and techniques such as imagery, symbolism, word choice, sound devices
- Plays: Read, comprehend, critique, analyze

One Shakespearean play studied concurrently with a visual

Vocabulary

Writing: For information, factual, extensive
Persuasive, opinion, analytical, compare and contrast

Grammar usage

Research paper: Research techniques, controversial topic,
formulate and justify opinion

***The topics are not limited to those listed above.**

TEXTBOOK: *“Shostak Vocabulary Workshop Level F”*

COURSE: English III, continued

READING LIST: The Adventures of Huckleberry Finn
The Catcher in the Rye
Hamlet
The Things They Carried
The Glass Menagerie
The Iliad
The Great Gatsby
Of Mice and Men
The Secret Life of Bees
Selected short stories, poems, essays
Fences
The love Song of J. Alfred Prufrock
The Crucible

COURSE: English IV
COURSE NUMBER: 106
DEPARTMENT: English
OFFERED TO GRADE(S): 12
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): English III

TOPICS TO BE COVERED*:

College essay
College resume
Writing: MLA format
 APA format
 Literary essay
 Research
Grammar
Teaching unit/ oral presentation

*The topics are not limited to those listed above.

TEXTBOOK: “*Vocabulary Workshop level G/Level H*”, “*British and Western Literature*”, “*Wariners Complete Course*”

READING LIST: “Macbeth”, “Childhood’s End”, “Out of the Silent Planet”, “The Handmaid’s Tale”, “Stranger in a Strange Land”, “QB VII”, “Night”, “One Flew Over the Cuckoo’s Nest”, “Great Expectations”, “Witness for the Prosecution”, “Arsenic and Old Lace”

COURSE: AP English Literature

COURSE NUMBER: 111

DEPARTMENT: English

OFFERED TO GRADE(S): 12

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): English III Honors

TOPICS TO BE COVERED*:

- Reading: Intensive study of a variety of genres and time periods, 1600’s to the present
Complex literature and the literary techniques used to convey themes
- Writing: Extensive, formal analytical essays, some practiced under AP exam time constraints
Informal “reader response” essays
Critical essays based on research of outside analytical sources

Command of vocabulary, sentence variety and structure
Vocabulary

*The topics are not limited to those listed above.

TEXTBOOK: Perrine, *“Literature Structure, Sound and Sense”*
“Shostak Vocabulary Workshop, Level G,H”

READING LIST:

Their Eyes Were Watching God	Middle passage
The Sound and the Fury	Oedipus
A Prayer for Owen Meany	Othello
Heart of Darkness	Death of a Salesman
The Awakening	Waiting for Godot
Selected short stories, poems, essays	

COURSE: Written Communication

COURSE NUMBER: 109

DEPARTMENT: English

OFFERED TO GRADE(S): 12

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): Senior elective

TOPICS TO BE COVERED*:

College type essays:	Process
	Persuasive
	Expository
	Informative
	Definition
	Classification
Creative writing:	Poetry
	Prose
	Short story

Narratives

Writing mechanics
Literary devices studied and encouraged
Creativity stressed and shared

*The topics are not limited to those listed above.

TEXTBOOK: *“Models for Clear Writing”*

READING LIST: None

COURSE: Oral Communication

COURSE NUMBER: 110

DEPARTMENT: English

OFFERED TO GRADE(S): 12

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): Senior elective

TOPICS TO BE COVERED*:

Basic public speaking skills: Introduction of a speaker
Critiques
Book reviews
Prepared Readings

Demonstrative speeches
Informative speeches
Persuasive speeches
Definition speeches

The organization and preparation for speech making
Suggestions for ease of public speaking
Storytelling
Teaching experience
Public speaking experience

*The topics are not limited to those listed above.

TEXTBOOK: “*An Introduction to Public Speaking*”

READING LIST: Various famous speeches

COURSE: AIS- English

COURSE NUMBER: 860

DEPARTMENT: English

OFFERED TO GRADE(S): 7, 8, 9, 10, 11

CREDIT: 0 **WEIGHT:** 0 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED:

Students are assigned to AIS English if they have score at a level 1 or 2 on the English test of New York State standards (TONYSS).

By law, students assigned to AIS must remain in AIS until they have scored above level 2 on the English TONYSS, or passed the English

COURSE: Global Studies I

COURSE NUMBER: 202

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Social Studies 8

TOPICS TO BE COVERED*:

Beginnings of civilization
First civilizations in Africa & Asia
Religions of the world
Philosophies of the world
Early civilizations in India and China
Ancient Greece
Ancient Rome

Civilizations of the Americas
Middle Ages and Europe; Role of the Church
High Middle Ages/ Renaissance in Europe
Byzantine Empire and Russia
Golden age of Muslim culture
Kingdoms and trading States of Africa
Development of East Asian civilization
Feudalism in Europe and Asia
Age of absolutism and development of monarchs in Europe, Austria,
Prussia and Russia

*The topics are not limited to those listed above.

TEXTBOOK: Ellis and Ester, "*World History-Connections Today*", Prentice Hall.

READING LIST: Regents review book, DBQ readings and vocabulary

COURSE: Global I Honors

COURSE NUMBER: 212

DEPARTMENT: Social studies

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Social Studies 8 Honors

TOPICS TO BE COVERED*:

Geography
Ancient river valley civilizations
Ancient Egypt
Mesopotamia
Ancient India
Ancient China

Rise of Latin American Nation
Between the wars – 1919 to 1939
Nationalism around the world – 1919 to 1939
World War II
Toward global civilization – 1945 to the present:
Cold War and post war changes
Western world
Latin America
Africa
Middle East
Asia and the Pacific
Global challenges

*The topics are not limited to those listed above.

TEXTBOOK: *“World History”*, Glencoe

COURSE: Global II Honors

COURSE NUMBER: 213

DEPARTMENT: Social studies

OFFERED TO GRADE(S): 10

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Global I Honors

TOPICS TO BE COVERED*:

Revolution & Enlightenment
French revolution and Age of Napoleon
Industrialization
Nationalism
Imperialism: Colonial rule in Southeast Asia, Africa, India.

Rise of Latin American Nation
Between the wars – 1919 to 1939
Nationalism around the world – 1919 to 1939
World War II
Toward global civilization – 1945 to the present:
Cold War and post war changes
Western world
Latin America
Africa
Middle East
Asia and the Pacific
Global challenges

*The topics are not limited to those listed above.

TEXTBOOK: *“World History”*, Glencoe

COURSE: United States History

COURSE NUMBER: 206

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 11

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Global II

TOPICS TO BE COVERED*:

Geography of the United States

Constitutional development

Industrialization

Progressivism
1920 + Depression
World War II
Cold War to the present

***The topics are not limited to those listed above.**

TEXTBOOK: *“American Vision”*

READING LIST: None

COURSE: Government

COURSE NUMBER: 208

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 12

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): United States History

TOPICS TO BE COVERED*:

Principles of Government
Origins of American government
Understanding the Constitution
Examining federalism and interstate relations
Role of political parties in American history
Voting and voting behavior

The electoral process
Mass media and public opinion
Interest groups and what they do
Congress; organization and powers
Presidency; organization, powers and action
Government bureaucracy at work
Process of a bill becoming a law
Federal court system
Civil liberties; amendment rights and freedoms

*The topics are not limited to those listed above.

TEXTBOOK: McCleneeghan, *"Magruder's American Government"*

READING LIST: Summary articles on course topics.

COURSE: Economics

COURSE NUMBER: 209

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 12

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): United States History

TOPICS TO BE COVERED*:

What is economics?
Economic systems
How markets work: supply, demand and price
Market structures
Business organizations

Labor and labor unions
Money and banking
Finance markets
Gross domestic product and growth
Economic challenges faced by world nations
Taxes and government spending
Federal Reserve and money policy
International trade

***The topics are not limited to those listed above.**

TEXTBOOK: O'sullivan and Sheffrin, "*Economics/Principles in Action*", Prentice Hall.

READING LIST: None

COURSE: AP United States History

COURSE NUMBER: 211

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 11, 12

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Global II Honors, Required summer assignment

TOPICS TO BE COVERED*:

Founding of the Nation – 33,000 BC to 1783 AD

Building of the Nation – 1776 to 1860

Testing the Nation – Civil War 1820 to 1877

Industrialization 1869 to 1909

Progressivism to World War II 1921 to 1945

Modern times 1945 to the present

***The topics are not limited to those listed above.**

TEXTBOOK: *“The American Pageant”*

READING LIST: Burr, Uncle Tom’s Cabin, Grapes of Wrath,
Hiroshima

COURSE: AP Government

COURSE NUMBER: 214

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 11, 12

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Global II Honors, Required summer
assignment.

TOPICS TO BE COVERED*:

American System

Interest Groups

Institutions of Government

Public Policy

Nature of American Democracy

***The topics are not limited to those listed above.**

TEXTBOOK: Wilson & Dilulo, *"American Government"*

READING LIST: None

COURSE: AIS- Social Studies

COURSE NUMBER: 866

DEPARTMENT: Social Studies

OFFERED TO GRADE(S): 7, 8, 9, 10, 11

CREDIT: 0 **WEIGHT:** 0 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED:

Students are assigned to AIS Social Studies if they have score at a level 1 or 2 on the Social Studies test of New York State standards (TONYSS).

By law, students assigned to AIS must remain in AIS until they have scored above level 2 on the next TONYSS, or passed the

Global History Regents exam and the United States History exam.

COURSE: Algebra

COURSE NUMBER: 324

DEPARTMENT: Math

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Math 8

TOPICS TO BE COVERED*:

- The real numbers
- Operations and properties of numbers
- Problem solving strategies
- Algebraic expression, formulas and open sentences
- Signed numbers
- Introduction to solving equations

Logic
 Operations with algebraic expressions
 First degree equations and inequalities with one variable
 Angle measure in geometry
 Congruence and transformations
 Ratio and proportion
 Probability, Statistics
 The counting principle, permutation and combinations
 Graphing linear functions and relations
 Systems of linear open sentences in two variables
 Special products and factors
 Algebraic fractions, equations and inequalities involving
 factions
 Operations with radicals
 Quadratic equations
 Trigonometry of the right angle
 Locus
 Constructions
 *The topics are not limited to those listed above.

TEXTBOOK:

COURSE: Math A1

COURSE NUMBER: 328

DEPARTMENT: Math

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Math 8

TOPICS TO BE COVERED*:

Numbers and Operations
 Logic
 Solving Equations
 Solving inequalities

Basic concepts with geometry
Congruent triangles
Polynomials and factoring
Rational and irrational numbers
Ratios and similarity
Probability
Statistics
Lines and their equations
Systems of linear equations

*The topics are not limited to those listed above.

TEXTBOOK: “*Unified mathematics*”, “*Integrated Mathematics*”,
Houghton Mifflin.

READING LIST: None

COURSE: Geometry

COURSE NUMBER: 325

DEPARTMENT: Math

OFFERED TO GRADE(S): 9, 10, 11, 12

PREREQUISITE(S): Algebra, Applied Geometry

TOPICS TO BE COVERED*:

Introducing geometry and coordinates
Proving statements in geometry
Triangle congruence
Geometric inequalities
Perpendicular and parallel lines
Quadrilaterals

Ratio, proportion and similarity
Algebraic fractions, operations, and equations
Graphing functions and relations
Quadratic equations
Probability and statistics
Pythagorean Theorem
Trigonometry of the right angle
Coordinate proof
Locus
Transformations
Functional notation
Complex fractions

*The topics are not limited to those listed above.

TEXTBOOK: *“Integrated Mathematics, 3rd Edition”*. AMSCO

READING LIST: None

COURSE: Math A2

COURSE NUMBER: 329

DEPARTMENT: Math

OFFERED TO GRADE(S): 10, 11, 12

PREREQUISITE(S): Math A1

TOPICS TO BE COVERED*:

Operations with algebraic expressions
Equations/Inequalities
Angle measure and geometry
Ratio and proportion
Congruence and transformations
Statistics, circle graphs, scatter plots

Algebraic fractions
Graphing linear functions
Systems of linear (2 variables)
Products/Factors
Quadratic equations and circle
Operations with radicals
Trigonometry of right triangles
Probability
Permutation/Combinations
Locus/Constructions

***The topics are not limited to those listed above.**

TEXTBOOK: “*Mathematics A*”. AMSCO

READING LIST: None

COURSE: Applied Geometry

COURSE NUMBER: 330

DEPARTMENT: Math

OFFERED TO GRADE(S): 10, 11, 12

PREREQUISITE(S): Math A2, Algebra

TOPICS TO BE COVERED*:

Review
Logic; including proofs
Geometry and proof; lines, angles, congruence, triangles, CPCTC
Parallel lines
Quadrilaterals (algebraic)

Polynomials and rational expressions; sums, difference, products, quotients
 Quadratic equations; solving by factoring, solving fractional equations, solve by square root
 Similarity; triangle proportionality theorem, areas of similar polygons, application
 Right triangles: similar right triangles, Pythagorean Theorem, special right angles, trig ratios
 Construction and Loci
 Coordinate Geometry; distance formula, midpoint formula, slope of a line, writing equation of a line, proofs, graphing systems of lines, solving systems of linear equations algebraically
 Quadratic equations in two variables; circles, hyperbolas, ellipse, solve graphically and algebraically

*The topics are not limited to those listed above.

TEXTBOOK: “*Unified Mathematics*”, AMSCO

READING LIST: None

COURSE: Trigonometry

COURSE NUMBER: 326

DEPARTMENT: Math

OFFERED TO GRADE(S): 11

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Geometry

TOPICS TO BE COVERED*:

Absolute value equations (solutions of)
 Absolute value inequalities (solutions of)
 Ambiguous case (finding # of distinct triangles)

Amplitude (finding the amplitude of a trig function)

Area of a triangle ($K = \frac{1}{2}ab\sin C$)

Axis of symmetry of a parabola

Bernoulli type probability

Binomial expansion (Pascal's triangle)

Circle formula

Circle formulas for angles (central, inscribed, tangent & chord, intersecting chords, intersecting secants or tangents)

Circle formulas for lengths of segments (intersecting chords, intersecting secants)

Complex fractions (two methods of simplification)

Composition of functions

Conjugate

Coterminal angles

Determinant

Equations with radicals (solutions of)

Exact values for sine & cosine for angles measuring 30° , 45° , and 90°

Field properties

Formula for sum and difference of roots of a quadratic equation

Function test (horizontal line tests if function is one to one)

Function test (vertical line tests if graph is a function)

COURSE: Trigonometry, continued

Geometric proofs (specifically proofs related to circle formulas)

Graphing calculator (finding the appropriate window, max, min and zeros of a function)

Graphing calculator and statistics (mean, standard deviation, best fit line or curve)

Group properties

Imaginary and complex numbers

Inverse of a function (how to find)

Inverse variation and hyperbolas

Law of cosines

Law of sines

Normal distribution and curve

Period (finding the period of a trig function)

Quadratic inequalities (solution of)
 Radian measure ($S=r\theta$, conversions between degree and radian
 measure)
 Reference angles
 Solving exponential equations (two methods)
 Solving logarithm equations
 Transformations (line reflection, rotation, translation, dilation,
 glide)
 Trig functions
 Trig formulas (sum and difference, double angle, half angle)
 Trig identities (include “our best friend”)
 Unit circle (how cosine and sine are related to x & y
 coordinates of a unit circle)

*The topics are not limited to those listed above.

TEXTBOOK:

READING LIST: None

COURSE: Introduction to Calculus

COURSE NUMBER: 327

DEPARTMENT: Math

OFFERED TO GRADE(S): 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Trigonometry

TOPICS TO BE COVERED*:

Algebra: Simplifying expressions, equivalent expressions
 Domain and range functions
 Odd and even functions

Solve absolute value inequalities
Composition of functions, domain and range
Transformations with functions
Inverse functions
Find all rational, real and complex zeroes of polynomial functions
Power function vs. Exponential function
Natural logarithm
Rational Functions (Investigate algebraically, numerically and graphically)
Partial fraction decomposition
Complex number arithmetic: vector and trigonometric form
Roots and powers of complex numbers
DeMoivre's formula
Sequences defined explicitly or recursively
Arithmetic and geometric sequences
Summation of arithmetic and geometric series
Mathematical induction
Complex number arithmetic
Roots and powers of complex numbers

COURSE: Introduction to Calculus, continued

The Graphing Calculator:

Graphing functions in an appropriate window
Finding minimum and maximum values

Finding intersections of functions
Using the methods above to solve application problems
 Newton's Law of Cooling
 Compound interest
 Annuities and loans
Program graphs of Ferris Wheel
Program cases of law of sines and cosines

SAT Review:

Format of exam & scoring strategies
Use of calculators and time on exam

Parametric Equations:

Graph using calculator
Model problems with parametric equations
Circles
Projectile motion
Ferris Wheel

Trigonometry:

Unit circle
Applications with triangle geometry
Law of sines and Law of cosines
Sum and difference identities
 $\frac{1}{2}$ and double angle identities
Solve trigonometric equations
Transformations (Graphs) of trigonometric functions
General sinusoids
Applications of sinusoids
Summation of two sinusoids
Inverse trigonometric functions
Applications with vectors

Polar Coordinates:

Graphs of polar coordinate equations
Relationship between (x,y) and $(r,0)$

COURSE: Introduction to Calculus, continued

Convert equations between polar coordinates and
rectangle coordinates

Matrices: Coefficient matrix, augmented matrix
Elementary row operations, row echelon form
Adding and multiplying matrices
Find inverse of 2×2 matrix and solve $AX=B$
Use calculator to find inverse and solve $AX=B$
Applications with system of equations
Code theory

Introduction to Calculus:

Limits
Continuous functions
Definition of derivation
Applications of derivative
Antiderivative

Definite integral
Fundamental theorem of calculus

*The topics are not limited to those listed above.

TEXTBOOK:

READING LIST: None

COURSE: AP calculus AB

COURSE NUMBER: 309

DEPARTMENT: Math

OFFERED TO GRADE(S): 12

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Introduction to Calculus

TOPICS TO BE COVERED*:

Functions, graphs and limits:
Limits of functions
Asymptotic and unbounded behavior

Comparing relative magnitudes of functions and their rates of change
Continuity as a property of functions
An intuitive understanding of continuity
Understanding continuity in terms of limits
Geometric understanding of graphs of continuous functions
Intermediate value theorem and extreme value theorem

Derivatives:

Derivatives presented graphically, numerically and analytically
Derivative interpreted as an instantaneous rate of change
Derivative defined as the limit of the difference quotient
Relationship between differentiability and continuity
Slope of a curve at a point
Tangent line to a curve at a point and local linear approximation
Instantaneous rate of change as the limit of average rate change
Approximate rate of change from graphs and tables of value
The mean value theorem and its geometric consequences
Equations involving derivatives. Verbal descriptions are translated into equations involving derivatives and vice versa
Corresponding characteristics of the graphs of f , f' , f''
Points of reflection as places where concavity changes
Analysis of curves, including monotonicity and concavity
Optimization, both absolute (global) and relative (local) extrema

COURSE: AP Calculus, continued

Relationship between the concavity of f and the sign of f'
Modeling rates of change, including related rates problems
Use of implicit differentiation to find the derivative of an inverse function
Interpretation of the derivative as a rate of change in varied applied contexts, including velocity, speed and acceleration
Knowledge of derivatives of basic functions, including power, exponential, logarithmic, trigonometric and inverse trigonometric functions
Basic rules for the derivative of sums, products, and quotients of functions
Chain rule and implicit differentiation

Integrals:

Computations of Riemann sums using left, right and midpoint evaluation points
Definite integral as a limit of Riemann sums over equal subdivisions
Definite integral of the rate of change of the quantity over the interval interpreted as the change of the quantity over the interval
Basic properties of definite integrals
Applications of integrals (finding the area of a region, volume of a solid with known cross sections, the average value of a function and the distance traveled by a particle along a line)
Use of the Fundamental Theorem of Calculus to evaluate definite integrals
Use of the fundamental Theorem to represent a particular Antiderivative and the analytical and graphical analysis of function so defined.
Techniques of antidifferentiation following directly from derivatives of basic functions and by substitution of variables (including change of limits for definite integrals)
Finding specific antiderivatives using initial conditions including applications to motion along a line

COURSE: AP Calculus, continued

Solving separable differential equations and using them in modeling, in particular, studying the equation $y' = ky$ and exponential growth.
Use of Riemann and trapezoid sums to approximate definite integrals of functions represented algebraically, graphically and by tables of values
Geometric interpretation of differential equations via slope fields and the relationship between slope fields and the solution curves for differential equations

*The topics are not limited to those listed above.

TEXTBOOK: Hughes-Hallett, Gleason, et al, *Calculus Single Variable, Second Edition*

READING LIST:

None

COURSE:

AIS - Math

COURSE NUMBER:

862

DEPARTMENT:

Math

OFFERED TO GRADE(S):

7, 8, 9, 10

CREDIT: 0

WEIGHT: 0

HONORS: No

PREREQUISITE(S):

None

TOPICS TO BE COVERED:

Students are assigned to AIS Math if they have score at a level 1 or 2 on the Math Test of New York State Standards (TONYSS).

By law, a student assigned to AIS remains in AIS until

The student has scored above level 2 on the next TONYSS, or passed the Math A exam.

COURSE: Biology
with laboratory

COURSE NUMBER: 406/407

DEPARTMENT: Science

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Science 8

TOPICS TO BE COVERED*:

Nature of science
Biochemistry

Enzymes
Cells
Photosynthesis
Cellular respiration
Mitosis and meiosis
Genetics
DNA and RNA
Genetic engineering
The human genome
Body systems
Evolution
Ecology

***The topics are not limited to those listed above.**

TEXTBOOK: Miller and Levine, "*Biology*", Prentice Hall, 2006.

READING LIST: None

COURSE: Earth Science
with laboratory

COURSE NUMBER: 402/403

DEPARTMENT: Science

OFFERED TO GRADE(S): 10

PREREQUISITE(S): Biology

TOPICS TO BE COVERED*:

Physical earth: dimension
make-up
environmental changes

Measurements
Mapping
Astronomy
Meteorology
Weathering /Erosion
Rocks
Minerals
Geological history
Climate

***The topics are not limited to those listed above.**

TEXTBOOK: “*Earth Science/Physical Setting*”, Glencoe.

READING LIST: None

COURSE: Chemistry
with laboratory

COURSE NUMBER: 408/409

DEPARTMENT: Science

OFFERED TO GRADE(S): 11

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology and Earth Science

TOPICS TO BE COVERED*:

Atomic structure
Chemical bonding
Stoichiometry
Thermo-chemistry
Aqueous solutions
Mores
Kinetics/equilibrium
Acids/bases/salts
Oxidation – reduction Rx's
Electrochemistry
Organic chemistry
Nuclear chemistry

*The topics are not limited to those listed above.

TEXTBOOK: “*Chemistry, 5th Edition*”, Addison Wesley

READING LIST: None

COURSE: Physics w/Lab

COURSE NUMBER: 410/411

DEPARTMENT: Science

OFFERED TO GRADE(S): 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology, Earth and Chemistry

TOPICS TO BE COVERED*:

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: AP Biology
with laboratory

COURSE NUMBER: 415/416

DEPARTMENT: Science

OFFERED TO GRADE(S): 12

CREDIT: 1 **WEIGHT:** x1.05 **HONORS:** Yes

PREREQUISITE(S): Biology and Chemistry

TOPICS TO BE COVERED*:

Ecology
Cell Biology
Genetics
Evolution
Plants
Animals

*The topics are not limited to those listed above.

TEXTBOOK: “*Biology, 6th Edition*”, Campbell//Reece

READING LIST: None

COURSE: AIS - SCI

COURSE NUMBER: 864

DEPARTMENT: Science

OFFERED TO GRADE(S): 7, 8, 9

CREDIT: 0 **WEIGHT:** 0 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED:

Students are assigned to AIS Science if they have score at a level 1 or 2 on the Science Test of New York State Standards (TONYSS).

By law, a student assigned to AIS must remain in AIS until the student has scored above level 2 on the next TONYSS, or passed a science Regents exam.

COURSE: French I

COURSE NUMBER: 501

DEPARTMENT: French

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

- Vocabulary: Greetings, farewells, courtesies
- Biographical information
- Numbers
- Telling time
- Family
- House
- Community
- School
- Descriptions
- Meal taking
- Days, months, seasons
- Weather
- Clothing
- Body, health
- Activities
- Structure: Subject pronouns
- Present tense, regular and irregular verbs
- Near future
- Recent past
- Adjective agreement
- Negation

*The topics are not limited to those listed above.

TEXTBOOK: “*Discovering French – Bleu*”

COURSE: French II

COURSE NUMBER: 502

DEPARTMENT: French

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): French I or equivalent

TOPICS TO BE COVERED*:

Review of vocabulary and structures
Forming the passé composé
Forming the imparfait
Distinguishing between the user of the passé composé and imparfait
Distinguishing between the user of savoir and connaitre
Use of object pronouns
Forming the future tense
Reflexive constructions
Country and city vocabulary

*The topics are not limited to those listed above.

TEXTBOOK: *Discovering French – Blanc*

READING LIST: None

COURSE: French III

COURSE NUMBER: 503

DEPARTMENT: French
OFFERED TO GRADE(S): 10
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): French II

TOPICS TO BE COVERED*:

Review vocabulary and structures
Physical and emotional traits
Daily routine, toiletries, reflexive constructions
Chores, tools, shapes
Vacation, travel
Shopping
Relationships
Professional life
Song lyrics, listening and reading comprehension
Relative pronouns
Present participles
History, art, film
Subjunctive, formation and uses

*The topics are not limited to those listed above.

TEXTBOOK:”*Discovering French – Rouge*””

READING LIST: Sans Famille
 Le Vol de la Joconde

COURSE: French IV

COURSE NUMBER: 504

DEPARTMENT: French
OFFERED TO GRADE(S): 11
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): French III

TOPICS TO BE COVERED*:

Culture: History/historical figures
Francophone world
Impressionism
Music
Cuisine
Film
Literature
Vocabulary
Films: “Au Revoir les Enfants”, “La Gloire de Mon Père”,
“Le Château de Ma Mère”, “La Belle et la Bête”
Project: Videos, Puppet show, Talk show, Kiddie lit, Planets,
Yearbook or newspaper

*The topics are not limited to those listed above.

TEXTBOOK: “*Drôle d’Equipe Series*”

READING LIST: Le Petit Prince
Le Tour de Monde en 80 Jours
Le Fantôme de l’Opera

COURSE: Spanish I

COURSE NUMBER: 505

DEPARTMENT: Spanish

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S):

TOPICS TO BE COVERED*:

Levels A and B are the equivalent of Level I

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Spanish II

COURSE NUMBER: 506
DEPARTMENT: Spanish
OFFERED TO GRADE(S): 9
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): Spanish A and B or Level I

TOPICS TO BE COVERED*:

Focus on communication
Grammar
Reading
Mastery of basic discourse

*The topics are not limited to those listed above.

TEXTBOOK: *“Paso A paso, 2”*

READING LIST: Various fairy tales and short stories

COURSE: Spanish III

COURSE NUMBER: 507

DEPARTMENT: Spanish

OFFERED TO GRADE(S): 10

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Spanish II

TOPICS TO BE COVERED*:

Explore abstract concepts through original texts
Grammar
Communicate with confidence
Role play

*The topics are not limited to those listed above.

TEXTBOOK: *Spanish for Mastery, 3*

READING LIST: Literature from the text and various short stories and poetry

COURSE: Spanish IV

COURSE NUMBER: 508

DEPARTMENT: Spanish

OFFERED TO GRADE(S):

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Spanish III

TOPICS TO BE COVERED*:

Identity – What forms the identity of a country? , of an individual?
Imagination, history, love, propaganda and democracy are other
abstract concepts that will be explored through the use of authentic
texts

In Latin America: Indigenous community, colonization,
independence, political transition and current events

In Spain: The middle ages, The Golden age, colonization, the civil
war

*The topics are not limited to those listed above.

READING LIST: Fernando de Rojas, “La Celestina”, Articles
and discoveries from Simon Boliivar, Jose Marti, Che Guevara, Eva
Morales

COURSE: Fisheries and Wildlife

COURSE NUMBER: 601

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology and Earth Science plus a third science course.

TOPICS TO BE COVERED*:

History of wildlife in New York State
Principles of ecology
Agriculture and wildlife
Wildlife resources and the human connection
Water quality
Freshwater fishes
Anadromous and diadromous fishes
Saltwater fishes and fauna
Reptiles, amphibians, mammals and waterfowl
Game birds and song birds
Birds of prey
Responsible management of wildlife resources
Career exploration
Current issues in wildlife

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Agriculture I
COURSE NUMBER: 606
DEPARTMENT: Agriculture
OFFERED TO GRADE(S): 9, 10, 11, 12
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): None

TOPICS TO BE COVERED*:

History of agriculture
Agriculture as an industry
Food science and safety
Business concepts in agriculture
Personal skills and citizenship
Career preparation skills
FFA and leadership
Public speaking
Introduction to animal science
Plant science and agronomy
Natural resources
Career exploration
Agriculture safety

*The topics are not limited to those listed above.

TEXTBOOK: Morgan, Lee and Wilson, *“Agri-Science Explorations”*,
Pearson – Prentice Hall Interstate

READING LIST: None

COURSE: Animal Science

COURSE NUMBER: 608

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology and Earth Science; can be taken simultaneously with Earth Science.

TOPICS TO BE COVERED*:

- The importance of animals
- Animals as organisms
- Nutrition and feeding
- Animal health
- Reproduction
- Biotechnology
- Veterinary terminology
- Sheep and goats
- Dairy production
- Poultry production
- Aquatic animals
- Horses and draft animals
- Dogs, cats, birds, rodents and exotic pets
- Career exploration
- Current issues

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Environmental Science

COURSE NUMBER: 619

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology and Earth Science, may be taken simultaneously with Earth Science.

TOPICS TO BE COVERED*:

Introduction to environmental science
Applying science to solve problems
Ecosystems and Biomes
Population ecology
Soils, land use and forestry
Pest management
Air quality
Energy
Waste management
Wildlife
Water Quality
Careers
Current issues

*The topics are not limited to those listed above.

TEXTBOOK: Arms, Karen, “*Environmental Science*”, Holt, Rinehart & Winston.

READING LIST: None

COURSE: Landscape and Greenhouse Management

COURSE NUMBER: 616

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology, Earth Science, plus third science course.

TOPICS TO BE COVERED*:

- Landscaping through the seasons
- Safety in the workplace
- The landscape construction process
- Construction math
- Site design and layout
- Drawing tools, lettering and symbols
- Using plants in landscaping (selecting plants)
- Design project
- Greenhouse industry
- Types of plant growing structures
- Effects of the environment on plant growth
- Growing media, nutrition and watering
- Plant propagation
- Greenhouse management project

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Plant Science

COURSE NUMBER: 614

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology and Earth Science; may be taken simultaneously with Earth Science.

TOPICS TO BE COVERED*:

- Plants and soil in production agriculture
- Plant parts
- Plant production
- Soil formation
- Land classification
- Soil fertility
- Irrigation
- Hydroponics
- Plant pests, Grain crops, and Sugar and oil crops, Fiber crops
- Forage and turf crops
- Vegetable, fruit and nut crops
- Ornamental Crops
- Forestry
- Career exploration
- Current issues

*The topics are not limited to those listed above.

TEXTBOOK: Biondo and Lee, *“Introduction to Plant and Soil Science”*,
Interstate Publishing.

READING LIST: None

COURSE: Pre – Veterinarian Science

COURSE NUMBER: 603

DEPARTMENT: Agriculture

OFFERED TO GRADE(S): 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): Biology & Earth Science, plus a third science

TOPICS TO BE COVERED*:

- Safety and sanitation
- Veterinary terminology
- Anatomy and physiology
- Clinical exams
- Hospital procedures
- Parasitology
- Office management
- Posology
- Laboratory techniques
- Animal nutrition
- Principles of disease
- Diagnosing disease
- Preventing disease
- Animals and society
- Career exploration
- Animal management

*The topics are not limited to those listed above.

TEXTBOOK: Lawhead & Baker, *“Introduction to Veterinary Science”*,
Thompson Delmar Learning.

READING LIST: None

COURSE: Introduction to Occupations

COURSE NUMBER: 620

DEPARTMENT: Business

OFFERED TO GRADE(S): 9

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Business systems: Needs, wants, supply, demand

Business transactions: Exchange, circular flow, goods, services,
income

Business and you: Role as customer, employee, seller, and employer

Employment: Skills, attitudes, talents and goals

Personal characteristics of employment

On the job: Laws and regulations, productivity and satisfaction,
organized labor

Job selection process: Employment information, education and
training to find and keep a job, personal competencies, job acquisition

Personal resource management: Human and economic goals
determination, lifestyle analysis

Human resources: Time management, value, improvement

Economic resources: Financial responsibility, budget, savings,
banking, taxes, credit ratings

Consumer decisions: Cash, credit, types of credit

Major purchases: Auto, house, health care, education, consumer fraud

*The topics are not limited to those listed above.

TEXTBOOK: *“Succeed in the World of Work”*, Glencoe 2003.

COURSE: Computer Skills

COURSE NUMBER: 631

DEPARTMENT: Business

OFFERED TO GRADE(S): 9

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Keyboarding
Microsoft Word©
Microsoft PowerPoint©
Microsoft Excel©
Adobe Photo Shop©

*The topics are not limited to those listed above.

TEXTBOOK: *“Computing Fundamentals, 5th Edition”*, Glencoe
“Century 21 Keyboarding”, Southwestern

COURSE: Computer Applications

COURSE NUMBER: 623

DEPARTMENT: Business

OFFERED TO GRADE(S): 9, 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Computer systems and applications
Business database applications
Business spreadsheet applications
Business graphics applications
The computer, society and the individual
Computer programming/Web page design

*The topics are not limited to those listed above.

TEXTBOOK: various publications

READING LIST: None

COURSE: Marketing
COURSE NUMBER: 626
DEPARTMENT: Business
OFFERED TO GRADE(S): 10, 11, 12
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Marketing channels
Middlemen
Value added marketing
Components of the distribution system
Careers in selling
Marketing research
Types and methods of marketing research
Marketing institutions
Customer service
General store procedures
Entry-level positions in store operations and merchandising
Buying and pricing merchandise
Customer buying motives
Pre-sale presentation, selling, obligation of the seller sales promotion
Types and methods of marketing research
Developing the research report, planning and collection of data
Types and purposes of sales promotions
Creating a display, interior and exterior, advertising media, layout
Legal and social implications
Careers in advertising

The topics are not limited to those listed above.

TEXTBOOK: “*Marketing*”, Southwestern Publishing

READING LIST: None

COURSE: Math and Finance

COURSE NUMBER: 629

DEPARTMENT: Business

OFFERED TO GRADE(S): 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Terminology and procedures:

Compensation plans; salary hourly piecework, commission, overtime, gross vs., net pay

Deductions, taxes, FICA, Fed tax, State tax, voluntary deduction, mandatory deduction

Benefits/cost; job benefit analysis

Tax preparation, Federal and State tax preparation

Health insurance cost benefit analysis

Simple interest formula

Compound interest formula

Maturity dates

Time calculations

Finding the time or rate

Compounds; daily, monthly, quarterly, semiannually and annual

Budget/construction analysis:

Forecasting for needs and goals

Methods of depreciation

Reasons for depreciation

Guidelines from IRS – Method determination

Electronic banking and software applications:

Types of checking accounts

Interpreting account records
Mortgages, rates, term calculations, amortization
Types of mortgages

COURSE: Math and Finance, continued

Second mortgage
Student loans/financial aid
Owning vs. renting real property
Auto purchase vs. auto lease
Personal loans

Checking your credit rating:

Theft and protecting your credit online
Factors affecting credit ratings
Interest on credit cards, terms, fees and additional charges
Alternatives to credit cards, debit cards, prepaid cards

Financial reports and ratios

Income statement
Balance sheet
Charts and graphs representing data
Probability
Economics statistics, CPI, inflation rate

*The topics are not limited to those listed above.

TEXTBOOK: *“Managing Your Personal Finances”*, Southwestern
Publishing

READING LIST: None

COURSE: Business Law

COURSE NUMBER: 624

DEPARTMENT: Business

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

The meaning and necessity for law	Assignment of contracts
Classification of law	Delegation of contract duties
Historical development of law	Discharge of contracts
Law and the individual	Remedies for breach
The law of business situations and transactions	Property rights
Federal, State and local court system	Formation of the sales contract
Criminal wrongs	Transfer of ownership
Civil wrongs	Protection for purchases
Steps in litigation	Credit transactions
Statute of limitations	Nature of insurance
Formation of contracts	Property & casualty insurance
Mutual consent	Auto insurance
Competent parties'	Personal insurance
Legality of purpose	Social insurance
Consideration	Sole proprietorships
Proper form	Partnerships

*The topics are not limited to those listed above.

TEXTBOOK: *“Applied Business Law”*, Southwestern Publishing

READING LIST: None

COURSE: Accounting

COURSE NUMBER: 622

DEPARTMENT: Business

OFFERED TO GRADE(S): 10, 11, 12

CREDIT: 1 **WEIGHT:** 1 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Understanding the meaning of a single proprietorship, partnership and corporation

- Know the difference between a service business and a merchandising business
- Comprehend the difference between profit and nonprofit business
- Know the importance of financial information to the owner
- Know the importance of financial information to federal, state and municipal governments
- Know the importance of financial information to banking and other lending institutions
- Know the importance of financial information to investors
- Understand the four methods of processing data; manual, mechanical, electromechanical and electronic
- Relate methods of processing data to situations in which data have been processed
- Know the meaning of asset, liability and owner's equity
- Identify a random selection of descriptive items as asset, liability, or owner's equity classification
- Comprehend the relationship of each element to the whole (Acctg equation)
- Compute the dollar value of the third element when the dollar value of two elements is known
- Comprehend the meaning of each business transaction

COURSE: Accounting, continued

Determine the effect of increases and/or decreases on each element in the fundamental equation as a result of each transaction

Understanding the relationship of revenue and expense items in calculating net income or net loss

Understanding the relationship of net income or net loss to capital

Use net income or net loss calculation to complete an income statement and a balance sheet

Classify each account

Analyze business transactions and determine the effect of these transactions on assets, liabilities and owner's equity accounts

Understand the purpose of a journal

Interpret each journal entry

Identify the debit and credit sides of a general ledger standard account form

Apply principals of posting entries from the journal to the ledger

Cross reference the entries in the general ledger and general journal

Add the debit and credit sides of each account and foot the totals in pencil

Correct errors found in the ledger accounts

Apply procedures for preparing a corrected trial balance

*The topics are not limited to those listed above.

TEXTBOOK: *Century 21 Accounting*, Southwestern Publishing

READING LIST: None

COURSE: Work Experience
COURSE NUMBER: 617
DEPARTMENT: Business
OFFERED TO GRADE(S): 11, 12
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): Suggested; Business Law, Computer Applications, Math and Finance

TOPICS TO BE COVERED*:

A safe and healthy environment
Resource management
Career development
Integrated learning, apply knowledge and skills in the workplace
Universal foundation skills, skills and competencies essential for success in the workplace

*The topics are not limited to those listed above.

TEXTBOOK: None
READING LIST: None

COURSE: Food and Nutrition

COURSE NUMBER: 632

DEPARTMENT: Home and Careers

OFFERED TO GRADE(S): 9, 10, 11, 12

CREDIT: .5 **WEIGHT:** .5 **HONORS:** No

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Role of food:

- Growth
- Maintenance
- Functioning of the body

Explore the factors for:

- Weight loss
- Weight gain
- Weight maintenance

Basic skills and techniques for preparation

Nutrition concepts in daily living

Career opportunities

Nutrition awareness:

- Nutrition concepts
- Current trends and research

Beginning food preparation:

- Terminology
- Safety and sanitation
- Recipes and measurement
- Equipment and utensils

Basic food preparation skills:

- Bread and cereals
- Fruits and vegetables

COURSE: Salads, herbs and salad dressings
Soups
Cakes, pastry, cookies, candy
Food and Nutrition, continued

Poultry
Meat and meat substitutes
Cheese
Pasta
Eggs
Fish

Special projects:

Thanksgiving meal
Holiday – gingerbread house
Pasta festival
Foods of the world

Meal management and food purchasing:

Menu development
Meal service
Food purchasing
Appetizers
Garnishing
Eating out

Careers in food and nutrition projects:

Design a restaurant
Plan an event

***The topics are not limited to those listed above.**

TEXTBOOK: *“Guide to Good Food”*, Johnson & Wales, *“Culinary Essentials”*, Glencoe-McGraw Hill

COURSE: Gourmet Foods
COURSE NUMBER: 633
DEPARTMENT: Home and Careers
OFFERED TO GRADE(S): 9, 10, 11, 12
CREDIT: .5 **WEIGHT:** .5 **HONORS:** No
PREREQUISITE(S): Food and Nutrition

TOPICS TO BE COVERED*:

Factors that contribute to culinary excellence
Prepare and present a variety of gourmet foods
Career exploration
How to use specialized equipment
Nutrition awareness:
 Nutrition concepts
 Current trends and research
Beginning food preparation:
 Terminology
 Safety and sanitation
 Recipes and measurement
 Equipment and utensils
Basic food preparation skills:
 Bread and cereals
 Fruits and vegetables
 Salads, herbs and salad dressings
 Soups
 Cakes, pastry, cookies, candy
 Poultry
 Meat and meat substitutes
 Cheese
 Pasta
 Eggs

Special projects: Fish
Thanksgiving meal
COURSE: Gourmet Foods, continued

Holiday – gingerbread house
Pasta festival
Foods of the world
Meal management and food purchasing:
Menu development
Meal service
Food purchasing
Appetizers
Garnishing
Eating out
Careers in food and nutrition projects:
Design a restaurant
Plan an event

***The topics are not limited to those listed above.**

TEXTBOOK: *“Guide to Good Food”*, Johnson & Wales, *“Culinary Essentials”*, Glencoe-McGraw Hill

COURSE: Music in our Lives

COURSE NUMBER 650

DEPARTMENT: Music

OFFERED TO GRADE(S): 9,10,11,12

PREREQUITE(S): None

TOPICS TO BE COVERED*:

History of music
Performance on the dulcimer, guitar, piano and drums
Composition with dulcimer
Musical styles through the centuries
The current music scene
Careers in music
Basic music theory

The topics are not limited to those listed above.

TEXTBOOK: *“Music! It’s Role & Importance in Our Lives”*

READING LIST: None

COURSE: Senior Band

COURSE NUMBER: 651

DEPARTMENT: Music

OFFERED TO GRADE(S): 9, 10, 11, 12

TOPICS TO BE COVERED*:

Variety of musical styles in a band setting

Four concerts

Two parades

Group lessons

The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Senior Chorus

COURSE NUMBER: 652

DEPARTMENT: Music

OFFERED TO GRADE(S): 9, 10, 11, 12

TOPICS TO BE COVERED*:

Variety of musical styles in a choral setting
Four concerts each year

***The topics are not limited to those listed above.**

TEXTBOOK: None

READING LIST: None

COURSE: Studio Art

COURSE NUMBER: 660

DEPARTMENT: Art

OFFERED TO GRADE(S): 9

PREREQUISITE(S): Art 7 and Art 8

TOPICS TO BE COVERED*:

7 elements of art: color
line
texture
shape
form
space
value

Impressionism – Monet
Cubism – Picasso
Surrealism – Dali
Op Art – Riley
Pointillism – Seurat
Pop Art – Warhol
Poster making
American artist research paper

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Drawing and Painting I

COURSE NUMBER: 661

DEPARTMENT: Art

OFFERED TO GRADE(S): 10, 11, 12

PREREQUISITE(S): Studio Art

TOPICS TO BE COVERED*:

Introduction to drawing materials: dry
wet

Review the elements of art
Perspective

Introduction to painting materials: tempera
watercolor
acrylic

Practice techniques
Portraits

Art history: Researching an artist and art style

Independent project using all previous knowledge and skills

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Drawing and Painting II

COURSE NUMBER: 662

DEPARTMENT: Art

OFFERED TO GRADE(S): 11, 12

PREREQUISITE(S): Studio Art and Drawing and
Painting I

TOPICS TO BE COVERED*:

Theme based projects, building on skills from Drawing and Painting I
with a more individual approach

Matting and framing
Displays
Art shows

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Crafts
COURSE NUMBER: 664
DEPARTMENT: Art
OFFERED TO GRADE(S): 10, 11, 12
PREREQUISITE(S): Studio Art

TOPICS TO BE COVERED*:

Paper:	Origami Paper cutting
Mobiles	
Puzzles	
Mosaics	
Printmaking:	Block printing Stamping Silkscreen
Ceramics:	Slip cast molds
Jewelry making	
Weaving:	Paper Looms Baskets
Stained glass	

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Computer Art

COURSE NUMBER: 668

DEPARTMENT: Art

OFFERED TO GRADE(S): 10, 11, 12

PREREQUISITE(S): Studio Art

TOPICS TO BE COVERED*:

Basic design principles
Microsoft Word© application
Art Dabbler© application
Introduction to basic animation
Introduction to digital photography
Graphic design: Logos
Letterheads
Ads
Introduction to web page design: basic HTML

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Photography

COURSE NUMBER: 667

DEPARTMENT: Art

OFFERED TO GRADE(S): 11, 12

PREREQUISITE(S): Studio Art

TOPICS TO BE COVERED*:

How to use a camera
History of photography
Composition
Developing negatives
Contact sheets
Making black & white prints

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Physical Education 9-10

COURSE NUMBER: 099

DEPARTMENT: Physical Education

OFFERED TO GRADE(S): 9, 10

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Softball	Flag Football
Wiffleball	Field Hockey
Cricket	Team handball
Frisbee Golf	Lacrosse
Weight Training	Cross Country Skiing
Badminton	Snowshoeing
Pickleball	Basketball
Volleyball	Speed ball
Speedball	Ultimate Frisbee
Archery	
Soccer	

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Physical Education 11-12

COURSE NUMBER: 098

DEPARTMENT: Physical Education

OFFERED TO GRADE(S): 11 - 12

PREREQUISITE(S): Phys. Ed. 9-10

TOPICS TO BE COVERED*:

Softball	Football
Wiffleball	Field Hockey
Cricket	Team handball
Frisbee Golf	Lacrosse
Weight Training	Cross Country Skiing
Badminton	Snowshoeing
Pickleball	Basketball
Volleyball	
Speedball	
Archery	
Soccer	

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

COURSE: Career and Technical Education -
CTE

COURSE NUMBER: 711

DEPARTMENT: WSWHE BOCES

OFFERED TO GRADE(S): 11, 12

CREDIT: 4 **WEIGHT:** 4 **HONORS:** No

PREREQUISITE(S): All required course work to be considered a junior or senior in good standing.

COURSE CHOICES:

- Automotive Technology
- Conservation
- Construction Trades
- Cosmetology
- Criminal Justice Studies
- Culinary Arts and Hospitality
- Early Childhood Education
- Graphic and Visual communications
- Heavy equipment Maintenance and Operations
- Horticulture and Landscaping
- Information Technology/CISCO
- Machine Tool Technology
- Nurse Assisting and Health Occupations
- Outdoor Power Equipment Technician
- Practical Nursing (Seniors only)
- Welding

COURSE: Non Pull out ELA
COURSE NUMBER: 720
DEPARTMENT: WSWHE BOCES
OFFERED TO GRADE(S): 11, 12
CREDIT: .5 **WEIGHT:** .5 **HONORS:** No
PREREQUISITE(S): Attending CTE program

TOPICS TO BE COVERED:

This is an integrated ELA course. Students will earn .5 credits in each year of a CTE program. This course is required in order to meet minimum graduation requirements.

COURSE: Non Pull out Math
COURSE NUMBER: 719
DEPARTMENT: WSWHE BOCES
OFFERED TO GRADE(S): 11, 12
CREDIT: .5 **WEIGHT:** .5 **HONORS:** No
PREREQUISITE(S): Attending CTE program

TOPICS TO BE COVERED*:

This is an integrated math course. Students will earn .5 credits in each year of a CTE program. This course is required in order to meet minimum graduation requirements.

COURSE: Pull out Math
COURSE NUMBER: 718
DEPARTMENT: WSWHE BOCES
OFFERED TO GRADE(S): 11, 12
CREDIT: 1 **WEIGHT:** 1 **HONORS:** No
PREREQUISITE(S): Attending CTE program

TOPICS TO BE COVERED:

This course is taken by a student who may be short one unit of credit due to failure in a previous math course.

COURSE: Service Learning

COURSE NUMBER: 814

DEPARTMENT: Service Learning

OFFERED TO GRADE(S): 7-12

CREDIT: 120 hours = 1 60 hours = .5

PREREQUISITE(S): None

TOPICS TO BE COVERED*:

Credit may be earned by any student who chooses to do volunteer activities that meet the following criteria.

1. The students is not receiving a benefit from the activity performed, i.e., Boy Scouts, Girl Scouts, 4-H.
2. A written reflection of the activity of required, a log sheet is completed and a signature from the supervising adult is required.
3. The activity must benefit someone outside of the students immediate family.

*The topics are not limited to those listed above.

TEXTBOOK: None

READING LIST: None

SALEM HIGH SCHOOL

GUIDANCE OFFICE

NEW YORK STATE HIGH SCHOOL GRADUATION REQUIREMENTS

	CREDITS		
	Regents	Advanced Regents	Local
English	4	4	4
Social Studies(a)	4	4	4
Math	3(b)	3(b)	3(b)
Science	3(b)	3(b)	3(b)
The Arts(c)	1	1	1
Health	.5	.5	.5
Core Credits	15.5	15.5	15.5
LOTE	1	(e)	(e)
Phys. Ed.(f)	2	2	2
Electives(d)	3.5	4.5(e)	4.5(e)
Total Required	22	22	22

FOOTNOTES

- (a) Four credits required , including 1 unit in U.S. history and government and .5 unit each in participation in government and economics.
- (b) A commencement-level course in technology education (i.e. Vo-Tech) may be used as the third unit of credit in science or math, but not both.
- (c) The arts include dance, music, theater and visual arts.
- (d) Only students completing a sequence of 5 units of credit in career and technical education (CTE) or the arts may substitute another 3-unit or 5-unit sequence in place of the 3 units in a language other than English (LOTE).
- (e) To earn the advanced designation, the student must complete one of the following:
 - A language other than English (total of 3 units)
 - CTE (5 units), plus one unit in a language other than English.
 - The arts (5units), plus one unit in a language other than English.
- (f) 2 units of physical education are required at .5 units per year.
- (g)** By scoring ≥ 65 on Regents in math I, or by scoring ≥ 65 on the math A exam.
- (h)** By scoring ≥ 65 on Regents in math III, or by scoring ≥ 65 on the math B exam.
- (i) Students who complete Checkpoint A and two units of study in a single LOTE no latter than the end of grade 8 must pass the second language proficiency examination in order to earn one unit of credit toward the high school diploma.

Honors designation – A student earning an average of 90% on all of the exams needed to earn the Regents or Advanced Regents diploma will be award the respective diploma with honors.

SALEM HIGH SCHOOL

GUIDANCE OFFICE

NEW YORK STATE HIGH SCHOOL GRADUATION REQUIREMENTS

Testing

EXAM	REGENTS	ADV REGENTS	LOCAL*
Math A	65+	65+	55-64
Math B		65+	
Science	65+	65+	55-64
Science		65+	
Science		65+	
Global History	65+	65+	55-64
U.S. History	65+	65+	55-64
E.L.A.	65+	65+	55-64

The student earning and exam average of 90+ will receive an HONORS designation on the respective diploma upon graduation.

*** In June 2005, the Board of Regents approved a phase in schedule for diploma requirements for all students.**

- Students who enter grade 9 in 2005 must score 65 on 2 required Regents examinations and score 55 or above on 3 required Regents examinations to meet local diploma requirements.
- Students who enter grade 9 in 2006 must score 65 on 3 required Regents examinations and score 55 or above on 2 required Regents examinations to meet local diploma requirements.
- Students who enter grade 9 in 2007 must score 65 on 4 required Regents examinations and score 55 or above on 1 required Regents examinations to meet local diploma requirements.

- Students who enter grade 9 in 2008 must score 65 on all 5 required Regents examinations to meet REGENTS diploma requirements. The local diploma is no longer available.

SALEM HIGH SCHOOL

GUIDANCE OFFICE

NEW YORK STATE HIGH SCHOOL GRADUATION REQUIREMENTS

THE SAFETY NET

The following students qualify for the safety net and 55-64 passing score:

- Students with disabilities identified through a CSE. Specific language regarding the availability of the safety net does not have to be indicated on the students IEP.
- Students with disabilities identified through the Section 504 Multidisciplinary Team (MDT) if recommended and documented MDT on the student's Accommodation Plan.
- Students with disabilities **declassified** while in grades 8-12 if recommended and documented by the CSE on the student's IEP.

RCT SAFETY NET

The RCT safety net is available to all eligible students with disabilities **entering grade 9 from 1996-97 school year through the 2009-10 school year.**

The safety net allows students with disabilities who do not pass one or more of the required Regents examinations to instead meet testing requirements for the local diploma by passing the corresponding RCT(s) or the Department approved alternatives to the RCTs. **The school may administer the RCT before or after the Regents examination, but in all cases, the student must take the required Regents examinations in order to earn the local diploma.**

55-64 PASSING SCORE

For students with disabilities who enter grade 9 in 2005 and thereafter, testing requirements for a local diploma may also be met by achieving a score between 55

and 64 on required Regents examinations. The 55-64 passing score must be made available to students with disabilities and is no longer a district option.

SALEM HIGH SCHOOL

The following schedules are samples demonstrating how each student can meet the Regents, and Advanced Regents diploma requirements. There are more variations than can be described here. Every student will have a plan to suite their own needs and abilities. Elective course offerings are subject to change.

I. Regents Diploma with *agriculture* CTE

	9	10	11	12
A.	English I	English II	English III	English IV
B.	Global I	Global II	U.S. History	Gov't & Economics
C.	Algebra(a)		Math	Math
D.	Biology(b)		Earth	<i>Environmental Sci.</i> <i>Agr Elec</i>
E.	Studio Art(c)	<i>Agr Elec</i>	<i>Agr Elec</i>	Elective
F.	<i>Intro to Occupations(d)</i>	<i>Agr. Elec</i>	Health	Elective
G.	Lunch	Lunch	Lunch	Lunch
H.	Computer Skills Study Hall	Study Hall		Study Hall
I.	Phys. Ed./Sci .Lab	Phys.Ed/Sci Lab	Phys. Ed.	Phys. Ed.

II. Regents Diploma with *business* CTE

	9	10	11	12
A.	English I	English II	English III	English IV
B.	Global I	Global II	U.S. History	Gov't & Economics
C.	Algebra(a)		Math	<i>Math &</i>
D.	Biology(b)		Earth	<i>Environmental Sci.</i> <i>Business</i>
E.	Studio Art(c)	Elective	<i>Accounting</i>	<i>Marketing</i>
F.	<i>Intro to Occupations(d)</i>	<i>Computer applications</i>	Health	Elective
G.	Lunch	Lunch	Lunch	Lunch
H.	Computer Skills Study Hall	Study Hall		Study Hall
I.	Phys. Ed./ Sci Lab	Phys. Ed./ Sci Lab	Phys. Ed.	Phys. Ed.

III. Regents Diploma with a combined *agriculture/business* CTE

Same requirements as the diploma listed above. A student may combine the agriculture and business course to equal a five unit Agri-Business CTE. The introduction to occupations course is required.

IV. Regents Diploma with BOCES CTE

	9	10	11	12
A.	English I	English II	English III	Science
B.	Global I	Global II	U. S History	Gov't & Economics
C.	Math A1	Math A2	Phys. Ed.	Phys. Ed.
D.	Biology(b)	Earth	<i>Vo-Tech</i>	<i>Vo-Tech</i>
E.	Studio Art(c)	Health	<i>Math</i>	<i>Math</i>
F.	<i>Intro to Occupations(d)</i>	Elective	<i>ELA</i>	<i>ELA</i>
G.	Lunch	Lunch	<i>Vo-Tech</i>	<i>Vo-Tech</i>
H.	Computer Skills	Study Hall	<i>Vo-Tech</i>	<i>Vo-Tech</i>
I.	Phys. Ed./ Sci Lab	Phys. Ed./ Sci Lab	<i>Vo-Tech</i>	<i>Vo-Tech</i>

V. Advanced Regents Diploma with LOTE

	9	10	11	12
A.	English I	English II	English III	English IV
B.	Global I	Global II	U.S. History	Gov't & Economics
C.	Algebra(a) Calculus	Geometry	Trigonometry	Intro to
D.	Biology(b)	Earth	Chemistry	Physics
E.	Studio Art(c)	Elective	Health	Written & Oral
F.	<i>LOTE Level II(e)</i>	<i>LOTE Level III</i>	Elective	Elective
G.	Lunch	Lunch	Lunch	Lunch
H.	Computer Skills Study Hall	Study Hall	Study Hall	
I.	Phys. Ed./Sci Lab	Phys. Ed./Sci lab	Phys. Ed./Sci Lab	Phys. Ed./ Sci Lab

VI. Advanced Regents Diploma without LOTE, with a business or agriculture CTE

Same courses as above with one exception: LOTE level I unit would need to be earned at the end of grade 8. The LOTE level II and III units would be replaced with 5 unit CTE courses in agriculture, business or an agriculture/business combination.

VII. Advanced Regents with LOTE and *Advanced Placement(AP)* courses

	9	10	11	12
A.	English I <i>English Lit.</i>	English II	English III	<i>AP</i>
B.	Global I	Global II	<i>AP U. S. History</i>	Gov't & Economics
C.	Algebra(8) Geometry (9)	Trigonometry	Intro to Calculus	<i>AP Calculus AB</i>
D.	Biology(b) AP Bio	Earth	Chemistry	Physics or
E.	Studio Art(c)	Elective	Health	Written & Oral
F.	<i>LOTE Level II(e)</i>	<i>LOTE level III</i>	Elective	Elective
G.	Lunch	Lunch	Lunch	Lunch
H.	Computer Skills AP Biology	Study Hall	Study Hall	
I.	Phys. Ed./Sci Lab	Phys.Ed./Sci Lab	Phys.Ed./Sci Lab	Phys.Ed./Sci Lab

NOTES

- a. Sequence of math courses to take the Math A exam for the Regents diploma, the * indicates when the Math A exam can be taken:
- | | |
|---------------|--------------|
| 1. Algebra | 1. Math A1 |
| 2. Geometry * | 2. Math A2 * |
- b. All students are required to take a physical science course (Earth Science, Chemistry, Physics) and a life science course (Biology). Regents diploma candidates must pass one Regents science exam.
- | | | |
|--------------|-----------------------------|-----------------------------|
| 1. Biology | 1. Biology | 1. Biology |
| 2. Earth | 2. Earth | 2. Chemistry |
| 3. Chemistry | 3. Any agr. related science | 3. Any agr. related science |
- c. The arts requirement may be met by participating in band and or chorus for the equivalent of one unit.
- d. Students working on a CTE sequence must take and the Introduction to Occupations course.
- e. LOTE Level I unit is earned at the end of grade 8 upon passing the LOTE proficiency exam.

GUIDANCE OFFICE SALEM CENTRAL SCHOOL COURSE SELECTION LIST

ENGLISH

102 ENG I
104 ENG II
105 ENG III
106 ENG IV
109 WRITTEN COM
110 ORAL COM
111 AP ENG LIT
113 ENGLISH I H
114 ENGLISH II H

108 ENGLISH III H
860 AIS ENGLISH

SCIENCE

402 EARTH SCIENCE
406 BIOLOGY
408 CHEMISTRY
410 PHYSICS
412 HEALTH
415 AP BIOLOGY
864 AIS SCIENCE

BUSINESS

620 INTRODUCTION TO OCCUPATIONS
622 ACCOUNTING

SOCIAL STUDIES

202 GLOBAL I
203 GLOBAL II
206 U.S. HISTORY
208 GOVERNMENT
209 ECONOMICS
211 AP HISTORY
212 GLOBAL I H
213 GLOBAL II H
214 AP GOVERNMENT

866 AIS SOC.STD.

FRENCH

501 LEVEL I
502 LEVEL II
503 LEVEL III
504 LEVEL IV

AGRICULTURE

601 FISHERIES & WILDLIFE
603 PRE-VETERINARIAN

MATH

324 ALGEBRA
325 GEOMETRY
326 TRIGONOMETRY
327 INTRO-CALC
309 AP CALCULUS
328 MATH A1
329 MATH A2
330 APP. GEOMETRY
862 AIS MATH

SPANISH

505 LEVEL I
506 LEVEL II
507 LEVEL III
508 LEVEL IV

614 PLANT SCIENCE

623 COMPUTER APPLICATION
624 BUSINESS LAW
629 MATH & FINANCIAL APPLICATIONS

606 AGRICULTURE I
608 ANIMAL SCIENCE
616 LANDSCAPE & GREENHOUSE MGT

626 MARKETING

619 ENVIRONMENTAL & NATURAL SCI

ART

660 STUDIO IN ART
661 DRAWING & PAINTING I
FOODS
662 DRAWING & PAINTING II
667 PHOTOGRAPHY
668 COMPUTER ART
669 CERAMICS

MUSIC

650 MUSIC IN OUR LIVES
651 SENIOR BAND
652 SENIOR CHORUS

HOME & CAREERS

632 FOOD & NUTRITION
633 GOURMET

PHYSICAL EDUCATION

99 PHYS ED 9-10
98 PHYS ED 11-12

VO-TECH

711: _____

PULL-OUT

718 PO MATH
719 NPO MATH
720 NPO ELA
721 PO SCIENCE