



*Expanding the Mind
Building the Body
Shaping the Character*

MIDDLE/HIGH SCHOOL

COURSE CODE DIRECTORY

2016 - 2017

Revised: August 2016

HIGH SCHOOL COURSES

****Contact School for current course offerings****

LANGUAGE ARTS

MATHEMATICS

SCIENCE

SOCIAL STUDIES

FOREIGN LANGUAGE

PHYSICAL EDUCATION

ELECTIVES

HIGH SCHOOL GRADUATION REQUIREMENTS

A TOTAL OF 24 CREDITS ARE REQUIRED IN THE FOLLOWING AREAS:

ENGLISH: **4 CREDITS** WITH CONCENTRATION IN COMPOSITION AND LITERATURE.

MATHEMATICS: **4 CREDITS** EQUIVALENT TO ALGEBRA I, OR A HIGHER LEVEL

SCIENCE: **3 CREDITS** (AT LEAST 1 FROM PHYSICAL SCIENCE, 1 FROM BIOLOGICAL SCIENCE, AND CHEMISTRY).
2 CREDITS MUST BE EARNED IN COURSES WITH LABORATORY COMPONENTS SUCCESSFUL COMPLETION OF INTEGRATED SCIENCE 1 WILL SATISFY THE PHYSICAL SCIENCE REQUIREMENT FOR GRADUATION.

SOCIAL STUDIES: **3 CREDITS**
1 CREDIT IN AMERICAN HISTORY
1 CREDIT IN WORLD HISTORY
½ CREDIT IN AMERICAN GOVERNMENT
½ CREDIT IN ECONOMICS OR COMPARATIVE ECONOMICS

PHYSICAL EDUCATION: 1 CREDIT

REQUIRED CREDITS: 15 CREDITS

ELECTIVES: 9 CREDITS

TOTAL: 24 CREDITS

LANGUAGE ARTS

ENGLISH 9 – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9	YEAR	ONE	PLACEMENT CRITERIA

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING SKILLS, EMPHASIS IS PLACED UPON VOCABULARY DEVELOPMENT AND THE IMPROVEMENT OF READING COMPREHENSION. COMPOSITION INSTRUCTION FOCUSES UPON WRITING EFFECTIVE PARAGRAPHS AND MULTI-PARAGRAPH PAPERS. THE COURSE INCLUDES OPPORTUNITIES FOR THE STUDENT TO EVALUATE AND CRITIQUE THE MASS MEDIA. EARNING CREDIT IN ENGLISH I PRECLUDES EARNING CREDIT IN ENGLISH SKILLS I OR ENGLISH HONORS I.

ENGLISH 9 (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9	YEAR	ONE	3.0 GPA OR TEACHER RECOMMENDATION

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES ADVANCED INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING. EMPHASIS IS PLACED ON THE CRITICAL ANALYSIS OF A VARIETY OF LITERARY GENRES. COMPOSITION INSTRUCTION EMPHASIZES ALL STAGES OF THE WRITING PROCESS INCLUDING REWRITING, WRITING AND REVISING. EMPHASIS IS GIVEN TO WRITING FOR A VARIETY OF DIFFERENT AUDIENCES. EARNING CREDIT IN ENGLISH HONORS I PRECLUDES EARNING CREDIT IN ENGLISH SKILLS OR ENGLISH I.

ENGLISH 10 – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10	YEAR	ONE	PLACEMENT CRITERIA

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING. VOCABULARY DEVELOPMENT IS EMPHASIZED. LITERATURE STUDY CONCENTRATES ON THE THEMES AND GENRES THAT ARE FOUND IN WORLD LITERATURE. CULTURAL DIFFERENCES AND CULTURAL VALUES ARE EXPLORED. THE COURSE INCLUDES COMPOSITION INSTRUCTION WHICH FOCUSES ON THE WRITING OF A WIDE RANGE OF MATERIAL FOR VARIOUS PURPOSES AND DIFFERENT AUDIENCES. EARNING CREDIT IN ENGLISH II PRECLUDES EARNING CREDIT IN ENGLISH SKILLS II OR ENGLISH HONORS II.

ENGLISH 10 (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10	YEAR	ONE	3.5 GPA TEACHER/ADMINISTRATOR RECOMMENDATION

COURSE MEETS ENGLISH GRADUATION REQUIREMENTS.

THIS COURSE PROVIDES ADVANCED INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING, THE UNIVERSAL THEMES OF WORLD LITERATURE ARE ANALYZED AND DISCUSSED. CRITICAL ANALYSIS OF VARIOUS LITERARY GENRES IS EMPHASIZED. FREQUENT PRACTICE IS PROVIDED IN ALL ASPECTS OF THE COMPOSITION PROCESS. VOCABULARY STUDY FOCUSES ON VERBAL ANALOGIES AND OTHER TYPES OF TEST ITEMS THAT ARE COMMONLY FOUND ON STANDARDIZED TESTS. EARNING CREDIT IN ENGLISH HONORS II PRECLUDES EARNING CREDIT IN ENGLISH SKILLS II OR ENGLISH II.

ENGLISH 11 – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11	YEAR	ONE	PLACEMENT CRITERIA

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING. LITERATURE STUDY CONCENTRATES ON THE THEMES AND GENRES THAT ARE FOUND IN AMERICAN LITERATURE. THIS STUDY INCLUDES THE ANALYSIS OF REPRESENTATIVE EXAMPLES OF AMERICAN LITERATURE IN VARIOUS GENRES. VOCABULARY STUDY FOCUSES UPON VERBAL ANALOGIES AND OTHER PATTERNS COMMONLY FOUND ON STANDARDIZED TESTS. THE COURSE INCLUDES THE WRITING OF DOCUMENTED RESEARCH PAPERS. EARNING CREDIT IN ENGLISH III PRECLUDES EARNING CREDIT IN ENGLISH SKILLS III OR ENGLISH HONORS III.

ENGLISH 11 (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11	YEAR	ONE	3.5 GPA TEACHER/ADMINISTRATOR RECOMMENDATION

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES ADVANCED INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING, LITERATURE STUDY CONCENTRATES ON THE THEMES AND GENRES THAT ARE FOUND IN AMERICAN LITERATURE. EMPHASIS IS PLACED ON THE DISTINCTIVELY AMERICAN QUALITIES OF THE LITERATURE AND ITS ETHNIC AND CULTURAL DIVERSITY. FREQUENT WRITING PRACTICE IS PROVIDED. THIS COURSE INCLUDES THE WRITING OF DOCUMENTED RESEARCH PAPERS. EARNING CREDIT IN ENGLISH HONORS III PRECLUDES EARNING CREDIT IN ENGLISH SKILLS III OR ENGLISH III.

ENGLISH 12 – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
12	YEAR	ONE	PLACEMENT CRITERIA

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING. LITERATURE STUDY CONCENTRATES ON THE THEMES AND GENRES THAT ARE FOUND IN BRITISH LITERATURE. THIS STUDY INCLUDES THE ANALYSIS OF REPRESENTATIVE EXAMPLES OF BRITISH LITERATURE AS WELL AS THE STUDY OF THE HISTORY OF THE ENGLISH LANGUAGE. THE COURSE INCLUDES THE WRITING OF DOCUMENTED RESEARCH PAPER. EARNING CREDIT IN ENGLISH IV PRECLUDES EARNING CREDIT IN ENGLISH SKILLS IV OR ENGLISH HONORS IV.

ENGLISH 12 (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
12	YEAR	ONE	3.5 GPA AND TEACHER/ADMINISTRATOR RECOMMENDATION

COURSE MEETS ENGLISH GRADUATION REQUIREMENT.

THIS COURSE PROVIDES ADVANCED INSTRUCTION IN READING, WRITING, LISTENING AND SPEAKING. LITERATURE STUDY CONCENTRATES ON THE THEMES AND GENRES THAT ARE FOUND IN BRITISH LITERATURE. THIS STUDY INCLUDES THE ANALYSIS OF MAJOR BRITISH LITERATURE WORKS OF VARIOUS GENRES. INFLUENCES THAT HAVE SHAPED THE ENGLISH LANGUAGE THROUGHOUT HISTORY ARE ALSO EXPLORED. THE COURSE INCLUDES THE WRITING OF DOCUMENTED RESEARCH PAPERS. EARNING CREDIT IN ENGLISH HONORS IV PRECLUDES EARNING CREDIT IN ENGLISH SKILLS IV OR ENGLISH IV.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION TO SPEAKERS OF OTHER LANGUAGES WHO ARE CLASSIFIED AS LESS THAN INDEPENDENT IN ENGLISH. THE MAIN GOAL OF THE PROGRAM IS THE ACQUISITION OF ENGLISH COMMUNICATION SKILLS. THE CONTENT INCLUDES PRACTICE IN THE DEVELOPMENT OF LISTENING, SPEAKING, READING, AND WRITING SKILLS, AND THE UNDERSTANDING OF AMERICAN CULTURE AS EXPRESSED IN LITERATURE AND LANGUAGE.

MATHEMATICS

***NOTE:** Students must take 4 credits of mathematics to graduate, including algebra 1 (or higher), algebra 2, and geometry. Please see mathematics electives for 4th credit option.

ALGEBRA I – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	MASTERY OF BASIC COMPUTATIONAL SKILLS AND RELATED APPLICATIONS WITH WHOLE NUMBERS, FRACTIONS, AND PERCENTAGES

THIS COURSE IS DESIGNED TO DEVELOP THE CONCEPTS AND SKILLS IN FIRST YEAR ALGEBRA. TOPICS SHALL INCLUDE OPERATIONS WITH RATIONAL NUMBERS, VARIABLES, RATION AND PROPORTION, GRAPHS, SETS, NUMBER THEORY, EQUATIONS, POLYNOMIALS, AND ALGEBRAIC EXPRESSIONS.

ALGEBRA I (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	MASTERY OF BASIC COMPUTATIONAL SKILLS AND RELATED APPLICATIONS WITH WHOLE NUMBERS, FRACTIONS, AND PERCENTAGES

THIS COURSE IS DESIGNED TO DEVELOP AT THE HONORS LEVELS CONCEPTS AND SKILLS IN FIRST YEAR ALGEBRA. TOPICS SHALL INCLUDE BUT IS NOT LIMITED TO SYSTEMS OF LINEAR EQUATIONS WITH TWO VARIABLES USING GRAPHICAL, SUBSTITUTION, AND ELIMINATION METHODS, LINEAR EXPRESSIONS, EQUATIONS, AND INEQUALITIES, POLYNOMIALS, AND RADICAL EXPRESSIONS IN THE FORM OF SQUARE ROOTS.

ALGEBRA II – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	C AVERAGE IN ALGEBRA I

THIS COURSE IS DESIGNED TO CONTINUE THE STUDY OF THE STRUCTURE OF ALGEBRA AND TO PROVIDE THE FOUNDATION FOR APPLYING THESE SKILLS TO OTHER MATHEMATICAL AND SCIENTIFIC FIELDS. TOPICS SHALL INCLUDE BUT IS NOT LIMITED TO GRAPHS, POLYNOMIALS AND RATIONAL EXPRESSIONS, QUADRATIC EQUATIONS AND INEQUALITIES, EXPONENTS, IRRATIONAL NUMBERS, LOGARITHMS AND COMPLEX NUMBERS.

ALGEBRA II (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	AN 'A' AVERAGE IN ALGEBRA I TEACHER/ADMINISTRATION RECOMMENDATION

THIS COURSE IS DESIGNED TO CONTINUE THE STUDY OF THE STRUCTURE OF ALGEBRA AT THE HONORS LEVEL AND TO PROVIDE THE ADVANCED FOUNDATION FOR APPLYING THESE SKILLS TO OTHER MATHEMATICAL AND SCIENTIFIC FIELDS. TOPICS SHALL INCLUDE BUT IS NOT LIMITED TO GRAPHS, POLYNOMIALS AND RATIONAL EXPRESSIONS, QUADRATIC EQUATIONS AND INEQUALITIES, EXPONENTS, IRRATIONAL NUMBERS, LOGARITHMS. GEOMETRIC SEQUENCES AND SERIES, EQUATIONS OF CONIC SECTIONS, EXPONENTIAL GROWTH AND DECAY, AND COMPLEX NUMBERS.

GEOMETRY – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	C AVERAGE IN ALGEBRA I OR TEACHER RECOMMENDATION

THIS COURSE IS DESIGNED TO EMPHASIZE CRITICAL THINKING INVOLVING THE DISCOVERY OF RELATIONSHIPS AND THEIR PROOFS, AND APPLYING THE DEDUCTIVE METHODS TO MATHEMATICAL SITUATIONS. TOPICS SHALL INCLUDE LOGIC AND REASONING, LINES, PLANES, ANGLES, TRIANGLES, SIMILARITY, CONGRUENCE, POLYGONS AND CIRCLES, AND CONSTRUCTION.

GEOMETRY (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	AN "A" AVERAGE IN ALGEBRA I, TEACHER/ADMINISTRATION RECOMMENDATION

THIS COURSE IS DESIGNED TO EMPHASIZE CRITICAL THINKING AT THE HONORS LEVEL INVOLVING THE DISCOVERY OF RELATIONSHIPS AND THEIR PROOFS, AND APPLYING THE DEDUCTIVE METHODS TO MATHEMATICAL SITUATIONS. TOPICS SHALL INCLUDE BUT ARE NOT LIMITED TO LOGIC AND REASONING, LINES, PLANES, ANGLES, TRIANGLES, SIMILARITY, CONGRUENCE, POLYGONS AND CIRCLES, TRUTH TABLES, DIRECT AND INDIRECT PROOFS, VECTORS, FIBONNACI SEQUENCE, GOLDEN RATIOS, TRANSFORMATIONS, AND CONSTRUCTIONS.

PRE-CALCULUS - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	ALGEBRA I & II AND GEOMETRY

THIS COURSE IS DESIGNED TO EMPHASIZE THE SKILLS NECESSARY FOR THE STUDY OF CALCULUS. TOPICS INCLUDE LAWS OF TRIGONOMETRY, TRIGONOMETRIC IDENTITIES, TRIGONOMETRIC FUNCTIONS, SEQUENCES AND SERIES, MATHEMATICAL INDUCTION, SYMBOLIC LOGIC, MATRIX ALGEBRA, LIMITS, VECTORS, AND CONIC SECTIONS.

PRE-CALCULUS (HONORS) ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	ALGEBRA I & II AND GEOMETRY

THIS COURSE IS DESIGNED TO EMPHASIZE AT THE HONORS LEVEL THE SKILLS NECESSARY FOR THE STUDY OF CALCULUS. TOPICS INCLUDE LAWS OF TRIGONOMETRY, TRIGONOMETRIC IDENTITIES, TRIGONOMETRIC FUNCTIONS, SEQUENCES AND SERIES, MATHEMATICAL INDUCTION, SYMBOLIC LOGIC, MATRIX ALGEBRA, LIMITS, VECTORS, AND CONIC SECTIONS.

CALCULUS - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	"B" AVERAGE AND SUCCESSFUL COMPLETION OF PRE-CALCULUS TEACHER/ADMINISTRATOR APPROVAL

THIS COURSE IS DESIGNED TO PROVIDE A FOUNDATION FOR THE STUDY OF ADVANCED MATHEMATICS. TOPICS SHALL INCLUDE FUNCTIONS, LIMITS, CONTINUITY, DERIVATIVES, PARTIAL DIFFERENTIATION, APPLICATIONS OF THE DERIVATIVE, INTEGRATION AND APPLICATIONS OF THE INTEGRAL.

CALCULUS (HONORS) - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	AN 'A' AVERAGE SUCCESSFUL COMPLETION OF PRE-CALCULUS TEACHER/ADMINISTRATOR APPROVAL

THIS COURSE IS DESIGNED TO PROVIDE A STUDY OF ADVANCED MATHEMATICS AT THE HONORS LEVEL. TOPICS SHALL INCLUDE BUT ARE NOT LIMITED TO THE FURTHER DEVELOPMENT OF FUNCTIONS, LIMITS, CONTINUITY, DERIVATIVES, PARTIAL DIFFERENTIATION, APPLICATIONS OF THE DERIVATIVE, INTEGRATION AND APPLICATIONS OF THE INTEGRAL.

PROBABILITY & STATISTICS - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	'B' AVERAGE , SUCCESSFUL COMPLETION OF ALGEBRA 2 TEACHER/ADMINISTRATOR APPROVAL

THIS COURSE IS DESIGNED TO PREPARE THE STUDENT IN BUILDING A SOLID FOUNDATION OF PROBABILITY AND STATISTICS REASONING, SKILLS, AND CONCEPTS. STUDENTS WILL UTILIZE REAL-WORLD APPLICATIONS, DATA SOFTWARE, AND GRAPHICAL DISPLAYS TO VISUALIZE KEY STATISTICAL AND PROBABILITY CONCEPTS. ADHERING TO THE CONCEPT THAT STUDENTS LEARN BEST BY DOING, STUDENT' WORK WILL RELY HEAVILY ON EXERCISES, ACTUAL DATA COLLECTION, EXPERIMENTAL DESIGN, AND MATHEMATICAL WRITING TO DEFEND VALIDITY OF STATISTICS AND PROBABILITY ANALYSES.

SCIENCE

PHYSICAL SCIENCE – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH AN INTRODUCTION TO THE BASIC CONCEPTS OF PHYSICS AND CHEMISTRY. TOPICS INCLUDE ELECTRICITY AND MAGNETISM, CHEMICAL INTERACTIONS, FORMS OF ENERGY, AND SIMPLE MACHINES. TOPICS ARE PRESENTED WITH EVERYDAY APPLICATIONS. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

PHYSICAL SCIENCE (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	TEACHER/ADMINISTRATION RECOMMENDATION; GPA 3.5.

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH AN INTRODUCTION TO THE BASIC CONCEPTS OF PHYSICS, CHEMISTRY, BIOLOGY, AND EARTH/SPACE SCIENCE AT THE HONORS LEVEL. TOPICS INCLUDE BUT ARE NOT LIMITED TO ELECTRICITY AND MAGNETISM, CHEMICAL INTERACTIONS, FORMS OF ENERGY, BIOTECHNOLOGY, ENVIRONMENTAL SYSTEMS AND NATURAL RESOURCES, AND SIMPLE MACHINES. TOPICS ARE PRESENTED WITH EVERYDAY APPLICATIONS. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

BIOLOGY – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	NONE

STUDENTS ARE INTRODUCED TO BASIC BIOLOGICAL CONCEPTS INCLUDING CELLULAR ORGANIZATION, PRINCIPALS OF GENETICS, BIOLOGICAL CHANGE THROUGH TIME, CLASSIFICATION AND TAXONOMY, AND ECOLOGICAL RELATIONSHIPS. THE STRUCTURE AND FUNCTION OF PLANTS AND ANIMALS ARE PRESENTED WITH SPECIAL EMPHASIS ON HUMAN BODY SYSTEMS. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

BIOLOGY (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	3.5 GPA TEACHER/ADMINISTRATION APPROVAL

STUDENTS ARE INTRODUCED TO BASIC BIOLOGICAL CONCEPTS INCLUDING CELLULAR ORGANIZATION, PRINCIPLES OF GENETICS, BIOLOGICAL CHANGE THROUGH TIME, CLASSIFICATION AND TAXONOMY, AND ECOLOGICAL RELATIONSHIPS. THE STRUCTURE AND FUNCTION OF PLANTS AND ANIMALS ARE PRESENTED WITH SPECIAL EMPHASIS ON HUMAN BODY SYSTEMS.

CHEMISTRY– REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	RECOMMENDED: ALGEBRA I; BIOLOGY, PHYSICAL SCIENCE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH THE STUDY OF THE COMPOSITION, PROPERTIES AND CHANGES ASSOCIATED WITH MATTER. THE CONTENT INCLUDES, BUT NOT BE LIMITED TO, CLASSIFICATION AND STRUCTURE OF MATTER, ATOMIC THEORY, PERIODIC LAWS, BONDING, CHEMICAL FORMULAS, REACTIONS AND BALANCED EQUATIONS, BEHAVIOR OF GASSES, ACIDS, BASES AND SALTS, AND THE NATURE OF ENERGY ASSOCIATED WITH PHYSICAL AND CHEMICAL CHANGES. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

CHEMISTRY (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	3.5 GPA, TEACHER/ADMINISTRATION APPROVAL

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH THE ADVANCED STUDY OF THE COMPOSITION, PROPERTIES AND CHANGES ASSOCIATED WITH MATTER. THE CONTENT SHOULD INCLUDE, BUT NOT BE LIMITED TO, CLASSIFICATION AND STRUCTURE OF MATTER, ATOMIC THEORY, PERIODIC LAWS, BONDING, CHEMICAL FORMULAS, REACTIONS AND BALANCED EQUATIONS. BEHAVIOR OF GASSES, ACIDS, BASES AND SALTS, AND THE NATURE OF ENERGY ASSOCIATED WITH PHYSICAL AND CHEMICAL CHANGES. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

SOCIAL SCIENCE

WORLD HISTORY – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	PLACEMENT CRITERIA

PROVIDES STUDENTS THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF THE DEVELOPMENT OF CIVILIZATION BY EXAMINING THE POLITICAL, ECONOMIC, SOCIAL, RELIGIOUS, MILITARY, SCIENTIFIC, AND CULTURAL EVENTS THAT HAVE AFFECTED HUMANITY.

WORLD HISTORY (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	3.5 GPA IN SOCIAL STUDIES, TEACHER/ADMINISTRATION APPROVAL

PROVIDES STUDENTS THE OPPORTUNITY TO ACQUIRE A COMPREHENSIVE UNDERSTANDING OF THE PAST IN TERMS OF WHAT HAS BEEN INTERPRETED ABOUT CHANGES AS IS RELATES TO THE DEVELOPMENT OF HUMANITY. THIS IS DONE BY ANALYZING THE POLITICAL, ECONOMIC, SOCIAL, RELIGIOUS, MILITARY, SCIENTIFIC, AND CULTURAL EVENTS THAT HAVE SHAPED AND MOLDED HUMANITY.

AMERICAN HISTORY – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	YEAR	ONE	NONE

THIS COURSE PROVIDES STUDENTS WITH THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF THE DEVELOPMENT OF THE AMERICAN PEOPLE BY EXAMINING THE POLITICAL, ECONOMIC, SOCIAL, RELIGIOUS, MILITARY, SCIENTIFIC, AND CULTURAL EVENTS THAT HAVE AFFECTED THE RISE AND GROWTH OF THE NATION.

AMERICAN HISTORY (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	YEAR	ONE	3.5 GPA IN SOCIAL STUDIES, TEACHER/ADMINISTRATION APPROVAL

THIS COURSE PROVIDES STUDENTS WITH THE OPPORTUNITY TO ACQUIRE AN IN-DEPTH AND COMPREHENSIVE UNDERSTANDING OF THE DEVELOPMENT OF THE AMERICAN PEOPLE BY EXAMINING THE POLITICAL, ECONOMIC, SOCIAL, RELIGIOUS, MILITARY, SCIENTIFIC, AND CULTURAL EVENTS THAT HAVE AFFECTED THE RISE AND GROWTH OF THE NATION.

AMERICAN GOVERNMENT – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	NONE

THIS COURSE PROVIDES STUDENTS THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF AMERICAN GOVERNMENT AND POLITICAL BEHAVIOR. SPECIFIC CONTENT WILL INCLUDE AN ANALYSIS OF THOSE DOCUMENTS WHICH SHAPE OUR POLITICAL TRADITIONS (THE DECLARATION OF INDEPENDENCE, THE CONSTITUTION AND THE BILL OF RIGHTS), A COMPARISON OF ROLES OF THE THREE BRANCHES OF GOVERNMENT AT THE LOCAL, STATE, AND NATIONAL LEVELS, AN UNDERSTANDING OF THE EVOLVING ROLE OF POLITICAL PARTIES AND INTEREST GROUPS IN DETERMINING GOVERNMENT POLICY, HOW THE RIGHTS AND RESPONSIBILITIES OF CITIZENS IN A DEMOCRATIC STATE HAVE EVOLVED AND BEEN INTERPRETED, AND THE IMPORTANCE OF CIVIC PARTICIPATION IN THE DEMOCRATIC POLITICAL PROCESS.

AMERICAN GOVERNMENT (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	3.5 GPA IN SOCIAL STUDIES, TEACHER/ADMINISTRATION APPROVAL

THIS COURSE PROVIDES STUDENTS WITH THE OPPORTUNITY TO ACQUIRE A COMPREHENSIVE UNDERSTANDING OF AMERICAN GOVERNMENT AND POLITICAL BEHAVIOR. SPECIFIC CONTENT WILL INCLUDE AN EVALUATION OF THOSE DOCUMENTS WHICH SHAPE OUR POLITICAL TRADITIONS (THE DECLARATION OF INDEPENDENCE, THE CONSTITUTION, AND THE BILL OF RIGHTS), AN ANALYSIS OF THE ROLES OF THE THREE BRANCHES OF GOVERNMENT AT THE LOCAL STATE, AND NATIONAL LEVELS, AND COMPARATIVE VIEW OF THE CHANGING NATURE OF POLITICAL PARTIES AND RIGHTS AND RESPONSIBILITIES IN DEMOCRATIC STATE, AND THE IMPORTANCE OF CIVIC PARTICIPATION IN THE DEMOCRATIC POLITICAL PROCESS.

ECONOMICS – REQUIRED

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	SEMESTER	ONE-HALF	NONE

THIS COURSE PROVIDES STUDENTS THE OPPORTUNITY TO ACQUIRE A COMPREHENSIVE UNDERSTANDING OF THE WAY IN WHICH SOCIETY UTILIZES ITS LIMITED RESOURCES TO SATISFY UNLIMITED WANTS AND THE DISTINGUISHING CHARACTERISTICS OF OTHER TYPES OF ECONOMIC SYSTEMS WITH PARTICULAR ATTENTION TO THE AMERICAN MIXED MARKET SYSTEM. THE MAJOR EMPHASIS IS TO PROVIDE THE STUDENTS WITH THE TOOLS TO EXAMINE AND ANALYZE THE IMPLICATIONS OF MARKET SOLUTIONS AND PUBLIC POLICY DECISIONS RELATED TO ECONOMY PROBLEMS.

ECONOMICS (HONORS)

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	SEMESTER	ONE-HALF	3.5 GPA IN SOCIAL STUDIES, TEACHER/ADMINISTRATION APPROVAL

THIS COURSE PROVIDES STUDENTS THE OPPORTUNITY TO ACQUIRE A COMPREHENSIVE AND IN-DEPTH UNDERSTANDING AT THE HONORS LEVEL OF THE WAY IN WHICH SOCIETY UTILIZES ITS LIMITED RESOURCES TO SATISFY UNLIMITED WANTS AND THE DISTINGUISHING CHARACTERISTICS OF OTHER TYPES OF ECONOMIC SYSTEMS WITH PARTICULAR ATTENTION TO THE AMERICAN MIXED MARKET SYSTEM. THE MAJOR EMPHASIS IS TO PROVIDE THE STUDENTS WITH THE TOOLS TO EXAMINE AND ANALYZE THE IMPLICATIONS OF MARKET SOLUTIONS AND PUBLIC POLICY DECISIONS RELATED TO ECONOMY PROBLEMS.

PHYSICAL EDUCATION

PERSONAL FITNESS 9

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP AN INDIVIDUAL OPTIMAL LEVEL OF PHYSICAL FITNESS, ACQUIRE KNOWLEDGE OF PHYSICAL FITNESS CONCEPTS AND ACQUIRE KNOWLEDGE OF THE SIGNIFICANCE OF LIFESTYLE TO ONE'S HEALTH AND FITNESS. THIS COURSE EXPANDS, AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

PERSONAL FITNESS 10

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP AN INDIVIDUAL OPTIMAL LEVEL OF PHYSICAL FITNESS, ACQUIRE KNOWLEDGE OF PHYSICAL FITNESS CONCEPTS AND ACQUIRE KNOWLEDGE OF THE SIGNIFICANCE OF LIFESTYLE TO ONE'S HEALTH AND FITNESS. THIS COURSE EXPANDS, AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

PERSONAL FITNESS 11

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP AN INDIVIDUAL OPTIMAL LEVEL OF PHYSICAL FITNESS, ACQUIRE KNOWLEDGE OF PHYSICAL FITNESS CONCEPTS AND ACQUIRE KNOWLEDGE OF THE SIGNIFICANCE OF LIFESTYLE TO ONE'S HEALTH AND FITNESS. THIS COURSE EXPANDS, AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

PERSONAL FITNESS 12

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP AN INDIVIDUAL OPTIMAL LEVEL OF PHYSICAL FITNESS, ACQUIRE KNOWLEDGE OF PHYSICAL FITNESS CONCEPTS AND ACQUIRE KNOWLEDGE OF THE SIGNIFICANCE OF LIFESTYLE TO ONE'S HEALTH AND FITNESS. THIS COURSE EXPANDS, AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

INDIVIDUALIZED TENNIS I – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO ACQUIRE KNOWLEDGE AND SKILLS IN TENNIS THAT MAY BE USED IN RECREATIONAL PURSUITS TODAY AS WELL AS IN LATER LIFE AND MAINTAIN AND/OR IMPROVE THEIR PERSONAL FITNESS. THIS COURSE EXPANDS AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

INDIVIDUALIZED TENNIS II – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. TENNIS I

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS INTRODUCED IN BEGINNING TENNIS THAT MAY BE USED IN RECREATIONAL PURSUITS TODAY AND IN LATER LIFE AND MAINTAIN AND/OR IMPROVE THEIR PERSONAL FITNESS.

INDIVIDUALIZED TENNIS III – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. TENNIS I AND II

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS IN TENNIS AND TO MAINTAIN AND/OR IMPROVE THEIR LEVEL OF PERSONAL FITNESS. THE CONTENT SHOULD INCLUDE, BUT NOT BE LIMITED TO, CONTINUED REFINEMENT OF BASIC SKILLS.

INDIVIDUALIZED TENNIS IV – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. TENNIS I, II, AND III

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS IN TENNIS AND TO MAINTAIN AND/OR IMPROVE THEIR LEVEL OF PERSONAL FITNESS. THE CONTENT SHOULD INCLUDE, BUT NOT BE LIMITED TO, CONTINUED REFINEMENT OF BASIC SKILLS.

INDIVIDUALIZED GOLF I – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO ACQUIRE KNOWLEDGE AND SKILLS IN GOLF THAT MAY BE USED IN RECREATIONAL PURSUITS TODAY AS WELL AS IN LATER LIFE AND MAINTAIN AND/OR IMPROVE THEIR PERSONAL FITNESS. THIS COURSE EXPANDS AND REFINES CONCEPTS AND ACTIVITIES THAT WERE INTRODUCED IN ELEMENTARY AND MIDDLE SCHOOL.

INDIVIDUALIZED GOLF II – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. GOLF I

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS INTRODUCED IN BEGINNING GOLF THAT MAY BE USED IN RECREATIONAL PURSUITS TODAY AND IN LATER LIFE, AND MAINTAIN AND/OR IMPROVE THEIR PERSONAL FITNESS.

INDIVIDUALIZED GOLF III – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. GOLF I AND II

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS IN GOLF AND TO MAINTAIN AND/OR IMPROVE THEIR LEVEL OF PERSONAL FITNESS. THE CONTENT SHOULD INCLUDE BUT NOT BE LIMITED TO, CONTINUED REFINEMENT OF BASIC SKILLS.

INDIVIDUALIZED GOLF IV – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF IND. GOLF I, II, AND III.

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO EXTEND THE ACQUISITION OF KNOWLEDGE AND THE DEVELOPMENT OF SKILLS IN GOLF AND TO MAINTAIN AND/OR IMPROVE THEIR LEVEL OF PERSONAL FITNESS. THE CONTENT SHOULD INCLUDE BUT NOT BE LIMITED TO, CONTINUED REFINEMENT OF BASIC SKILLS.

ELECTIVES

FOREIGN LANGUAGE ELECTIVES

SPANISH I – ELECTIVE

GRADE LEVEL 9, 10, 11, 12	LENGTH YEAR	CREDIT ONE	PREREQUISITES 9 TH GRADE STUDENTS MUST BE ENROLLED IN ENGLISH I OR ENGLISH I HONORS
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THIS COURSE INTRODUCES STUDENTS TO THE SPANISH LANGUAGE AND ITS CULTURE. THE CONTENT INCLUDES BEGINNING SKILLS IN SPEAKING, LISTENING, READING AND WRITING SPANISH. SPECIAL ATTENTION IS FOCUSED ON SPANISH PRONUNCIATION.

SPANISH II – ELECTIVE

GRADE LEVEL 9, 10, 11, 12	LENGTH YEAR	CREDIT ONE	PREREQUISITES SPANISH I OR MASTERY OF STUDENT PERFORMANCE STANDARDS CORRESPONDING TO SPANISH I
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THIS COURSE REINFORCED THE FUNDAMENTAL SKILLS ACQUIRED IN SPANISH I AND DEVELOPS STUDENTS' LISTENING, SPEAKING, READING, AND WRITING ABILITIES IN SPANISH.

SPANISH III – ELECTIVE

GRADE LEVEL 9, 10, 11, 12	LENGTH YEAR	CREDIT ONE	PREREQUISITES SPANISH II OR MASTERY OF STUDENT PERFORMANCE STANDARDS CORRESPONDING TO SPANISH II
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THIS COURSE REINFORCES AND EXPANDS THE SKILLS ACQUIRED BY THE STUDENTS IN SPANISH II. THE CONTENT INCLUDES THE EXPANSION OF VOCABULARY AND CONVERSATIONAL SKILLS THROUGH DISCUSSIONS BASED ON SELECTED READINGS. STUDENTS' ACQUISITION OF GRAMMATICAL CONCEPTS IS STRENGTHENED. VOCABULARY STUDY STRESSES ACTIVITIES WHICH ARE IMPORTANT TO EVERYDAY LIFE OF SPANISH-SPEAKING PEOPLES.

SPANISH IV – ELECTIVE

GRADE LEVEL 9, 10, 11, 12	LENGTH YEAR	CREDIT ONE	PREREQUISITES SPANISH III OR MASTERY OF STUDENT PERFORMANCE STANDARDS CORRESPONDING TO SPANISH III
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THIS COURSE CONCENTRATES ON THE MORE ADVANCED LANGUAGE STRUCTURES AND IDIOMATIC EXPRESSIONS, WITH EMPHASIS ON CONVERSATIONAL SKILLS. VOCABULARY IS EXPANDED. STUDENTS READ FROM A VARIETY OF SOURCES INCLUDING SPANISH LITERATURE.

FRENCH I – ELECTIVE

GRADE LEVEL 9,10,11,12	LENGTH YEAR	CREDIT ONE	PREREQUISITES 9 TH GRADE STUDENTS MUST BE ENROLLED IN ENGLISH I OR ENGLISH HONORS
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THIS COURSE INTRODUCES STUDENTS TO THE FRENCH LANGUAGE AND ITS CULTURE. THE CONTENT INCLUDES BEGINNING SKILLS IN SPEAKING, LISTENING READING AND WRITING FRENCH. SPECIAL ATTENTION IS GIVEN TO FRENCH PRONUNCIATION.

FRENCH II – ELECTIVE

GRADE LEVEL 9,10,11,12	LENGTH YEAR	CREDIT ONE	PREREQUISITES FRENCH I OR MASTERY OF STUDENT PERFORMANCE STANDARDS CORRESPONDING TO FRENCH I
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THIS COURSE REINFORCES THE FUNDAMENTAL SKILLS ACQUIRED IN FRENCH I AND DEVELOPS STUDENTS' LISTENING, SPEAKING, READING, AND WRITING ABILITIES IN FRENCH.

HUMANITIES ELECTIVES

HUMANITIES 1 – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	WORLD HISTORY, ENGLISH 9 APPROVAL OF ADMINISTRATION

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO EXAMINE, UNDERSTAND, AND RESPOND TO CREATIVE EFFORTS OF INDIVIDUALS AND SOCIETIES THROUGH INTERDISCIPLINARY STUDY OF THE ARTS AND THEIR CONNECTIONS TO AREAS SUCH AS HISTORY, LITERATURE, PHILOSOPHY, AND RELIGION FROM EARLY CIVILIZATION TO 1500.

HUMANITIES 2 – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	WORLD HISTORY, ENGLISH 9 APPROVAL OF ADMINISTRATION

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO EXAMINE, UNDERSTAND, AND RESPOND TO CREATIVE EFFORTS OF INDIVIDUALS AND SOCIETIES THROUGH INTERDISCIPLINARY STUDY OF THE ARTS AND THEIR CONNECTIONS TO AREAS SUCH AS HISTORY, LITERATURE, PHILOSOPHY, AND RELIGION SINCE 1500.

LANGUAGE ARTS-ELECTIVES

CONTEMPORARY LITERATURE - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO DEVELOP KNOWLEDGE OF CONTEMPORARY LITERATURE THROUGH INTEGRATED EDUCATIONAL EXPERIENCES IN THE LANGUAGE ARTS STRANDS. EMPHASIS WILL BE ON WORKS OF MAJOR CONTEMPORARY AUTHORS, REPRESENTING VARIOUS CULTURES, WHOSE WRITINGS REFLECT THE CHARACTERISTICS, PROBLEMS, AND THEMES OF MODERN CULTURE AND SOCIETY.

CREATIVE WRITING - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO INTRODUCE STUDENTS TO VARIOUS FORMS OF WRITING, SUCH AS SHORT FICTION, NONFICTION, POETRY AND DRAMA. STUDENTS WILL ALSO EXPERIMENT WITH WRITING THESE GENRES. EMPHASIS IS COMPRISED OF TECHNIQUE AND STYLE DISCUSSIONS, READING ASSIGNMENTS, AND WRITING EXERCISES.

INTENSIVE READING - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE	NONE

THE PURPOSE OF THIS COURSE IS TO CONTINUE THE DEVELOPMENT OF STUDENT READING SKILLS, AS WELL AS TO DEVELOP IN STUDENTS A REPERTOIRE OF SPECIFIC THINKING/LEARNING/STUDYING STRATEGIES WITH WHICH TO INTERACT WITH MEANINGFUL UNITS OF MATERIALS BEFORE, DURING, AND AFTER READING, LISTENING, OR VIEWING, ACCORDING TO THE DEMANDS OF THE TEXT.

JOURNALISM I

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	ADMINISTRATOR/TEACHER APPROVAL

THIS COURSE IS DESIGNED TO BE A BROAD-BASED COURSE, WHICH WILL ACQUAINT THE STUDENT WITH THE FUNDAMENTALS OF JOURNALISM. THE CONTENT INCLUDES INSTRUCTION IN THE HISTORY AND TRADITIONS OF JOURNALISM, PHOTOGRAPHY, LAYOUTS, ADVERTISING, PRINTING, AND OTHER PRACTICAL ASPECTS OF JOURNALISM. THE STUDENT WILL BE INVOLVED IN WORKSHOP EXPERIENCES THAT MAY INCLUDE WRITING EDITORIALS, SPORTS AND NEWS ARTICLES, ADVERTISING, OR FEATURE STORIES.

JOURNALISM II

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	ADMINISTRATOR/TEACHER APPROVAL

THIS COURSE IS DESIGNED TO BE A CONTINUATION OF THE CONTENT BEGUN IN JOURNALISM I. COURSE CONTENT INCLUDES INSTRUCTION IN THE HISTORY AND TRADITIONS OF JOURNALISM, PHOTOGRAPHY, LAYOUTS, ADVERTISING, PRINTING, AND OTHER PRACTICAL ASPECTS OF JOURNALISM. THE STUDENT WILL BE INVOLVED IN WORKSHOP EXPERIENCES THAT MAY INCLUDE WRITING EDITORIALS, SPORTS AND NEWS ARTICLES, ADVERTISING, OR FEATURE STORIES.

SPEECH – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION IN THE FUNDAMENTALS OF FORMAL AND INFORMAL ORAL COMMUNICATION.

WORLD LITERATURE – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO DEVELOP KNOWLEDGE OF WORLD LITERATURE THROUGH INTEGRATED EDUCATIONAL EXPERIENCES IN THE LANGUAGE ARTS STRANDS. EMPHASIS WILL BE ON REPRESENTATIVE LITERATURE OF VARIOUS CULTURES AND WORLD LITERARY MOVEMENTS FROM ANCIENT TIMES TO PRESENT, INCLUDING FICTION, NONFICTION, POETRY, AND DRAMA CHOSEN ON THE BASIS OF RELATIONSHIPS TO CONTEMPORARY CULTURAL, SOCIAL, AND LITERARY IDEAS AND CONCERNS.

SCIENCE ELECTIVES

ANATOMY AND PHYSIOLOGY – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO DEVELOP KNOWLEDGE OF THE HUMAN BODY AND TO FULFILL LABORATORY INVESTIGATIONS WHICH INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES, ALL OF WHICH ARE INTEGRAL TO THIS COURSE.

ENVIRONMENTAL SCIENCE - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE	NONE

THE PURPOSE OF THIS COURSE IS TO STUDY MAN'S INTERACTION WITH THE ENVIRONMENT. THE CONTENT SHOULD INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: FORMS OF POLLUTION, CONSERVATION, ENVIRONMENTAL PLANNING AND POLICY, PUBLIC LAND USAGES, POPULATION DYNAMICS AND MAJOR FORMS OF ENERGY.

MARINE SCIENCE - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	YEAR	ONE	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE AN OVERVIEW OF THE MARINE ENVIRONMENT. THE CONTENT SHOULD INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: THE NATURE OF SCIENCE, ORIGINS OF THE OCEANS, THE CHEMICAL, PHYSICAL, AND GEOLOGICAL ASPECTS OF THE MARINE ENVIRONMENT, ECOLOGY OF VARIOUS SEA ZONES, MARINE COMMUNITIES, DIVERSITY OF MARINE ORGANISMS, AND THE INTERRELATIONSHIP BETWEEN MAN AND OCEAN.

PHYSICS I – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	YEAR	ONE	SUCCESSFUL COMPLETION OF ALGEBRA I, ALGEBRA II, AND GEOMETRY, BIOLOGY, CHEMISTRY, TEACHER /ADMINISTRATION APPROVAL GPA 3.0

THE PURPOSE OF THIS COURSE IS TO PROVIDE OPPORTUNITIES TO STUDY THE CONCEPTS, THEORIES, AND LAWS GOVERNING THE INTERACTION OF MATTER, ENERGY, AND FORCES, AND THEIR APPLICATIONS THROUGH CLASSROOM DISCUSSION AND EXPLORATORY INVESTIGATIONS AND ACTIVITIES. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

PHYSICS I (HONORS) – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	YEAR	ONE	SUCCESSFUL COMPLETION OF ALGEBRA I, ALGEBRA II, AND GEOMETRY, BIOLOGY, CHEMISTRY, TEACHER/ADMINISTRATION APPROVAL, GPA 3.5

THE PURPOSE OF THIS COURSE IS TO PROVIDE OPPORTUNITIES AT THE HONORS LEVEL TO STUDY THE CONCEPTS, THEORIES, AND LAWS GOVERNING THE INTERACTION OF MATTER, ENERGY, AND FORCES, AND THEIR APPLICATIONS THROUGH CLASSROOM DISCUSSION AND EXPLORATORY INVESTIGATIONS AND ACTIVITIES. LABORATORY INVESTIGATIONS INCLUDE THE USE OF SCIENTIFIC INQUIRY, RESEARCH, MEASUREMENT, PROBLEM SOLVING, LABORATORY APPARATUS AND TECHNOLOGIES, EXPERIMENTAL PROCEDURES, AND SAFETY PROCEDURES.

ZOOLOGY – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	SUCCESSFUL COMPLETION OF PHYSICAL SCIENCE, BIOLOGY, CHEMISTRY, TEACHER/ADMINISTRATOR APPROVAL

ZOOLOGY IS THE STUDY OF ANIMALS. THE COURSE IS ORGANIZED INTO THREE PARTS: PART ONE COVERS THE COMMON LIFE PROCESSES INCLUDING CELL AND TISSUE STRUCTURE AND FUNCTION, GENETICS, AND THE ECOLOGICAL PRINCIPLES THAT UNIFY ALL LIFE. PART TWO IS THE SURVEY OF PROTISTS AND ANIMALS AND ASPECTS OF ANIMAL ORGANIZATION THAT UNITE MAJOR ANIMAL PHYLA, AND ANIMAL ADAPTATION. PART THREE COVERS ANIMAL FORM AND FUNCTION USING A COMPARATIVE APPROACH BALANCING INVERTEBRATE AND VERTEBRATE DESCRIPTIONS.

SOCIAL SCIENCE ELECTIVES

CONTEMPORARY HISTORY – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	SEMESTER	ONE-HALF	NONE

THIS COURSE PROVIDES STUDENTS WITH AN UNDERSTANDING OF THE DEVELOPMENT OF THE CONTEMPORARY WORLD WITHIN THE CONTEXT OF HISTORY IN ORDER TO UNDERSTAND EVENTS DURING THEIR LIFETIME. STUDENTS USE KNOWLEDGE PERTAINING TO HISTORY, GEOGRAPHY, ECONOMICS, POLITICAL PROCESSES, RELIGION, ETHICS, DIVERSECULTURES AND HUMANITIES TO SOLVE PROBLEMS IN ACADEMIC, CIVIC, SOCIAL, AND EMPLOYMENT SETTINGS.

FLORIDA HISTORY – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF FLORIDA HISTORY IS TO PROVIDE STUDENTS WITH THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF THE CONTEMPORARY AND HISTORICAL POLITICAL, ECONOMIC, AND SOCIAL DEVELOPMENT OF THE STATE OF FLORIDA AND TO APPLY NEW KNOWLEDGE AND SKILLS IN THE DEVELOPMENT OF VALUE JUDGMENTS ABOUT THE AFFAIRS OF THE STATE IN THE CONTEXT OF COMMUNITY, STATE, NATION, AND WORLD CONCERNS.

INTERNATIONAL RELATIONS – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

STUDENTS LEARN TO FUNCTION EFFECTIVELY IN A GLOBAL COMMUNITY, UNDERSTANDING THE NATURE OF THE MODERN NATIONAL STATE, NATIONAL GOALS, AND HOW NATIONS COMMUNICATE AND NEGOTIATE TO FACILITATE THESE GOALS.

LAW STUDIES – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	NONE

STUDENTS LEARN THAT THE AMERICAN LEGAL SYSTEM IS THE FOUNDATION OF AMERICAN SOCIETY. IN ORDER TO FUNCTION EFFECTIVELY, STUDENTS EXAMINE THOSE LAWS WHICH HAVE AN IMPACT ON CITIZENS' LIVES AND ARE PROVIDED WITH AN INTRODUCTION TO FUNDAMENTAL CIVIL AND CRIMINAL JUSTICE PROCEDURES.

PSYCHOLOGY - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF HUMAN BEHAVIOR, BEHAVIORAL INTERACTION, AND THE PROGRESSIVE DEVELOPMENT OF INDIVIDUALS.

SOCIOLOGY - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF SOCIOLOGY IS TO PROVIDE STUDENTS WITH THE OPPORTUNITY TO ACQUIRE AN UNDERSTANDING OF GROUP INTERACTION AND ITS IMPACT ON INDIVIDUALS.

WESTERN CIVILIZATION – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9, 10, 11, 12	SEMESTER	ONE-HALF	NONE

STUDENTS ARE PROVIDED WITH THE OPPORTUNITY TO EXPLORE, UNDERSTAND AND APPRECIATE THE ART, MUSIC, LITERATURE, AND PHILOSOPHY OF WESTERN CIVILIZATION. THEY UNDERSTAND ITS INFLUENCE ON THE DEVELOPMENT OF CONTEMPORARY WESTERN CULTURE. STUDENTS REALIZE AND APPRECIATE HOW THE ARTS INFLUENCE, AND ARE INFLUENCED BY, THE POLITICS, ECONOMICS, AND RELIGIONS OF THE TIME.

WORLD CULTURAL GEOGRAPHY – ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	NONE

STUDENTS DEVELOP MULTICULTURAL UNDERSTANDING AND USE GEOGRAPHICAL CONCEPTS AND SKILLS TO ACQUIRE INFORMATION AND SYSTEMICALLY APPLY DECISION-MAKING PROCESSES TO REAL LIFE SITUATIONS. THEY WILL ACQUIRE AN UNDERSTANDING OF INTERRELATIONSHIPS BETWEEN PEOPLE AND THEIR ENVIRONMENT.

TECHNOLOGY

COMPUTER APPLICATION

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
11, 12	SEMESTER	ONE-HALF	ADMINISTRATIVE APPROVAL

THIS COURSE PROVIDES A FOUNDATION IN INFORMATION TECHNOLOGY CONCEPTS, OPERATING SYSTEMS AND COMPUTER APPLICATIONS. STUDENTS WILL COVER COMPUTER CONCEPTS AND INTERNET SKILLS, AND USES MICROSOFT OFFICE WHICH INCLUDES WORD PROCESSING, SPREADSHEET, DATABASE, AND PRESENTATION SOFTWARE TO DEMONSTRATE SKILLS AND COMPUTER APPLICATIONS.

COLLEGE PREPARATORY ELECTIVE

SAT PREPARATION - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
10, 11, 12	SEMESTER	ONE-HALF	ADMINISTRATIVE APPROVAL

STUDENTS WILL PREPARE THROUGH STUDY MATERIALS AND DIRECT INSTRUCTION FOR THE SAT WITH EMPHASIS ON READING, ENGLISH, AND MATHEMATICS.

WRITING FOR COLLEGE SUCCESS - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO DEVELOP STUDENTS WRITING AND LANGUAGE SKILLS NEEDED FOR SUCCESS IN COLLEGE. THE COURSE INCORPORATES LANGUAGE STUDY, THE PRACTICE OF WRITING CRAFT STRATEGIES AND THE ANALYSIS OF WRITING SELECTIONS TO DEVELOP CRITICAL WRITING SKILLS NECESSARY FOR SUCCESS IN COLLEGE COURSES REQUIRING EXTENSIVE WRITING SKILLS.

READING FOR COLLEGE SUCCESS - ELECTIVE

GRADE LEVEL	LENGTH	CREDIT	PREREQUISITES
9,10,11,12	SEMESTER	ONE-HALF	NONE

THE PURPOSE OF THIS COURSE IS TO DEVELOP THE READING SKILLS STUDENTS NEED FOR SUCCESS IN COLLEGE. THIS COURSE CONCENTRATES ON READING AND ANALYSIS OF INFORMATIONAL TEXT SELECTIONS TO DEVELOP THE CRITICAL READING SKILLS NECESSARY FOR A STUDENT TO BE SUCCESSFUL IN COLLEGE COURSES.

MIDDLE SCHOOL COURSES

LANGUAGE ARTS

MATHEMATICS

SCIENCE

SOCIAL STUDIES

PHYSICAL EDUCATION

MIDDLE SCHOOL REQUIREMENTS

REQUIRED ACADEMIC COURSES:

6TH GRADE: MATHEMATICS, LANGUAGE ARTS, READING, SCIENCE, AND SOCIAL STUDIES.

7TH GRADE: MATHEMATICS, LANGUAGE ARTS, READING, SCIENCE, AND SOCIAL STUDIES.

8TH GRADE: MATHEMATICS, LANGUAGE ARTS, READING, SCIENCE, AND SOCIAL STUDIES.

MIDDLE SCHOOL COURSE REQUIREMENTS (6, 7, 8):

THREE YEARS IN MATHEMATICS

THREE YEARS IN COMMUNICATIONS, WHICH SHALL BE DEFINED TO INCLUDE EXPERIENCES IN READING, WRITING, AND SPEAKING.

THREE YEARS IN SOCIAL STUDIES, WHICH SHALL INCLUDE WORLD GEOGRAPHY AND THE STUDY OF UNITED STATES HISTORY (Section 1 and 2).

THREE YEARS IN SCIENCE, WHICH SHALL INCLUDE THE CONCEPTS OF LIFE, EARTH/SPACE AND PHYSICAL SCIENCE

PHYSICAL EDUCATION SHALL BE REGULARLY SCHEDULED EACH YEAR AS DETERMINED BY ACADEMY ATHLETIC STAFF.

LANGUAGE ARTS

LANGUAGE ARTS GRADE 6 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
6	YEAR	PROMOTION TO OR PLACEMENT IN 6 TH GRADE AND SCHOOL REQUIREMENTS

THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION IN LITERATURE, READING, WRITING, AND ORAL COMMUNICATION.

LANGUAGE ARTS GRADE 7 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
7	YEAR	PROMOTION TO OR PLACEMENT IN 7 TH GRADE AND SCHOOL REQUIREMENTS

THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION IN LITERATURE, READING, WRITING, AND ORAL COMMUNICATION.

LANGUAGE ARTS GRADE 8 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
8	YEAR	PROMOTION TO OR PLACEMENT IN 8 TH GRADE AND SCHOOL REQUIREMENTS

THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION IN LITERATURE, READING, WRITING, AND ORAL COMMUNICATION.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – ELECTIVE

GRADE LEVEL 6, 7, 8	LENGTH YEAR	PREREQUISITES NONE
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THE PURPOSE OF THIS COURSE IS TO PROVIDE INSTRUCTION TO SPEAKERS OF OTHER LANGUAGES WHO ARE CLASSIFIED AS LESS THAN INDEPENDENT IN ENGLISH. THE MAIN GOAL OF THE PROGRAM IS THE ACQUISITION OF ENGLISH COMMUNICATION SKILLS. THE CONTENT INCLUDES PRACTICE IN THE DEVELOPMENT OF LISTENING, SPEAKING, READING, AND WRITING SKILLS, AND THE UNDERSTANDING OF AMERICAN CULTURE AS EXPRESSED IN LITERATURE AND LANGUAGE.

MATHEMATICS

THE PURPOSE OF THIS COURSE IS TO PROVIDE CONTINUATION IN THE DEVELOPMENT OF ELEMENTARY SKILLS OF ARITHMETIC AND OTHER MATHEMATICAL CONTENT FUNDAMENTAL FOR HIGHER LEVEL COURSE WORK.

MATHEMATICS 6 – REQUIRED

GRADE LEVEL 6	LENGTH YEAR	PREREQUISITES: PLACEMENT TEST PROMOTION TO OR PLACEMENT IN 6 th GRADE AND SCHOOL REQUIREMENTS.
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THE PURPOSE OF THIS COURSE IS TO CONTINUE DEVELOPING THE SKILLS OF ARITHMETIC AND OTHER MATHEMATICAL CONTENT FUNDAMENTALS FOR HIGHER LEVEL COURSE WORK.

MATHEMATICS 7 – REQUIRED

GRADE LEVEL 7	LENGTH YEAR	PREREQUISITES: PLACEMENT TEST PROMOTION TO OR PLACEMENT IN 7 th GRADE AND SCHOOL REQUIREMENTS.
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THE PURPOSE OF THIS COURSE IS TO CONTINUE DEVELOPING THE SKILLS OF ARITHMETIC AND OTHER MATHEMATICAL CONTENT FUNDAMENTALS FOR HIGHER LEVEL COURSE WORK.

MATHEMATICS 7 – PRE-ALGEBRA - ELECTIVE

GRADE LEVEL 7	LENGTH YEAR	PREREQUISITES: PLACEMENT TEST OR 'A' AVERAGE IN MATHEMATICS OR TEACHER RECOMMENDATION MAY NOT BE TAKEN AFTER SUCCESSFUL COMPLETION OF ALGEBRA I
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TOPICS SHALL INCLUDE, BUT NOT BE LIMITED TO, OPERATIONS WITH RATIONAL NUMBERS, VARIABLES, RATIO AND PROPORTION, PERCENTS, GRAPHS, SETS, NUMBER THEORY, PROPERTIES OF RATIONAL NUMBERS, EQUATIONS AND INEQUALITIES, EXPONENTS, EVALUATION OF FORMULAS, RECTANGULAR COORDINATE SYSTEM, ALGEBRAIC EXPRESSIONS, THE PYTHAGOREAN THEOREM, SQUARE ROOTS, POLYNOMIALS, AND FACTORING.

MATHEMATICS 8 – PRE-ALGEBRA REQUIRED

GRADE LEVEL 8	LENGTH YEAR	PREREQUISITES: NONE, MANDATORY COURSE
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TOPICS SHALL INCLUDE, BUT NOT BE LIMITED TO, OPERATIONS WITH RATIONAL NUMBERS, VARIABLES, RATIO AND PROPORTION, PERCENTS, GRAPHS, SETS, NUMBER THEORY, PROPERTIES OF RATIONAL NUMBERS, EQUATIONS AND INEQUALITIES, EXPONENTS, EVALUATION OF FORMULAS, RECTANGULAR COORDINATE SYSTEM, ALGEBRAIC EXPRESSIONS, THE PYTHAGOREAN THEOREM, SQUARE ROOTS, POLYNOMIALS, AND FACTORING.

MATHEMATICS 8 ALGEBRA I - ELECTIVE

GRADE LEVEL 8	LENGTH YEAR	CREDIT ONE	PREREQUISITES STUDENTS MUST HAVE EARNED AN "A" IN PRE ALGEBRA
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THIS COURSE IS DESIGNED TO DEVELOP THE CONCEPTS AND SKILLS IN FIRST YEAR ALGEBRA. TOPICS SHALL INCLUDE OPERATIONS WITH RATIONAL NUMBERS, VARIABLES, RATIO AND PROPORTION, GRAPHS, SETS, NUMBER THEORY, EQUATIONS, POLYNOMIALS, ALGEBRAIC EXPRESSIONS AND FACTORING.

*****TO EARN A CREDIT IN ALGEBRA I WHILE IN 8TH GRADE, A GRADE OF 'A' MUST BE EARNED EACH SEMESTER*****

SCIENCE

COMPREHENSIVE SCIENCE 6 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
6	YEAR	SUCCESSFUL COMPLETION OF COMPREHENSIVE SCIENCE I.

THE PURPOSE OF THIS COURSE IS TO PROVIDE THE FIRST YEAR OF A SEQUENTIAL THREE-YEAR COURSE OF STUDY IN EXPLORATORY EXPERIENCES AND ACTIVITIES IN CONCEPTS OF THE LIFE, EARTH/SPACE, AND PHYSICAL SCIENCES.

COMPREHENSIVE SCIENCE 7 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
7	YEAR	SUCCESSFUL COMPLETION OF COMPREHENSIVE SCIENCE I.

THE PURPOSE OF THIS COURSE IS TO PROVIDE THE SECOND YEAR OF A SEQUENTIAL THREE-YEAR COURSE OF STUDY IN EXPLORATORY EXPERIENCES AND ACTIVITIES IN CONCEPTS OF THE LIFE, EARTH/SPACE, AND PHYSICAL SCIENCES.

COMPREHENSIVE SCIENCE 8 – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
8	YEAR	SUCCESSFUL COMPLETION OF COMPREHENSIVE SCIENCE I.

THE PURPOSE OF THIS COURSE IS TO PROVIDE THE THIRD YEAR OF A SEQUENTIAL THREE-YEAR COURSE OF STUDY IN EXPLORATORY EXPERIENCES AND ACTIVITIES IN CONCEPTS OF THE LIFE, EARTH/SPACE, AND PHYSICAL SCIENCES.

SOCIAL STUDIES

WORLD GEOGRAPHY

GRADE LEVEL	LENGTH	PREREQUISITES
6	YEAR	NONE

THIS COURSE IS DESIGNED TO BUILD ON STUDENTS' PRIOR KNOWLEDGE AND SKILL SETS IN THE APPLICATION OF GEOGRAPHIC INFORMATION AND TOOLS TO UNDERSTAND COMPLEX RELATIONS BETWEEN THE PHYSICAL ENVIRONMENT AND HUMAN EXISTENCE. WHILE FOCUSING ON EACH PART OF THE WORLD, STUDENTS ARE ABLE TO RECOGNIZE CHARACTERISTICS DISTINGUISHING EACH CONTINENT. EACH REGIONAL STUDY ENCOMPASSES AN IN-DEPTH STUDY OF THE PHYSICAL GEOGRAPHY, CULTURE, ECONOMY, GOVERNMENT, AND SOCIAL DYNAMICS DEFINING THE LAND AND PEOPLE. AN HISTORICAL ELEMENT IS INTERTWINED INTO THE REGIONAL STUDIES, AS AN INVESTIGATION OF THE EARLIEST CIVILIZATIONS DEMONSTRATES HOW AND WHY PEOPLE MIGRATED TO DIFFENT LOCATIONS, AND HOW THE PEOPLE IN THESE PLACES SURVIVED AND ADVANCED WITH AVAILABLE RESOURCES.

UNITED STATES HISTORY (I) - REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
7	YEAR	NONE

THE PURPOSE OF THIS COURSE IS TO ENABLE STUDENTS TO UNDERSTAND THE DEVELOPMENT OF THE UNITED STATES BY EXAMINING THE VAST PERIOD (1492-1877), FROM EXPLORATION THROUGH COLONIZATION AND THE SOCIAL, POLITICAL, AND ECONOMIC CHANGES THAT SHAPED THE GOVERNMENT- EVENTUALLY FORGING ONE NATION. STUDENTS WILL USE KNOWLEDGE OF U.S. HISTORY, GEOGRAPHY, ECONOMICS, POLITICAL PROCESSES, RELIGION, ETHICS AND DIVERSITY OF CULTURE- TO GAIN UNDERSTANDING ON THE BIRTH OF A NATION.

UNITED STATES HISTORY (II) – REQUIRED

GRADE LEVEL	LENGTH	PREREQUISITES
8	YEAR	NONE

THE PURPOSE OF THIS COURSE IS TO PROVIDE THE OPPORTUNITY TO ACQUIRE KNOWLEDGE AND UNDERSTANDING OF THE HERITAGE OF THE UNITED STATES AND ITS RELATIONSHIP TO THE PRESENT.

PHYSICAL EDUCATION

PHYSICAL FITNESS GRADE 6 – ELECTIVE

GRADE LEVEL 6	LENGTH YEAR	PREREQUISITES NONE
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THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP COMPETENCE IN LOCOMOTOR SKILLS, APPLY THIS KNOWLEDGE AND SKILL IN ALL MOVEMENT FORMS, AND IMPROVE THEIR KNOWLEDGE AND LEVEL OF INDIVIDUAL FITNESS.

PHYSICAL FITNESS GRADE 7 – ELECTIVE

GRADE LEVEL 7	LENGTH YEAR	PREREQUISITES NONE
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THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP COMPETENCE IN LOCOMOTOR SKILLS, APPLY THIS KNOWLEDGE AND SKILL IN ALL MOVEMENT FORMS, AND IMPROVE THEIR KNOWLEDGE AND LEVEL OF INDIVIDUAL FITNESS.

PHYSICAL FITNESS GRADE 8 – ELECTIVE

GRADE LEVEL 8	LENGTH YEAR	PREREQUISITES NONE
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THE PURPOSE OF THIS COURSE IS TO PROVIDE STUDENTS WITH OPPORTUNITIES TO DEVELOP COMPETENCE IN LOCOMOTOR SKILLS, APPLY THIS KNOWLEDGE AND SKILL IN ALL MOVEMENT FORMS, AND IMPROVE THEIR KNOWLEDGE AND LEVEL OF INDIVIDUAL FITNESS.