

**New Dimensions
High School**

**Course Selection
Catalog**

2011 2012

New Dimensions High School

"Celebrating Success,
Creating Pride"

4900 Old Pleasant Hill Road
Kissimmee, FL 34759
(407) 870-9949
www.NewDimensionsHS.com

Mission Statement

"Learning is participatory, involving hope, curiosity, and commitment so that action becomes a legitimate result of learning."

New Dimensions High School's Beliefs

- Every student can be successful
- Everyone is a life-long learner.
- Every student can exceed expectations.
- Every student is capable of obtaining and applying knowledge.
- Everyone is capable of fulfilling his or her life-long dreams.

NOTE

A skilled staff, serving as positive role models in a caring environment and dedicated to human resource development, will recognize and nurture the worth of the individual. New Dimensions High School will actively solicit citizen involvement and recognize its role in the development of a healthy, vibrant community.

All present and future programs will be compatible with our mission statement.

Southern Association of Colleges and Schools Accreditation (SACS)

New Dimensions High School is accredited through the Southern Association of Colleges and Schools. This association guarantees that each accredited school provides the elements necessary for a quality educational program. It certifies that the high schools have met appropriate standards, have carefully examined their strengths and weaknesses, and have developed a plan for continued improvement.

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March 2011

Dear New Dimensions High School Students:

We would like to welcome you to New Dimensions High School! We look forward to working with you this year. It is you who will make New Dimensions High School great!

During the year, we will strive to provide you with many opportunities to learn, to grow as an individual, and to achieve success. It will be up to you to take advantage of those opportunities.

Good luck in the coming year. We know together we'll make this the most rewarding and successful year yet.

Sincerely,

*Dr. Jackie Grimm & Dr. Tina Cafiero
NDHS Directors*

**For more information about NDHS, please visit our Web Page:
<http://www.NewDimensionsHS.com>**

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ANNUAL REGISTRATION INSTRUCTIONS FOR STUDENTS

As a student enrolled in New Dimensions High School, you are given the opportunity each Spring to select course work for the following year. It is important that you **involve your parents** in course selection, that you make certain you take the proper prerequisites, and that you keep high school graduation requirements, scholarship, and career objectives in mind.

This guide is designed to aid you in making appropriate choices by providing brief program and course descriptions, prerequisites, and other information pertinent to this process. In order to complete registration successfully, you are urged to follow the steps identified below:

1. **READ** the curriculum guide carefully.
2. **REVIEW** the list of graduation requirements and determine which requirements have been met and which courses need to be taken next year. Consider courses which need be repeated because of lost credit.
3. **TALK** to your parents and teachers about course selections and appropriate academic levels.
4. **SELECT** your major area of interest (see page 26).
5. **SELECT** courses that will correspond to or complement your goals for the future.

Course selection represents a commitment on the part of the student and parent to complete the schedule of classes chosen. Requests for schedule changes can only be honored for the following reasons:

- a. Scheduling error (Example: request Algebra 1 and received Algebra 2)
- b. Failure to complete a prerequisite course or requirement
- c. Graduation or college requirement omitted from schedule
- d. Special programs requiring unique schedules, (Examples: Tech Prep, Gold Seal, Choral, Exceptional Student Education, Dual Enrollment, Advanced Placement, etc.), or
- e. Summer school course completion.

Additionally, the administration reserves the right to make necessary changes based on class size and teacher load as determined by SACS/District Standards.

GRADUATION REQUIREMENTS AND INFORMATION

Graduation from New Dimensions High School is determined by the number of credits earned, with one credit representing the successful completion of eighteen weeks of study in a specific course. A minimum of 30 credits must be earned in grades 9-12. In addition to taking the required course work, in order to graduate you must:

- Have earned a cumulative grade point average of at least 2.0 on a 4.0 scale.
- Have demonstrated mastery of the Sunshine State Standards through the Florida Comprehensive Assessment Test (FCAT). It is essential that you recognize the importance of this examination and that you review the standards on which you will be tested prior to taking it.
- Score above the state average on the Florida Writes Assessment.
- ALGEBRA 1 and Biology are graduation requirements.
- Pass the 11th grade FCAT Science

4 – YEAR GRADUATION PLAN

Major:		FCAT Math:		FCAT Write:		FCAT Read:		FCAT Science:		Graduation Option:	
GRADE 9 YEAR:		GRADE 10 YEAR:		GRADE 11 YEAR:		GRADE 12 YEAR:					
Subject Area	Course Name	Sem 1	Sem 2	Subject Area	Course Name	Sem 1	Sem 2	Subject Area	Course Name	Sem 1	Sem 2
Language Arts				Language Arts				Language Arts			
Mathematics				Mathematics				Mathematics			
Science				Science				Science			
Social Studies				Social Studies				Social Studies			
Major Elective				Major Elective				Major Elective			
PE/Health				Elective				Elective			
Elective				Elective				Elective			
Elective				Elective				Elective			
Total Credits Earned				Total Credits Earned				Total Credits Earned			
GRADE 11 YEAR:											
Subject Area	Course Name	Sem 1	Sem 2	Subject Area	Course Name	Sem 1	Sem 2	Subject Area	Course Name	Sem 1	Sem 2
Language Arts				Language Arts				Language Arts			
Mathematics				Mathematics				Mathematics			
Science				Science				Science			
Social Studies				Social Studies				Social Studies			
Major Elective				Major Elective				Major Elective			
PE Elective				Elective				Elective			
Elective				Elective				Elective			
Elective				Elective				Elective			
Total Credits Earned				Total Credits Earned				Total Credits Earned			

FLORIDA'S Bright Futures SCHOLARSHIP Program

General Information:

The Florida Bright Futures Scholarship Program establishes a lottery-funded scholarship to reward any Florida high school graduate who merits recognition of high academic achievement. The Bright Futures Scholarship Program is the umbrella program for all state-funded scholarships based on academic achievement in high school.

General Eligibility Requirements:

- Be a Florida resident
- Earn a standard high school diploma or its equivalent from a public or private high school, or complete a home education program
- Be accepted by and enrolled in an eligible Florida public or independent post secondary education institution.
- Be enrolled for at least six (6) semester credit hours or the equivalent.
- Not have been found guilty of or pled nolo contendere to a felony charge.
- Apply for a scholarship during the last semester before high school graduation.

Scholarships:

There are varying combinations of GPA, SAT/ACT scores, and course requirements to qualify for scholarships.

- *Florida Academic Scholars Award*
- *Florida Merit Scholars Award*
- *Florida Gold Seal Vocational Scholars Award*

Please visit the NDHS Scholarship web page for more information at www.NewDimensionsHS.com .

Exam Exemption:

Any student may exempt their final exams if they meet the following requirements:

- If the student has an A average in the class they may have up to 2 absences from that class.
- If the student has a “B” in the class they may only miss 1 day of class.
- Only the following types of absences do not count against the student:
 - ✓ Medical
 - ✓ Court
 - ✓ Field Trips or School Activities
 - ✓ Documented Religious Observances
- Exams for some classes cannot be exempt, exceptions to the exam exemption rules will be noted in course syllabi

Extracurricular Participation

Extracurricular activities include any after school, faculty sponsored activities, such as athletic competitions, musical performances, and club meetings. In order for a student to participate in extracurricular activities, he or she must maintain a 1.75 grade point average in grades 9 and 10 and a 2.0 GPA in grades 11 and 12. Grade point averages are based on a 4.0 scale for the grading period immediately preceding participation. A student must also have an overall 2.0 grade point average for the preceding school year in order to be eligible and must be progressing satisfactorily toward graduation without having repeated the previous grade.

Clubs:

Art Club	F.B.L.A.	Soccer
Basketball	Freshman Class	Sophomore Class
Baseball	Girls Tennis	Student Council
Chess	Interact Club	Student of the Month
Chorus	Junior Class	Teen Leadership
Dance	Lit Magazine	Teen Summit
Debate/Quiz Bowl	National Honor Society	Volleyball
Drum Line	Running Club	Yearbook/Newspaper
Environmental Club	Senior Class	

DE, AP, and FLVS Programs

Dual Enrollment

Is an opportunity for students to take college level courses with Valencia Community College. Please see your Director for further information and applications for Valencia and taking the CPT.

AP (Advanced Placement Program)

Students interested in potential college course credit can enroll in several of the AP courses available *:

- Biology
- English Language
- English Literature
- Human Geography
- Statistics
- American History
- Spanish
- US Government and Politics

Students must meet pre-requisites to enroll. Students who score 3 or higher on the AP exam are eligible to receive college credit from colleges and universities. Most colleges accept AP credit, but the student should check the policy of the college choice.

*AP course selections are subject to change.

Advanced Placement (AP) Tests

Advanced placement tests are given at the completion of an advanced placement course. (See curriculum guide for complete listing of courses) The exams are administered in May and the results mailed to the home, high school, and specified colleges. Most colleges accept AP credit, but the student should check the policy of the college choice.

Florida Virtual School

Florida Virtual School offers many on-line courses for students who want to take courses for remediation, want to complete graduation requirements, or want to take courses not offered at NDHS. You can find the complete listing at www.FLVS.net . An example of some courses not offered at NDHS are:

- Reviews for AP exams
- Journalism
- Advanced Algebra with Financial Applications
- Introduction of Informational Technology
- Guitar 1
- Critical Thinking (SAT Prep)

CONCENTRATED CURRICULUM DESCRIPTION

Sample 4X4 Schedule

The basic educational program is offered in a school day of four instructional blocks of 90 minutes in length. This means a student will earn 4 credits from August through January and 4 credits from January through June.

FRESHMAN TERM 1

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
English 1	World Geography	PE/Health	Major Elective 1 (SEE PAGE 24)

TERM 2

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
Earth Space Science	Algebra 1	Career Research/ Community Service	Elective

SOPHOMORE TERM 1

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
Biology	Geometry	Elective	Major Elective 2 (SEE PAGE 24)

TERM 2

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
English 2	Elective	World History	Elective

CONCENTRATED CURRICULUM DESCRIPTION

Sample 4X4 Schedule

The basic educational program is offered in a school day of four instructional blocks of 90 minutes in length. This means a student will earn 4 credits from August through January and 4 credits from January through June.

JUNIOR TERM 1

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
English 3	American History	Foreign Language	Major Elective 3 (SEE PAGE 24)

TERM 2

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
Algebra 2	Elective	Science	Elective

SENIOR TERM 1

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
Major Elective 4 (SEE PAGE 24)	Pre-Calculus	Foreign Language	Dual Enrollment / AP

TERM 2

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4
English 4	Physics	American Gov/Economics	Dual Enrollment / AP

COURSE DESCRIPTIONS

Students are reminded that elective course offerings are determined by the availability of facilities and the number of student requests. Therefore, not all elective courses are offered. Students should contact their guidance counselor if they have any questions regarding a course or program in which they are interested. Descriptors used to designate course data appear below.

TECHNICAL EDUCATION

BUSINESS EDUCATION

82090201

COMPUTING FOR COLLEGES & CAREERS

This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today's business environment. Emphasis will be placed on developing proficiency with computers using database, spreadsheets, presentation applications, and integration of these programs using software that meets industry standards. Much of the class is based around the Microsoft Office Suite and a variety of internet applications.

Grades 9-12

Prerequisite: None

82095101

DIGITAL DESIGN 1

This course is a studio course designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout and design, and digital imaging.

Grades 10-12 *Prerequisite: Business Sys. Tech*

82095201

DIGITAL DESIGN 2

This is an accelerated course that explores digital information and advertising. Topics include an overview of industry standard software for page layout and design, drawing and image manipulation, and various methods of reproduction for print and electronic delivery. This course is further designed for the student who is self-paced and independent. The student will be challenged to build upon skills developed in Digital Design I. Throughout this course

Grades 10-12 *Prerequisite: Digital Design 1*

82095301

DIGITAL DESIGN 3

This is an accelerated course that explores digital information and advertising. Topics include an overview of industry standard software for page layout and design, drawing and image manipulation, and various methods of reproduction for print and electronic delivery. This course is further designed for the student who is self-paced and independent. The student will be challenged to build upon skills developed in Digital Design I. Throughout this course students will work on the school Yearbook as their semester project.

Grades 10-12 *Prerequisite: Digital Design 2*

DIVERSIFIED OCCUPATIONS

05005001

PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 1, 2, 3, 4 (OJT)

The purpose of this course is to provide students with on-the-job training based on the student's chosen occupation. This course prepares students for employment and advancement in an occupation.

Grades 11, 12

Prerequisite: Proof of Employment

TECHNOLOGY STUDIES

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of technology and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

86005101

TECHNOLOGY STUDIES 1

This course provides students with an introduction to the knowledge, human relations, and technological skills found today in technical professions.

Grades 9-12

Prerequisite: None

86006101

TECHNOLOGY STUDIES 2

This program provides students with an intermediate understanding of the knowledge, human relations, and technological skills found today in technical professions.

Grades 10-12

Prerequisite: Tech 1

86017101

TECHNOLOGY STUDIES 3

This program provides students with an advanced understanding of the knowledge, human relations, and technological skills found today in technical professions.

Grades 11-12

Prerequisite: Tech 2

86008101

DRAFTING / ILLUSTRATIVE DESIGN

TECHNOLOGY 1

This course provides students with an introduction to the knowledge, human relations, and technical skills of drafting technology.

Grades 11-12

Prerequisite: Tech 3

PUBLIC SERVICE

89090101

TEACHER ASSISTING 1-Honors

This course is an honors level course. Students are placed in the role of peer tutors. Students may work at OHS and/or at Thacker Elementary. This program is for students who are considering teaching as a career. Three credits in Teaching Assisting with a 3.5 GPA and a 3.0 GPA overall may win a Florida Gold Seal Scholarship.

Grades 11-12

*Prerequisite: tchr appr &/
or 3.2 GPA*

89090201

TEACHER ASSISTING 2-Honors

This course is a continuation of Teacher Assisting 1 Honors.

Grades 11-12

*Prerequisite: tchr appr &/
or 3.2 GPA*

89090301

TEACHER ASSISTING 3-Honors

This course, a continuation of Teacher Assisting 1 and 2 Honors. Most students may be assigned as unpaid interns in the career field of their choice. This course is for students who want to help others, who are considering teaching as a career, or who are interested in career exploration.

Grades 11-12

*Prerequisite: tchr appr &/
or 3.2 GPA*

Blocked Course - Consecutive •

05003700/17003800

VOLUNTARY PUBLIC SERVICE

The purpose of this course is to develop an appreciation of the concept of service to the community and to develop skills necessary to evaluate the impact of service upon others. Students can earn a half credit at the end of 75 hours of service in an approved school or community service program. Topics include: service learning, social movements, civic awareness, and organization involvement to promote the common good. Students are required to become engaged in at least one community service project that affects the school, community, nation, or world.

Grades 9-12

Prerequisite: None

17003800

CAREER RESEARCH AND DECISION MAKING

This course enables students to make informed career choices and develop the skills needed to successfully plan and apply for college or a job. Students will study goal-setting and decision-making processes, self-assessment, sources of career information, occupational fields and educational requirements, postsecondary education and training opportunities, writing, listening, viewing, and speaking skills for applications and interviews, sources of educational financial assistance, and career planning. Students will develop a limited portfolio of items which will be required in the pursuit of career goals.

Grades 9-12

Prerequisite: None

PERFORMING ARTS

CHORAL MUSIC

13004001 MUSICAL THEATER 1

The purpose of this course is to enable students to participate in varied aspects of musical theater, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical.

Grades 9-12 Prerequisite: Audition

13003901 AMERICAN MUSICAL THEATER 1

The purpose of this course is to enable students to participate in various aspects of musical theater, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance, and technical aspects of a musical. Special attention will be paid to American Musical Theater Repertoire from the 1920's to the present.

Grades 9-12 Prerequisite: Audition

13033001 CHORUS 1

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Grades 9-12 Prerequisite: Audition

13033101 CHORUS 2

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Grades 9-12 Prerequisite: Chorus 1

13033201 CHORUS 3

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Grades 9-12 Prerequisite: Chorus 1

BAND

13023001 JAZZ BAND 1

The purpose of this course is to enable students to develop basic technical skills on wind, percussion, or electronic instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. NON-MARCHING.

Grades 9-12 Prerequisite: Audition

13023101 JAZZ BAND 2

The purpose of this course is to enable students to develop intermediate-level technical skills on wind, percussion, or electronic instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. NON-MARCHING.

Grades 9-12 Prerequisite: Band 1

DANCE

03004001

DANCE REPERTORY 1

The purpose of this course is to enable students to develop basic knowledge and skills in performance of varied dance genres to include ballroom dancing and theatre dance. The course should include the history of major dance repertory, choreographic principles, technical proficiency in varied styles, elements of music, improvisation and transitional movements, performance analysis, connections between dance and healthful living, and connections between dance and other subject areas. Uniform Requirement: Ladies – Black leggings, Solid Black T-shirt and black socks. Men – Black (long) sweat pants, solid black t-shirt and black socks.

Grades 9-12

Prerequisite: None

03004101

DANCE REPERTORY 2

The purpose of this course is to further improve dance techniques and skills and basic knowledge and skills in performance of varied dance genres to include ballroom dancing and theatre dance. The course should include the history of major dance repertory, choreographic principles, technical proficiency in varied styles, elements of music, improvisation and transitional movements, performance analysis, connections between dance and healthful living, and connections between dance and other subject areas. Uniform Requirement: Ladies – Black leggings, Solid Black T-shirt and black socks. Men – Black (long) sweat pants, solid black t-shirt and black socks.

Grades 9-12

Prerequisite: Dance Rep 1

03004201

DANCE REPERTORY 3

The purpose of this course is to provide students with opportunities for in depth instruction and skills in performance of varied dance genres to include ballroom dancing and theatre dance. The course should include the history of major dance repertory, choreographic principles, technical proficiency in varied styles, elements of music, improvisation and transitional movements, performance analysis, connections between dance and healthful living, and connections between dance and other subject areas. Uniform Requirement: Ladies – Black leggings, Solid Black T-shirt and black socks. Men – Black (long) sweat pants, solid black t-shirt and black socks.

Grades 9-12

Prerequisite: None

03003001

ETHNIC DANCE

This course is designed for all levels of dancer. Students who have never taken dance before may come in and learn the basics of several dances from various cultures. In the exploration of cultures, students learn about the history of the dances, the making of the costumes, the holidays that these dances may or may not represent and the students will learn to perform these dances in both a classroom and stage setting. Uniform Requirement: Ladies – Black leggings, Solid Black T-shirt and black socks. Men – Black (long) sweat pants, solid black t-shirt and black socks.

Grades 9-12

Prerequisite: None

FOREIGN LANGUAGES

FRENCH

07013201 FRENCH 1

The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

Grades 9-12 *Prerequisite: None*

07013301 French 2

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

Grades 9-12 *Prerequisite: French 1*

SPANISH

07083401 SPANISH 1

The purpose of this course is to introduce students to the Spanish language and its culture and to develop communicative skills and cross-cultural understanding. This course is designed primarily for those students who have no background in the Spanish language.

Grades 9-12 *Prerequisite: None*

07083501 SPANISH 2

The purpose of this course is to reinforce the fundamental skills acquired by the students in Spanish 1. This course develops increased listening, speaking, reading, and writing skills, as well as cultural awareness.

Grades 9-12 *Prerequisite: Spanish 1*

07084001 Advanced Placement SPANISH LANGUAGE — LEVEL III Honors Credit

This course is intended to cover the equivalent of a 3rd year Spanish college course in advanced composition and conversation and conversation. It emphasizes the use of Spanish for communication, aural/oral skills, reading comprehension, grammar and composition.

Grade 11-12 *Prerequisite: Teacher Recommendation and/or Spanish 2*

OTHER ELECTIVES

LANGUAGE ARTS ELECTIVE

10004101 INTENSIVE READING

The purpose of this course is to enable students to build comprehensive reading knowledge by developing fluency, building vocabulary skills, and increasing comprehension through intensive instruction and practice.

Grade 9-12 Prerequisite: NONE Student will be placed in reading class if they score in Level 1 or 2 on the previous year FCAT Reading test.

17003001 SAT/ACT PREP

Besides engaging students in challenging curriculum, FLVS guides students to reflect on their learning and to evaluate their progress through a variety of assessments. Assessments can be in the form of self-checks, practice lessons, multiple choice questions, writing assignments, essays, oral assessments, and discussions. Instructors evaluate progress and provide interventions through the variety of assessments built into a course, as well as through contact with the student in other venues.

Grade 9-12 Prerequisite: None

MATH ELECTIVE

12004001 INTENSIVE MATH

The purpose of this course is to enable students to build comprehensive math knowledge by developing the skills necessary for the FCAT, and increasing math skills through intensive instruction and practice.

Grade 9-12 Prerequisite: NONE Students will be placed in reading class if they score in Level 1 or 2 on the previous year FCAT Reading test.

LANGUAGE ARTS

Students may only take English courses in the indicated grade.

10013101 ENGLISH 1

The purpose of this course is to provide students with instruction in English language skills, including writing, speaking, and listening, and to read and analyze various literary selections.

Grade 9 Prerequisite: Passed general English in 8th grade

10013201 ENGLISH HONORS 1

This course is designed to promote academic excellence in English language arts through experiences in literature, writing, speaking, and listening. Course content includes a review of the knowledge of grammar usage and fundamentals of composition, with emphasis placed on analysis of the various literary forms in both oral and written assignments.

Grade 9 Prerequisite: Placement

10013401 ENGLISH 2

The purpose of this course is to provide instruction in English language skills, in the study of World Literature, in the development of composition skills, and the use of literary terms that will be used in English 3 & 4. Course content includes grammar, vocabulary, and speaking and writing skills. This course includes the frequent writing of papers.

Grade 9, 10 Prerequisite: English 1 or equiv

10013501 ENGLISH HONORS 2

The purpose of this course is to imbed English 2 and World Literature within World History Honors in order to promote academic excellence and provide more meaningful studies. Students who register for this course should register concurrently in World History Honors.

Grade 9, 10 Prerequisite: English 1H or Teacher Recommendation & Concurrent Enroll

10013701 ENGLISH 3

The purpose of this course is to provide instruction in American Literature through the analysis of various genres. Instruction in listening, speaking, reading, and writing is included. This course includes the frequent writing of papers. It is strongly suggested that students who register for this course register concurrently in American History if they have not already taken the course.

Grade 10, 11 Prerequisite: English 2 or equiv

10013801 ENGLISH HONORS 3

The purpose of this course is to imbed English 3 and American Literature within American History Honors in order to promote academic excellence and provide more meaningful studies. This college preparatory course includes frequent writing assignments that will accumulate in an individual student portfolio.

Grade 10, 11 Prerequisite: Eng 2 Hon or Teacher Recommendation

10014001 ENGLISH 4

The purpose of this course is to provide students with instruction in language skills through the study of British literature. Course content includes vocabulary building, literary analysis, public speaking, and listening skills. All aspects of the writing process are applied in frequent writing assignments, and the course is designed to give experience in real-life situations. **Senior Research Project** is required as an exit project. Project includes a research paper, internship, and a presentation. Student makes a connection with a career of choice.

Grade 11, 12 Prerequisite: Eng 3 or its equiv

LANGUAGE ARTS Continued . . .

10014101

ENGLISH HONORS 4

Instruction includes oral and written analyses of major British literary works in relationship to cultural influences and interpretation. Language study includes an overview of the history of the English language. Listening, speaking, and viewing activities are provided. **Senior Research Project** is required as an exit project. Project includes a research paper, internship, and a presentation. Student makes a connection with a career of choice.

*Grade 11 or 12 Prerequisite: Eng 3
Honors*

or Teacher Recommendation

10014201

Advanced Placement

ENGLISH-LANGUAGE AND COMPOSITION

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. In addition the course prepares students for AP exams and exposes them to American Literature. Please note that outside reading is required. The course is also designed to provide students with a variety of writing opportunities calling for the use of different styles and tones. This is a college level class that demands high commitment. This class has a high level of vigorous work.

*Grade 11 or 12 Prerequisite: Teacher
Recommendation/successful completion
Or World Literature*

10014301

Advanced Placement

ENGLISH LITERATURE and COMPOSITION

This college/university level course will provide students with the intellectual challenges and workload consistent with a typical undergraduate university English Literature or Humanities course by engaging students in the careful reading and critical analysis of classic literature. Students accepted into this rigorous course will be enrolled in two semesters in order to prepare them for the AP English Literature and Composition exam given in May (required.) The literature in this course is necessarily challenging and encompasses American, British, and World literature.

*Grade 11 or 12 Prerequisite: AP Teacher
Recommendation*

10053001

WORLD LITERATURE AND COMPOSITION

This course is a prerequisite to AP English/DE English (college level). This course includes literary analysis skills applied to the short story, play, poetry, and a combination of advanced writing skills and creative writing. Teachers reserve the right to remove students from their classes at the end of four weeks (and place them in a general English class) if student performance does not meet teachers' satisfaction.

*Grade 9, 10 Prerequisite: Honors English
in 9th grade & Placement*

MATHEMATICS

12003101 ALGEBRA 1

The purpose of this course is to provide students with the foundation for more advanced mathematics courses and to develop the skills needed to solve mathematical problems. Course content includes, but is not limited to, sets, variables, real number systems, equations and inequalities, relations and functions, graphs, rational and irrational numbers, and radicals.

Grades 9-10 *Prerequisite: None*

12003201 ALGEBRA 1 HONORS

The purpose of this course is to provide a rigorous and in-depth study of algebra, emphasizing deductive reasoning skills, as a foundation for more advanced mathematics courses, and to develop the skills needed to solve mathematical problems.

Grades 9, 10 *Prerequisite: Tchr Appr*

12063101 GEOMETRY

This course emphasizes critical thinking involving the discovery of relationships and their proofs, and skill in applying the deductive method to mathematical situations. Course content includes logic and reasoning, the study of Euclidean geometry of lines, planes, angles, triangles, similarity and congruence.

Grades 10-12 *Prerequisite: Alg 1*

12004101 MATH FOR COLLEGE SUCCESS

Required for students who score less than 72" on the Math section of the CPT, below "440" on the SAT Math, or below "19" on ACT Math. This course prepares students for entry level College Mathematics. Major topics include properties of integers and rational numbers, integer exponents, simple linear equations and inequalities, operations on polynomials including beginning techniques of factoring, introduction to graphing, and introduction to operations on rational expressions. The content should include, but not be limited to, the following:

- using signed numbers
- simplifying algebraic expressions
- solving algebraic equations
- simplifying exponents and polynomials
- factoring polynomials
- graphing linear equations
- simplifying, multiplying, and dividing rational expressions
- simplifying and performing operations with radicals

Grade 12 *Prerequisite: CPT, SAT, or ACT*

12063201 GEOMETRY HONORS

The purpose of this course is to provide a rigorous in-depth study of geometry, with emphasis on methods of proof and the formal language of mathematics. Course content includes the structure of geometry, separation properties, angle concepts, triangles, quadrilaterals, proofs, similar polygons, circles and spheres, volume and transformational geometry.

Grades 10-11 *Prerequisite: Alg 1, Tchr Appr*

MATHEMATICS continued . . .

12003301 ALGEBRA 2

The purpose of this course is to provide students with a foundation for applying advanced skills to other mathematical and scientific fields. Course content includes linear and quadratic equations, factoring of polynomials, graphing, systems of equations and inequalities, and rational/irrational and exponential and logarithmic functions.

Grades 10-12 Prerequisite: Algebra 1

12003401 ALGEBRA 2 HONORS

The purpose of this course is to present an in-depth study of the topics of Algebra II, with emphasis on theory, proof, and development of formulas and their application.

Grades 9-11 Prerequisite: Algebra 1, Tchr Appr

12023401 PRE CALCULUS

This course will enable students to develop concepts and skills in advanced algebra, analytic geometry, and trigonometry. Course content includes: identify and graph polynomial and rational, exponential and logarithmic functions, trigonometric graphs, equations & applications, vectors & parametric equations, polar coordinate system, concept of limits, conic sections, analytic geometry and systems, and matrices. **A Graphing Calculator is Required to take this course.**

Grades 10-12 Prerequisite: Alg 2, Geom

12103201 Advanced Placement AP STATISTICS

The purpose of this course is to explore data; observing patterns and departures from patterns, plan a study; deciding what and how to measure — anticipating patterns in advance; producing models using probability and simulation and to inference statistics; confirming models.

Grade 10-12 Prerequisite: Algebra 2

12083001 LIBERAL ARTS MATH

Liberal Arts Math is designed to help students acquire knowledge of fundamental mathematics concepts, to show students how mathematics can solve real world problems that apply to their everyday lives, and to enable students to develop problem-solving skills and foster critical thinking.

Grade 10-12 Prerequisite: Algebra 1 & Geometry

PHYSICAL EDUCATION

• *Blocked Course* •
15055000 / 15033100

VOLLEYBALL / BASKETBALL

The purpose of this course is to acquire knowledge and skills in volleyball and basketball for current and future recreational pursuits and maintain and/or improve personal fitness. Strategies of team play, skill acquisition, and the maintenance and/or improvement of personal fitness should be stressed.

Grade 9-12

Prerequisite: NONE

• *Blocked Course* •
15013400/15013500

WEIGHT TRAINING 1 & 2

The course includes but is not limited to, the following: safety practices, terminology, musculoskeletal system, muscular strength and endurance, biomechanical and physiological principles, theories, concepts, and skills, weight training programs, implementation and evaluation of a personal weight training program, weight training activities for fitness, fitness assessment, nutrition, consumer issues, benefits of participation.

Grades 9-12

Prerequisite: None

• *Blocked Course* •
15013100 / 15013200

FITNESS LIFESTYLE DESIGN

The purpose of this course is to enable students to develop safety practices for terminology, - biomechanical and physiological principles, concepts and principles of health-related fitness, personal and group fitness activities, personal fitness programs, fitness assessment, nutrition, consumer issues, and benefits of participation.

FITNESS ISSUES FOR ADOLESCENTS

This course provides instruction to students regarding issues particular to adolescent health and fitness.

Grades 10-12

Prerequisite: None

• *Blocked Course* •
15033500/15033600

TEAM SPORTS 1 & 2

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports, and maintain or improve health-related fitness.

Grades 9-12

Prerequisite: None

30260101

Health Opportunities Through Physical Education (HOPE)

The objective of the HOPE class is to introduce the principles of health through nutrition, fitness, and mental, social, and emotional wellness. The course includes discussion of values, peer pressure, and decision-making, and education, mental and emotional health (including self-esteem, eating disorders, stress and anger management, and domestic violence and family issues), and other high risk behaviors. Students will take 9 weeks of Health and 9 weeks of Personal Fitness during the school semester. If the student satisfactorily fulfills course requirements, one full credit will be earned.

Grades 9-12

Prerequisite: None

SCIENCE

20013101 EARTH/SPACE SCIENCE

This course provides opportunities for students to study the basic concepts basic of the earth, its materials and components. Content includes the formation of the universe, solar system, astronomers, the U.S. Space program, mineral identification, meteorology, water resources, oceanography, geology, and mapping.

Grade 9 Prerequisite: Tchr Appr

20013201 EARTH/SPACE SCIENCE HONORS

This course is designed for upper level students. It includes studies of the formation of the solar system, astronomy, the U.S. Space program, the nature of matter and atomic structure, the periodic table, mineral identification, plate tectonics, erosion, the hydrological cycle, oceanography, meteorology, geology, the interaction of all earth processes, and the earth's energy resources.

Grade 9 Prerequisite: Alg. 1 & Tchr Appr

20003101 BIOLOGY 1

The purpose of this course is to provide students with general exploratory experiences and activities in the fundamental concepts of life. Course content includes scientific method, scientific measurement, laboratory safety and use of apparatus, cell biology, cell reproduction and basic principles of genetics. A general overview of how organisms adapt and respond to their environment through the chronology of Earth's history is also provided.

Grades 9-12 Prerequisite: None

20003201 BIOLOGY 1 HONORS

This course is intended for highly motivated, college-bound students. Topics include the study of biochemistry, cell biology, cell reproduction, genetics, microbiology, invertebrate and vertebrate anatomy and physiology. The course includes extensive laboratory experiences including dissection and cell cultures.

Grades 10-12 Prerequisite: Tchr Appr

20033101 PHYSICAL SCIENCE

The purpose of this course is to provide a quantitative investigative study of the introductory concepts of physics and chemistry. The content should include the following: dynamics, classification and interaction of matter, periodic table, forms of energy, electricity and magnetism, chemical interactions, nuclear reactions, and career opportunities in physical science.

Grade 9-12 Prerequisite: None

20033201 PHYSICAL SCIENCE HONORS

The purpose of this course is to provide a quantitative investigative study of the introductory concepts of physics and chemistry. The content includes: dynamics, classification and interaction of matter, periodic table, forms of energy, electricity and magnetism, chemical interactions, nuclear reactions, and career opportunities in physical science.

Grade 9-12 Prerequisite: None

SCIENCE Continued . . .

20025001 MARINE SCIENCE

This course is designed to give students an overview of the sciences connected with marine life and concentrates on how marine life copes with the stresses found in the oceans and their unique survival strategies. Areas covered include natural resources from the sea, tides and current regimes, marine ecology, chemical and physical characteristics of sea water, taxonomy of invertebrates and vertebrates, and ocean exploration. Emphasis is on the marine habitats and interactions of plants and animals.

Grades 11-12 Prerequisite: Bio 1 credit

20013401 ENVIRONMENTAL SCIENCE

This course is intended to provide an in depth inquiry to the environmental sciences. Students will become familiar with the interactions between the physical, non-living (abiotic) and the living (biotic) factors of the environment. This also includes a focus on the human interaction. Students are guided in examining problems and issues that arise for managing a balance between nature and the human impact dimension.

Grades 10-12 Prerequisite: Biology

20004101 ZOOLOGY

The purpose of this course is to increase students' knowledge of the members of the Kingdom Animalia. Classification, functions, anatomy, and overall functions will be included. It will also include the study of the evolutionary traits of these organisms as well as their interactions with their environment.

Grades 10-12 Prerequisite: Biology

20003501 ANATOMY & PHYSIOLOGY

The purpose of this course is to enable students to develop thorough understanding of the relationships between the structures and functions of the human body. It includes the study of human systems and their most important functions, use of laboratory technologies, and connections between anatomy, physiology, medicine, technology, society, and the environment.

Grades 11-12 Prerequisite: Biology

20003401 Advanced Placement BIOLOGY

This course will focus on the curriculum required to take the AP Biology test for college credit. Topics include biochemistry, cell biology, reproduction, genetics, microbiology, ecology, anatomy and physiology, as well as botany. The course includes laboratory experiences ranging from cell cultures to dissection.

Grades 11-12 Prerequisite: Teacher Recommendation

20033501 CHEMISTRY HONORS

The purpose of this course is to provide students with a rigorous study of the composition, properties and changes associated with matter. Course content includes atomic structure, bonding, the periodic table, formulas, phase changes, solutions, acids, bases and salts, and nuclear chemistry

Grades 10-12 Prerequisite: Level 2 or better in FCAT reading and math, Alg 1, or Physical Science with Teacher Recommendation

SOCIAL STUDIES

21043201 GLOBAL STUDIES

Global Studies provides students with interdisciplinary knowledge, skills and attitudes necessary to meet responsibilities as citizens of their community, state and nation and prepares them to live in an increasingly interdependent and complex global society. The content will include, but not be limited to, the following: interdependence, global issues, culture, international system, pluralism, transnationalism, global economy, ecology issues, planetary ethics, human-environment interactions, movement, cultural diffusion.

Grades 9-12 Prerequisite: None

21003101 AMERICAN HISTORY

The purpose of this course is to provide students with the opportunity to acquire an understanding of the chronological 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 our nation.

Grades 10-12 Prerequisite: None

21003201 AMERICAN HISTORY HONORS

The purpose of this course is to provide students with the opportunity to acquire an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity as they relate to political, economic, social, religious, military, scientific and cultural events that have affected the nation. Students who excel in this course may be recommended for AP Am. History.

Grades 10-12 Prerequisite: Teacher Approval

21093101 WORLD HISTORY

The purpose of this course is to provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity.

Grades 10-12 Prerequisite: None

21093201 WORLD HISTORY HONORS

The purpose of this course is to provide students with a comprehensive study of the past, with emphasis on change and its relationship to the development of humanity. The course content includes an understanding of the historical method, the inquiry process, historical reasoning, and interpretation, and the issues of external and internal validity. Students will engage in various research projects and presentations.

Grades 10-12 Prerequisite: Teacher Approval

21942001 Advanced Placement WORLD HISTORY

Students understand the development of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community.

Grades 10-12 Prerequisite: Eng 1 Honors

21003301 Advanced Placement AMERICAN HISTORY

Students will understand the development of the United States within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

Grades 11-12 Prerequisite: World History Honors, Teacher Approval or AP

SOCIAL STUDIES Continued . . .

• Blocked Course •
21063100/21023100

AMERICAN GOVERNMENT

This course provides students with the opportunity to acquire an understanding of the structure, functions, and purposes of American government and political behavior. Content includes 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. Students will better understand their role as a citizen in our democracy through engagement in activities and discussions and research projects.

ECONOMICS

The purpose of this course is to provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student is introduced to the major characteristics of the mixed market economic system in the United States and the characteristics of different economic systems and institutions that are common to other countries.

Grade 12

Prerequisite: None

• Blocked Course •
21063200/21023200

AMERICAN GOVERNMENT HONORS

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of American government and political behavior. The course includes in-depth study of the documents which shape our political traditions, the roles of the three branches of government on the local, state, and national level, the evolution of political parties and interest groups, rights and responsibilities of citizens in a democratic society, and civic participation.

ECONOMICS HONORS

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources in satisfying unlimited wants. The course includes a study of the distinguishing characteristics of several types of economic systems, with particular attention being paid to the American mixed system.

Grade 12 only

Prerequisite: None

21064201

Advanced Placement US GOVERNMENT & POLITICS

This course provides students with an analytical perspective on government and politics in the US. This involves both the study of general concepts used to interpret US government and politics and the analysis of specific case studies. It also provides a base of familiarity with the various institutions, groups, beliefs, and ideas that constitute the reality of the US political and government environment.

Grade 11-12

Prerequisite: Tchr Appr

21034001

Advanced Placement HUMAN GEOGRAPHY

The purpose of this AP Human Geography course is to introduce students to the study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface to include the location of places, people, and events, and the connections among places and landscapes-I the understanding of human life on Earth. Ninth grade students who are interested in taking AP Human Geography should take Classical Literature in the first semester.

Grades 9-12

Prerequisite: Teacher Approval

New Dimensions High School

Major Areas of Interest

Of the eight elective credits required for graduation, students must complete four credits in a Major Area of Interest (MAI) but do NOT have to be enrolled in an MAI every semester. Students may change their designated MAI annually and are not required to complete four credits in the same MAI in order to graduate; i.e., four MAI credits may be completed in several different areas. However, those students completing four credits in a single MAI will earn the distinction of graduating with a “Major Area of Interest” with recognition at the time of graduation.

Major Program: ADVANCED PLACEMENT- 4018

Human Geography - 2103400
AP Biology - 2000340
AP Language and Composition - 1001420
AP Literature and Composition - 1001430

Major Program: FOREIGN LANGUAGE - 0799

Spanish I - 0708340
Spanish II - 0708350
French I - 0701320
French II - 0701330

Major Program: CHORAL MUSIC - 1303

Chorus 1 - 1303300
Chorus 2 - 1303310
Chorus 3 - 1303320
Chorus 4 - 1303330

Major Program: TECHNOLOGY Ed

Technology Studies 1 - 8600510
Technology Studies 2 - 8600610
Technology Studies 3 - 8600710
Drafting/Illustrative Design Technology - 8600810

Major Program: DANCE

DANCE REPERTORY 1 - 03004001
DANCE REPERTORY 1 - 03004101
DANCE REPERTORY 1 - 03004201
Ethnic Dance - 0300300

Major Program: BUSINESS TECH -8200

Computing for College and Career - 8209020
Digital Design 1 - 8209510
Digital Design 2 - 8209520
Digital Design 3 - 8209530

Major Program: MUSICAL THEATER - 4194

Musical Theater 1 - 1300400
Musical Theater 2 - 1300410
Musical Theater 3 - 1300420
American Musical Theater 1 - 1300390

Major Program: PHYSICAL EDUCATION– 1599

HOPE 3026010
Fitness Issues for Adolescence 1501320
Lifestyle Fitness Design 1501310
Team Sports I 15033500
Team Sports II 15033600
Beginning Weight Training 1501340
Intermediate Weight Training 1501350

Major Program: MUSIC INSTRUMENTAL - 1302

Band I - 1302300
Band II - 1302310
Band III - 1302320
Band IV - 1302330

CERTIFICATES AND DEGREES

- **VOCATIONAL CERTIFICATES** are earned by spending from six months to two years at a vocational school or community college concentrating on very specific vocational skills in preparation for employment.
- **ASSOCIATE'S DEGREES** are two year degrees. There are two types of Associate's Degrees:
 1. The A.A. (Associate in Arts Degree) is equivalent to the freshman and sophomore courses at a college or university. It is not intended to prepare students for entry into a particular degree, but to prepare them for transfer into further study.
 2. The A.S. (Associate in Science Degree) offers a high concentration of courses and hands-on experience in the student's chosen field. It prepares the student for immediate entry into employment in a career upon graduation.
- **BACHELOR'S DEGREE** (B.A., B.S., B.F.A.) are four year degrees with a major in a specific subject. A Bachelor's Degree may be earned at a college or a university.
- **UNDERGRADUATE DEGREES** are the two-year (Associate's) or four-year (Bachelor's) degrees.
- **MASTER'S DEGREES** (M.A., M.S., M.F.A.) One or two years of study in a specific subject after completion of the Bachelor's Degree.
- **DOCTORAL DEGREES** (Ph.D., J.D., M.D.) Three or four years of study in a very specific subject after completion of a Bachelor's and/or Master's Degree.
- **GRADUATE DEGREES** are any degrees earned beyond the Bachelor's Degree.

POST-SECONDARY OPTIONS

COLLEGE is an institution at which students study toward two or four year undergraduate degrees after completion of secondary school.

COMMUNITY COLLEGE is a two year public college funded by the city or state. It offers transfer and terminal career programs leading to the Associate Degree. Community Colleges generally offer Open Admissions.

UNIVERSITY is an institution which offers graduate degrees in addition to two and four year degrees.

What is a Charter School?

Independent Public Education - charter Schools

Charter schools are public schools of choice. They are very popular –and among the fastest growing school choice options in Florida. Charter schools are largely free to innovate, and often provide more effective programs and choice to underserved groups of students.

Since 1996, charter schools have grown from 5 in Florida to over 300 charter schools in 2004-2005. The enrollment for 2004-2005 is well over 80,000 students. Across the nation, over 800,000 students attend over 3,000 charter schools.

Florida is home to the first Charter School-in-the-Workplace, the first Charter High School in a Community College, and the first Municipal Charter School.

Charter schools are, by definition, flexible and have freedom to set their own rules on such issues as curriculum, teaching style, personnel, and discipline. Operated by parents, teachers, administrators and concerned citizens, a charter school can offer a student-directed learning environment or alternative programs that meet the needs of students.

Funding for charter schools comes from the state, with a portion of the money allotted per student by the Florida Legislature, by district. This is called the FTE, or the Full Time Equivalent. Students must fulfill state requirements and pass statewide exams; however charter schools offer students higher standards and a more “hands-on” environment for teaching and learning.

Under *No Child Left Behind*, to promote and encourage more parental options through charter schools, children who attend schools identified as needing improvement have the opportunity to enroll in charter schools located within their district. These districts will be required to use federal funding to provide meaningful choices as well as to provide transportation to the new schools families choose.

For helpful links on the Florida Department of Education web site please visit: <http://www.fldoe.org>

