

2009-2010

***RIVERDALE
HIGH SCHOOL***

Program of Studies



Gerald B. Demming, Principal

Academic Policies

Transfer of Credits

1. All evidence of work or credits earned at another school, community college or university offered for acceptance shall be based on an official transcript authenticated by the proper school authority.
2. Work or credits from non-accredited schools shall be validated as provided by Board Policies.
3. All transferring students must be certified in Minimum State Performances Standards and must earn a passing score on the grade 10 Florida Comprehensive Assessment Test (**FCAT**).

Standard Diploma

A standard diploma will be awarded when a pupil has successfully completed the graduation requirements as set forth in the Lee County School Board Student Progression Plan, has achieved proficiency in the Sunshine State Standards and has passed the Florida Comprehensive Assessment Test (FCAT).

Certificate of Completion

A Certificate of Completion shall be granted to students after a minimum of at least twelve years of education (excluding kindergarten), when a pupil has successfully completed the district requirements and credits for graduation, but has failed to achieve the State Performance Standards or to pass the Florida Comprehensive Assessment Test (**FCAT**).

Certificate of Completion – CPT

A Certificate of Completion – College Placement Test Eligible may be awarded to a student who completes standard course requirements and earns an overall 2.0 grade point average on a 4.0 scale but who is unable to earn a passing score on the grade 10 FCAT. Students who receive a Certificate of Completion – College Placement Test Eligible must be allowed to take the College Placement Test and be admitted to remedial or credit courses at a Florida community college, as appropriate.

Special Certificate of Completion

A special certificate of completion is available to students with disabilities who are unable to meet all of the requirements for a special diploma. The certificate indicates that the student passed the required ESE courses but did not master all of the Sunshine State Standards for Special Diploma.

Retaking of Courses

Any student in grades 9–12 may retake a required course for the purpose of improving a grade. Grade forgiveness for required courses shall be limited to replacing a grade of “D”, or “F”, with a grade of “C” or higher earned subsequently in the same or comparable course. Forgiveness policies for elective courses shall be limited to replacing a grade of “D” or “F” or their equivalent with a grade of “C” or higher or its equivalent earned subsequently in the same, a comparable, or another course. Such students may repeat a course for forgiveness with grades above a “D”. Any course grade not replaced according to a District forgiveness policy shall be included in the calculation of the cumulative grade point average required for graduation. If a student receives a “D” or “F” and subsequently receives a “D” or “F”, when retaking the same course, the lower of the two grades will be marked as elective credit and both grades will be calculated in the GPA.

*Grade forgiveness for high school courses taken in middle school shall be limited to replacing a grade of “C”, “D”, or “F”.

Special Diploma

A special diploma will be awarded when a student with a disability has successfully completed the graduation requirements as set forth in the Lee County School Board Pupil Progression Plan. The student must demonstrate mastery of the Sunshine State Standards for Special Diploma as evidenced by

the student's alternate assessment performance or demonstrated competence on specific employment and community competencies as determined by the student's Individual Educational Plan committee.

Student Day

Each pupil in grades 9-12 must be scheduled for every period of the day except under unusual circumstances as approved by the principal.

Adult Education

The equivalent of up to 4 credits earned in adult programs may be applied to graduation requirements for a day school program. The same standards for course content and performance that apply to the credits earned in the regularly assigned school apply to credits earned in adult or dual enrollment programs. The principal shall approve adult subjects taken for day school credit.

Early Admission/Dual Enrollment

Full-time early admission allows the pupil to enter college following completion of grade eleven, substituting two semesters of college work or its equivalent for the last year of high school provided that the Florida Comprehensive Assessment Test has been passed. Early admission procedures shall be as provided in Chapter VI of Board Policies. Dual enrollment provides advanced instruction for those pupils who demonstrate readiness to engage in post secondary academic work. Students may earn credit towards both a high school diploma and an associate or baccalaureate degree.

On The Job Training

The Cooperative Diversified Education Program permits a pupil who has reached the age of sixteen, has completed grade eleven, and has completed the courses required for graduation, to substitute 288 hours of supervised work experience for one credit up to a maximum of five credits toward graduation.

Grade Point Average (GPA)

1. A student must earn a cumulative grade point average of 2.0 on a 4.0 scale or its equivalent in the courses that make up the 24 required credits for graduation.
2. A student must earn a cumulative grade point average of 3.0 (Career Prep) or 3.5 (College Prep) on a 4.0 scale or its equivalent in the courses that make up the 18 required credits for graduation in the 3 year program option.
3. In order to be eligible to participate in interscholastic extra curricular student activities, a student must maintain a cumulative grade point average of 2.0 on a 4.0 scale or its equivalent. The student standards for participation in interscholastic extracurricular activities shall be applied after the completion of the first semester of the 9th grade. Each student must meet such other requirements for participation as may be established by the school district.
4. A student enrolled in a full year course will receive one-half credit if one semester of the course is successfully completed and the averaging of the grades in each half would not result in a passing grade. A full credit is earned in a full year course if one half is successfully completed and the averaging of the grades in each half results in a passing grade, provided that any additional requirements by the school board are met.
5. Students must meet all of the graduation requirements as identified in this document.

Graduation by Examination (GED)

Pupils who are at least eighteen years of age may take the General Education Development (GED) Tests. A regular day school pupil successfully completing the tests shall be issued a state high school diploma and shall be considered a high school graduate. The District School Board may determine exceptions to the specified age limit.

Florida Comprehensive Assessment Test (FCAT)

As part of the implementation of the Accountability Act, the Department of Education has developed State Performance Standards in reading, writing and mathematics. Pupil achievement of these state

standards will be tested by the state at grade ten. A passing grade on this test will be required before a high school diploma is issued. Students must earn a passing score on the grade 10 Florida Comprehensive Assessment Test (FCAT) before a high school diploma is issued.

Exceptional Student Education (ESE)

Students eligible for, and officially placed in, exceptional student education can satisfy requirements for either a standard or special diploma as determined by the student's Individual Educational Plan committee.

Homebound and Hospitalized Program (HHP)

The Homebound and Hospitalized Program (HHP) has been established to provide instruction to the pupil who must be out of school for at least three weeks due to illness or convalescence, as certified by a licensed physician, psychiatrist, or clinical psychologist.

Lee Adolescent Mothers Program (LAMP)

LAMP is a three-fold program concerned with the student's academic, health, and social adjustment during her pregnancy and postpartum period. A special program in health and childcare has been developed for every LAMP student. Additional information is available at your school's guidance office.

Bilingual Education Program (ESOL)

The bilingual/ESOL program is designed to provide assistance to students where the primary language spoken in the home is other than English. The method of instruction used in this program includes a variety of strategies to assist students in improving their written and verbal skills in English.

Florida Virtual School

www.flvs.net

Qualified students may take classes online from Florida Virtual School. Internet access is required. Online courses carry the same weight and credit as traditional courses taught in a public school classroom. School counselors can provide details to interested students.

Credit Retrieval

The NovaNet lab is a credit retrieval program that is available to students who meet the specific program criteria. School counselor and/or administrative approval is required.

Majors

Students entering high school during or after the 2007-2008 school year are required to earn 16 core academic credits and 8 elective credits in order to graduate with a high school diploma. Core requirements consist of 4 credits of English, 4 credits of math, 3 credits of social studies, 3 credits of science, 1 credit of fine arts, 1 credit of physical education/health (HOPE). Out of the 8 elective credits, students choose a MAJOR area of interest that includes 4 credits in a common area, such as sequential courses in a career and technical program, fine and performing arts, or academic content area, as part of the student's education plan.

Students will be able to select their MAJOR area of interest (MAI) through Florida's online student advising system, the Florida Academic Counseling and Tracking for Students or FACTS.org. Eighth-grade students can go to FACTS.Org, locate the high school they plan to attend and review the major areas of interest that will be available at that school. Students complete the ePersonal Education Planner (ePEP), an interactive course planner for middle and high school students based on the major area of interest and on their educational goals. Students will be able to pre-enroll in a major area of interest, and once enrolled, a student may change his or her mind the following year with no penalty.

To view the list of major areas of interest and learn more about high school reform visit: <http://www.FACTS.org>

Multiple Credit Courses

Multiple credit is available for some courses as long as student achievement expectations are raised as the student progresses through the sequence. No limit is set on the number of times a multiple credit course may be used.

Advanced Placement

The Advanced Placement program is a cooperative educational endeavor between high schools, colleges, and universities. Students who participate in the AP program not only gain college level skills, but in many cases they also earn college credit while they are still in high school. Criteria for enrollment and course registration guidelines are available during registration. School Counselors have additional information.

Florida Bright Futures Scholarship General Eligibility Requirements

1. Must be a Florida resident
2. Florida high school standard diploma or equivalent
3. Not guilty of a felony
4. Use scholarship within 3 years of graduation
5. May renew for up to 7 years
6. Attend Florida postsecondary institution
7. Enroll in a minimum of 12 credit hours per year and a maximum of 45 credit hours per year
8. Apply on-line by April 1 before graduation

The Florida Bright Futures Scholarship establishes a lottery-funded scholarship for Florida high school graduates with high academic achievement who enroll in eligible Florida public or private universities or technical schools. Students receive weighted credit for International Baccalaureate courses, academic dual enrollment courses, advanced placement courses, and other exceptionally rigorous courses.

There are three levels for which high school seniors may qualify. The scholarship may be used for either full-time or part-time enrollment and is renewable. Basic information, procedures and qualification requirements are outlined below:

Applying

Students must apply for the Bright Futures Scholarship by submitting a completed Florida Financial Aid Application during their last year in high school. You must apply on-line at www.floridastudentfinancialaid.org. (See your counselor if internet access is needed). The application gives the Florida Department of Education (DOE) permission to evaluate your high school transcript for eligibility in the Florida Bright Futures Scholarship program, and will initiate evaluation for other state scholarship programs, grants and other state financial aid. Application must be made during the last year in high school or all future eligibility for a Bright Futures Scholarship is forfeited.

Florida Academic Scholars Award (FASA—100% tuition and fees + \$600)

Students graduating will qualify as Florida Academic Scholars under the Bright Futures Scholarship by:

- Earning a 7th semester weighted, un-rounded minimum GPA of 3.5 (this GPA includes credits required by the State University system for admission, as either completed or as part of the stu-

dent's regular 8th semester enrollment).

- Earning a SAT score of 1270 or a ACT score of 28
- Completing 75 hours of community service

A student who attends an eligible Florida PRIVATE postsecondary institution will receive an award equal to the amount of the postsecondary institution at the comparable public level and college related expense allocation as stated above.

Florida Medallion Scholars Award (FMS—75% tuition and fees)

Qualifications for the Florida Medallion Scholarship Program:

- Earn 7th semester weighted, un-rounded minimum GPA of 3.0 in the specific courses as required by the State University System for admission
- Earn a SAT score of 970 or an ACT of 20

Students who attend a PRIVATE postsecondary institution will receive an award equal to the amount of the tuition and fees of a public postsecondary institution at a comparable level.

Florida Gold Seal Vocational Scholars Award (GSV—75% and fees)

To qualify as a Florida Gold Seal Vocational Scholar:

- complete a sequential program of studies that requires at least three vocational credits (excluding Guided Work) during high school with a GPA of 3.5 in these vocational courses
- earn a 7th semester weighted, un-rounded minimum GPA of 3.0 in the specific courses required for high school graduation (excluding electives), and 15.5 core credits
- pass the College Placement Test (Reading Comprehension—83, Sentence Skills—83, Algebra™ 72) OR, earn an SAT score of 440 verbal and 440 Math or ACT score of Reading 18, English 17, Math 19 (ACT/SAT Tests NOT required)

A student who attends an eligible Florida PRIVATE postsecondary institution will receive an award equal to the amount of the tuition and fees at a public postsecondary institution at the comparable level.

State of Florida University System

Minimum Admissions Requirements for Freshmen

The Florida Board of Regents has established minimum admissions requirements for all ten of Florida's public universities. However, each state university may establish higher or additional requirements beyond these state minimums.

The state minimum requirements that apply to all Florida public universities are as follows:

High School Graduation. Graduation from an accredited high school or the equivalent (GED) is required.

High School Grade Point Average and Admissions Test. The high school grade point average (HSGPA) will be based on a 4.0 score recalculated by the university from grades earned in high school academic core courses. Additional weights are normally assigned to grades of D or better in Honors, Advanced Placement, International Baccalaureate, and other advanced courses.

High School Course Distribution Requirements. Students must complete 18 units of high school work distributed over an approved range of subject areas.

High school guidance counselors have been supplied with lists of those high school courses that will be accepted by all of Florida’s public universities to fulfill these requirements.

State University Course Distribution Requirements

- a. Academic Core Courses
 - English 4 credits (3 with substantial writing)
 - Mathematics 4 credits (Algebra I & above; 3 if student entered 9th grade prior to 2007)
 - Natural Science 3 credits (2 with substantial lab.)
 - Social Science 3 credits
 - Foreign Language 2 credits (in the same language)

- b. Approved electives 2, 3 or 9 credits (dependent upon the year the student entered high school; academic credits in addition to required credits)

- c. Total academic
Credits required 18 or 24 credits

College-Ready Diploma. A College-ready diploma entitles a student to admission without additional testing to a public postsecondary education degree program within two years after earning the college-ready diploma.

College Athletic Eligibility Criteria

There are two major athletic associations in the United States that regulate who may participate in college sports: The National Collegiate Athletic Association (NCAA) and the National Association of Inter-collegiate Athletics (NAIA).

NAIA Eligibility Regulations:

A college freshman must meet two (2) of the following three entry requirements:

- 1. Composite Score 18 on the ACT or 860 on the SAT
- 2. Overall grade point average of 2.0 on 4.0 scale
- 3. Graduate in top half of high school graduating class

NCAA Eligibility Regulations for students entering a collegiate institution.

To be considered a qualifier at a Division I institution and be eligible for financial aid, practice and competition during freshman college year, a student must:

- 1. Graduate from high school.
- 2. Have a minimum combined test score on the SAT verbal and math sections or a minimum composite score on the ACT as indicated on the following index scale:

CORE GPA	SAT-I	ACT (sum of scores)**
2.500 and above	820	68
2.375	870	72
2.250	920	77
2.125	960	81
2.000	1,010+	86+

- 3. Have a core course grade point average of 2.0 in at least 14 core courses in the following areas:

English - 4 years
Mathematics - 2 years
Natural or physical science - 2 years
Social Science - 2 years

Additional courses in English, mathematics, or natural or physical science - 1 year

Additional academic courses (in any of the above areas or foreign language, computer science, philosophy or non-doctrinal religion courses) - 2 years

The NCAA does NOT accept courses taken in middle school for high school credit in meeting the above course requirements. Please note that student athletes entering a Division I institution must present four years of English and the two-year requirement in mathematics must involve one year of algebra and one year of geometry.

To be a qualifier at a Division II institution, a student must:

1. Graduate from high school.
2. Present a minimum grade-point average of 2.0 in at least 14 core courses.
3. Present a minimum 820 combined score on the SAT verbal and math section or a minimum Composite score on the ACT of 68.

In order to participate in Division I or II college sports as a freshman, a student must register and be certified by NCAA Clearinghouse. Guidance counselors can provide details.

See your guidance counselor for specific core course requirements.

*****Previously ACT score was an average of scores.***

HIGH SCHOOL PROGRAMS FOR STUDENTS ENTERING NINTH GRADE IN 2005-2006 AND 2006-2007*			
Subject Area	Graduation Requirements of Traditional 24-Credit Program	Graduation Requirements of Three-Year College Preparatory Program ¹	Graduation Requirements of Three-Year Career Preparatory Program
English	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	3 credits, one of which must be Algebra I or its equivalent	3 credits at the Algebra I level or above, from the list of courses that qualify for state university admission	3 credits, one of which must be Algebra I or its equivalent ²
Science	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component
Social Studies	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics
Foreign Language	Not required for high school graduation but required for state university system admission	2 credits in the same language or demonstrated proficiency in same second language	
Practical Arts/ Performing Fine Arts	1 credit practical arts career/technical education or exploratory career education, or 1 credit performing fine arts, or .5 credit in practical arts and .5 credit in performing fine arts	Not required	3 credits in a single vocational/career education program, or 3 credits in a single career/technical dual enrollment program, or 5 credits in vocational/career education courses (including 3 credits in one sequential career and technical education program)
Life Management Skills	.5 credit	Not required	Not required
Physical Education	1 credit to include .5 credit personal fitness and .5 credit physical education elective ³	Not required	Not required
Electives	8.5 credits	3 credits	2 credits unless 5 credits in career/technical education
TOTAL	24 credits	18 credits	18 credits
State Assessment Requirements	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT
Grade Point Average (GPA) Requirements	Earn a cumulative GPA of 2.0 on a 4.0 scale	Earn a cumulative weighted GPA of 3.0 on a 4.0 scale in the courses required for the college preparatory program and earn a weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits. *A GPA of 3.5 on a 4.0 scale is required for students entering ninth grade in 2006-2007	Earn a cumulative weighted GPA of 3.0 on a 4.0 scale in the courses required for the career preparatory program and earn at least 2.0 points or its equivalent in each of the 18 required credits

¹All courses earned toward the college preparatory program must satisfy admission requirements for the state university system. Six of the 18 credits must be in classes that are honors, dual enrollment, advanced placement, International Baccalaureate, Advanced International Certificate of Education, or specifically listed as rigorous by the Department of Education.

²See high school guidance counselor for Algebra I equivalents.

³See high school guidance counselor for physical education electives.

HIGH SCHOOL PROGRAMS FOR STUDENTS ENTERING NINTH GRADE IN AFTER 2007			
Subject Area	Graduation Requirements of Traditional 24-Credit Program	Graduation Requirements of Three-Year College Preparatory Program ¹	Graduation Requirements of Three-Year Career Preparatory Program
English	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	4 credits, one of which must be Algebra I or its equivalent (a minimum of three of the four mathematics credits required for high school graduation must be earned on the high school campus.)	4 credits at the Algebra I level or above, from the list of courses that qualify for state university admission	4 credits, one of which must be Algebra I or its equivalent ²
Science	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component
Social Studies	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics
Foreign Language	Not required for high school graduation but required for state university system admission	2 credits in the same language or demonstrated proficiency in same second language	
Practical Arts/ Performing Fine Arts	1 credit performing fine arts	Not required	3 credits in a single vocational/career education program, or 3 credits in a single career/technical dual enrollment program, or 5 credits in vocational/career education courses (including 3 credits in one sequential career and technical education program)
Health/ Physical Education	Option 1: Students must take .5 credit in physical education and .5 credit in personal fitness. Option 2: Students must take one credit HOPE Core course. Option 3: Students must take one credit HOPE Physical Education Variation course.	Not required	Not required
Electives	8 credits	2 credits	1 credit
TOTAL	24 credits	18 credits	18 credits
State Assessment Requirements	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT
Grade Point Average (GPA) Req.	Earn a cumulative GPA of 2.0 on a 4.0 scale	Earn a cumulative weighted GPA of 3.5 on a 4.0 scale in the courses required for the college preparatory program and earn a weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits	Earn a cumulative weighted GPA of 3.0 on a 4.0 scale in the courses required for the career preparatory program and earn at least 2.0 points or its equivalent in each of the 18 required credits
<p>¹All courses earned toward the college preparatory program must satisfy admission requirements for the state university system. Six of the 18 credits must be in classes that are honors, dual enrollment, advanced placement, International Baccalaureate, Advanced International Certificate of Education, or specifically listed as rigorous by the Department of Education.</p> <p>²See high school guidance counselor for Algebra I equivalents.</p> <p>³See high school guidance counselor for physical education electives.</p>			

RIVERDALE HIGHSCHOOL MAJORS 2009-2010

Advanced Placement Scholars
Animal Science and Services
Arts - Visual Arts
Athletic Trainer
Broadcast Communication
BUS ED - Web Design Services
Business Technology Education
College Preparatory/Science Concentration
Digital Arts
Educational Studies
Culinary Arts
Fine Arts
Foreign languages
IB
Industrial Education
Landscape Operations
Language Arts
Mathematics
Music
Photography
Physical Education
ROTC and Leadership Training - Army JR ROTC
Science
Social Studies
Web Design Services

SPECIAL DIPLOMA

Special Diplomas are awarded to students with disabilities who master the Sunshine State Standards for the Special Diploma and satisfy other requirements. Students can exhibit mastery at the independent, supported or participatory level.

Exceptional Student Education Courses

Special Diploma Option 1

District Specific Course requirements:

Independent Level

Subject	Credits	Suggested Courses *
English	3	7910110 English 9-12 7910390 Life Skills Communication
Mathematics **	3	7912050 Mathematics 9-12 7912340 Life Skills Mathematics
Science	1	7920010 Science 9-12
Health & Safety	1	7920050 Health & Safety
Social Studies	1	7921010 Social Studies 9-12
Post-School Adult Living Preparation	1	7960010 Life Management & Transition 7963010 Preparation for Post-school Adult Living
Career & Technical Education	6	7963140 Self Determination 7980010 Exploratory Education 7980110 Career Preparation 7980120 Career Experiences 7980130 Career Placement
Physical Education	½	As appropriate
Electives	7.5	Reading courses recommended
Total	24	Credits needed for graduation

Note: * General education courses may replace any of the suggested ESE courses to satisfy the requirements

** A Career/Technical course with strong mathematics emphasis may be substituted for one mathematics requirement

HIGH SCHOOL COURSE OFFERINGS

AGRICULTURE

AGRI-TECHNOLOGY I

81068200

1 Credit

This course prepares students for employment in positions in the agriculture industry. The content includes instruction in livestock and crop production, processing, and marketing; agriculture sales and services; agricultural mechanics; employability skills; and mathematics; basic science; biological sciences; communications; and human relations skills.

AGRI-TECHNOLOGY 2

81068300

1 Credit

This course provides students with more advanced skills and competencies in livestock and crop production, processing, and marketing; agriculture sales and services; agriculture mechanics; employability skills; mathematics; basic science; biological sciences; communications; and human relations.

LANDSCAPE AND TURF SCIENCE 4,5,6

81213100

81213200

81213300

1 Credit

The Environmental Horticulture Science and Services cluster is designed to prepare students for employment or advanced training in the horticulture and landscape industries. This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the horticulture industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety and environmental issues.

SPORTS AND RECREATIONAL TURF

Grades

81214100

1 Credit

The Environmental Horticulture Science and Services cluster is designed to prepare students for employment or advanced training in the horticulture and landscape industries. This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the horticulture industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety and environmental issues.

FUNDAMENTALS OF AGRI-SCIENCE

Grades

81003200

1 Credit

This course is designed to provide students with learning experiences that develop practical skills in the field of agriculture and related business.

LANDSCAPE OPERATIONS

81213300

1 Credit

The Environmental Horticulture Science and Services cluster is designed to prepare students for employment or advanced training in the horticulture and landscape industries. This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the horticulture industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety and environmental issues.

SPORTS AND RECREATIONAL TURF

81214100

1 Credit

The Environmental Horticulture Science and Services cluster is designed to prepare students for employment or advanced training in the horticulture and landscape industries. This cluster focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the horticulture industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety and environmental issues.

ARMY JROTC Military Science

LEADERSHIP EDUCATION 1

Grades 9-12

18013000

1 Credit

18013100

18013200

18013300

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army JROTC. The course includes development of basic leadership skills including leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with an emphasis on writing skills and oral communication techniques. Financial planning as well as physical fitness, diet, nutrition, healthy lifestyles, awareness of substance abuse and prevention, and basic first aid measures are included. An overview of the globe and geography and basic map reading skills are incorporated. A study of the United States Constitution, Bill of Rights, responsibilities of United States citizens, and the federal justice system is also provided.

ART VISUAL ARTS

ADVANCED PLACEMENT STUDIO ART 1

01093500

1 Credit

This Advanced Placement course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. It is for the advanced student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College Board.

ART/2-D COMPREHENSIVE 1

01013000

1/2 Credit

This course is designed to be an overview course of art activities in 2D art experiences in various 2D art media.

ART/2-D COMPREHENSIVE 2

01013100

1/2 Credit

This course is a continuation of Art/2D Comprehensive I. The student will further develop skills learned in Art/2D Comp I, both in the areas of producing artworks and in evaluating and criticizing artworks done by others.

COMPUTER GRAPHICS

01033000

1 Credit

The purpose of this course is to enable students to develop basic knowledge of computer graphic systems and to produce computer-generated images by applying the elements of art and principles of design.

CERAMICS/POTTERY 1

01023000

1 Credit

01023005

1/2 Credit

These courses are designed for the student who wants to learn the medium of clay and the art of pottery. Students will learn the basic vocabulary, tools, and methods of producing good ceramic pieces. The student will also learn the various methods and processes of glazing and firing.

CERAMICS/POTTERY 2

01023100

1 Credit

01023105

1/2 Credit

These courses are designed for the advanced student in ceramics. The student will learn advanced designing, building, forming, and decorating techniques. Some knowledge of the use of ceramics and its history will be gained, as well as methods and criteria for judging good pottery.

CERAMICS/POTTERY 3

01023200

1 Credit

01023205

1/2 Credit

These courses are designed for the advanced student in ceramics. The student will learn advanced designing, building, forming, and decorating techniques. Some knowledge of the use of ceramics and its history will be gained, as well as methods and criteria for judging good pottery.

COMPUTER GRAPHICS

01033000

1 Credit

The purpose of this course is to enable students to develop basic knowledge of computer graphic systems and to produce computer-generated images by applying the elements of art and principles of design.

CREATIVE PHOTOGRAPHY I

01083100

1/2 Credit

Photography is designed to be an entry-level course working strictly with black and white film and a 35 millimeter single lens reflex camera.

CREATIVE PHOTOGRAPHY 2

01083200

1/2 Credit

This course is designed to give the student photographer further opportunity to study advanced techniques in camera and darkroom work.

CREATIVE PHOTOGRAPHY 3

01083300

1 Credit

01083305

1/2 Credit

The purpose of this course is to enable students to develop intermediate-level skills in photographic imagery, processes, and techniques, and to express aesthetic and emotional content related to varied subject matter.

CREATIVE PHOTOGRAPHY 4

01083400

1 Credit

01083405

1/2 Credit

The purpose of this course is to enable students to develop advanced skills in photographic imagery, processes, and techniques, and to express aesthetic, emotional, and conceptual content related to varied subject matter.

DRAW/PAINT 1

01043200

1 Credit

01043205

1/2 Credit

This course is designed to teach the student the basic fundamentals of drawing and composition. The student is exposed to a variety of drawing and painting media and learns techniques peculiar to these

various media. The student will develop his/her ability to see and learn techniques to visually communicate what he/she sees to others through the drawing and painting media.

DRAW/PAINT 2

01043300

1 Credit

01043305

1/2 Credit

This course is designed to further the fine arts student's development of abilities in drawing and painting. Included in this curriculum are continuing experiences in drawing media and techniques and an introduction to various painting media such as opaque and transparent watercolor.

DRAWING AND PAINTING 3

01044000

1 Credit

The purpose of this course is to enable students to develop advanced perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing and painting media, processes, and techniques

PORTFOLIO I

01093100

1 Credit

This course is geared to the advanced art student who has completed all course offerings in his/her desired area of interest or concentration. This course may be taken with concentrations in the following: drawing and/or painting and ceramics. The specific curricula, with goals and assignments, for these courses are written by the student with input by the instructor. This course is designed to be highly individualized programs of studio experiences. The work done in this course is evaluated in a variety of ways including extensive self-critiques. It is recommended that department head and teacher approval be given before the student is admitted into this course.

PORTFOLIO 2

01093200

1 Credit

This is an advanced level course in portfolio preparation. Students will concentrate in producing quality works for selection/ preparation/presentation in a portfolio format. The student will be required to participate in various critiques, evaluations and exhibitions. The ultimate goal of this course is to complete a finished portfolio.

PORTFOLIO 3

01093300

1 Credit

Study and produce a variety of sophisticated, original, and creative two- and three-dimensional works of art.

BUSINESS AND INFORMATION TECHNOLOGY

BUSINESS AND ENTREPRENEURIAL PRINCIPLES

82151200

1 Credit

This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/ management skills, leadership skills, human resource management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development.

ACCOUNTING OPERATIONS

8203400

This course offers a broad foundation of knowledge and skills expanding the traditional role of Bookkeeper and Accounting Assistant. It focuses on broad, transferable skills and stresses the understanding and demonstration of the following elements of the accounting industry: planning management, finance. Technical and production skills, underlying principles of technology, and, analyzing and ethics.

BUSINESS SUPERVISION AND MANAGEMENT

82152000

1 Credit

This course is designed to prepare student or supervisor for employment as an Information Technology Assistant, Supervisor/Manager Trainee, and Supervisor and to provide supplemental training for persons previously or currently employed in any of these positions.

DIGITAL DESIGN I & 2

82095100

1 Credit

82095200

This course is 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, design, and measurement activities; decision-making activities, and digital imaging.

DIGITAL DESIGN 3 & 4

82095300

1 Credit

82095400

This course continues the development of industry-standard skills required for careers in the digital publishing industry. The content includes the use of a variety of software and equipment to perform digital publishing and digital imaging activities.

INTRODUCTION TO INFORMATION TECHNOLOGY

82073100

1 Credit

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research: operating systems and software applications; electronic communications including 3-mail and Internet services: basic HTML, DHTML, and XML web commands and design; and emerging technologies, and Web page design.

PC SUPPORT I—3

82072100

82072200

82072300

1 Credit

This course is designed to develop entry-level skills for PC support services. Emphasis is placed on developing an understanding of various computer software applications and computer hardware. Subsequent course continue the development of entry level skills, leading to employment.

WEB DESIGN I

82071100

1 Credit

This course is designed to provide basic overview of the Internet, Intranet, and WWW. The content includes operating systems; basic HTML Commands; navigation of the Internet, Intranet, and Web; and Web page design.

WEB DESIGN 2

82071200

1 Credit

This course provides advanced concepts for Internet, Intranet, and Web design. The content includes Internet/Intranet tools, Web site promotion, advanced HTML Commands, advanced page design, and multimedia applications.

WEB DESIGN 3

82071300

1 Credit

This course provides advanced concepts in design, implementation, and maintenance of an effective WWW site. Topics include programming on the WWW and network configuration.

INTERNATIONAL BUSINESS

8216100

1 Credit

Students are introduced to the concept of a global economy with attention given to economic, cultural, and political factors affecting international business. The program content includes the study of organizational structures, business management, entrepreneurship, human relations, cross-cultural communications, leadership, marketing, legal agreements, trade relations, banking and finance, international economics.

KEYBOARDING AND BUSINESS SKILLS

82003200

1/2 Credit

Instruction is designed to enable students to demonstrate minimum proficiency in correct keyboarding techniques, to use keyboarding as a practical tool in everyday living situations, and to perform selected generic skills used in general business procedures.

COMPUTER AND BUSINESS SKILLS

82003300

1/2 Credit

This course is designed to teach practical computer skills and the effects of their application on society. Instruction is designed to promote an understanding of computer processing with minimum proficiency in computer operations and the effect of software applications in business activities. Basic Keyboarding skills will also be stressed.

COMMUNICATIONS/MEDIA

INTRO TO TELEVISION PRODUCTION TELEVISION PRODUCTION 1,2,3

1100340

1/2 Credit

This class provides an overview of television as a news and entertainment medium. Students will learn how to develop stories, prepare them for reporting on-air, and basic video techniques. Prerequisite to Television Production. Subsequent courses build on the skills and techniques needed for entry level employment in the field.

DRAMA 1

0400310

1 Credit

This course provides an opportunity for students to explore various aspects of stagecraft, acting and producing. Students have an active role in several live productions ranging from comedy to musicals.

DEBATE 1

1007330

1 Credit

These courses provide instruction in argumentation and problem solving. The content includes logical thinking, organization of facts, speaking skills, research skills related to debate topics, and participation in frequent debate situations.

SPEECH 1

1007300

1 Credit

These courses provide students with an introduction to the skills and forms of both formal and informal oral communication. Major instructional areas will include forms of oral communication, techniques of group discussion, techniques of effective listening, analysis of audience and techniques of public speaking.

Drivers Education

DRIVERS EDUCATION

19003100

1/2 Credit

This course includes classroom instruction and behind the wheel instruction plus observation time. The course stresses knowledge of traffic laws, signs and safe driving practices. It also includes a mandatory drug and alcohol component. Parental involvement in student driving at home is essential. Practice

English/Language Arts

ADVANCED READING

10083200

1/2 Credit

The purpose of this course is the development of advanced reading skills for students who plan to continue their formal education after high school. Instruction includes preparation for SAT and ACT testing for college entrance.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

10014200

1 Credit

The course provides students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones. The content includes that specified by the Advanced Placement Program.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

10014300

1 Credit

This course includes instruction in the careful reading of literary works. Through such study, students develop their feeling for language and their understanding of the craft of writing. Students will examine individual works of literature in terms of language, characters, action, themes, structures, meanings and values. Writing assignments, while focusing upon the critical analysis of literature, will also include exercises in exposition, argument, personal narrative, and/or stories, poems or plays.

CREATIVE WRITING 1

10093200

1/2 Credit

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

CREATIVE WRITING 2

10093300

1/2 Credit

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

ENGLISH 1

10013100

1 Credit

This course provides instruction in reading and vocabulary necessary for comprehension of printed materials. The course includes composition instruction that focuses upon writing effective paragraphs and multi-paragraph papers, with emphasis upon all stages of the writing process (prewriting, drafting, revising). Speech instruction includes formal and informal presentations. The course includes opportunities for students to evaluate mass media. Literature study includes analysis of genre. The study of language encompasses elements of grammar, usage, and mechanics.

ENGLISH HONORS 1

10013200

1 Credit

This course provides instruction in critical analysis of literary genres. Composition instruction focuses upon using the writing process in creative, logical and critical modes. Formal speaking experiences are provided. The critical skills of listening and observing are emphasized.

ENGLISH 2

10013400

1 Credit

This course provides instruction in reading and vocabulary necessary for comprehension of printed materials. The course includes composition instruction that focuses upon the writing of essays for various purposes and audiences, using both literary and nonliterary subjects. Literature study will emphasize analysis of themes found in world literature. The study of language includes syntax, mechanics, usage and other conventions of standard written English. The study of mass media includes an analysis of propaganda and persuasion techniques.

ENGLISH HONORS 2

10013500

1 Credit

This course provides instruction in universal themes found in world literature, as well as the critical analysis of various genre in that literature. Composition instruction emphasizes the creative, logical and critical aspects of the writing process. Frequent practice is provided in utilizing all aspects of composition, including prewriting, drafting and revising. The study of language will include usage, mechanics, figurative language and other elements of standard written English. Formal and informal speaking opportunities will be provided. Vocabulary study focuses on verbal analogies and other items commonly found on standardized tests. Critical skills in listening and observing are emphasized.

ENGLISH 3

10013700

1 Credit

This course includes composition instruction that includes frequent practice in writing multi-paragraph papers in a variety of types of writing, including the writing of documented papers. In connection with the writing process, reference and summarizing skills will be stressed. Listening, speaking and writing assignments will also be a part of the study of American literature. This study will include the analysis of representative examples of American literary works in various genre, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary study will focus upon verbal analogies and other patterns commonly found on standardized tests.

ENGLISH HONORS 3

10013800

1 Credit

This course includes composition instruction with frequent practice in writing multi-paragraph essays in a variety of types, including the writing of documented papers. Literature study includes the written and oral analysis of American literary works representing the ethnic and cultural diversity of the American experience. The study of literature should include analysis of American dialects as reflected in the literature.

ENGLISH 4

10014000

1 Credit

This course includes instruction in vocabulary and reading necessary for students' comprehension of printed materials. Literature study includes the critical analysis of representative examples from British literature, as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school. Opportunities will be given to students for extending their speaking and listening skills.

ENGLISH HONORS 4

10014100

1 Credit

This course provides instruction in the written and oral analysis of major British literary works of various genre, in relationship to cultural influences and to the development of the literary traditions of the English language. Composition instruction will emphasize writing assignments that develop students' abilities to analyze critically. Opportunities will also be given for students to extend speaking and listening skills. Language study should include vocabulary study and an overview of the history of the language as reflected in English literature.

INTENSIVE READING

10004100

Multiple Credits

The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and develop independent reading endurance. Students will improve critical thinking, problem-solving, and test-taking skills and strategies, reading for meaning through varied reading materials at appropriate independent and instructional reading level, integration of reading with student written responses to text and high frequency content area vocabulary.

LITERATURE IN THE MEDIA

10053650

1 Credit

The purpose of this course is to enable students to develop knowledge of the narrative parallels between traditional (printed) literary texts and non-traditional (multi-media) texts.

Family and Consumer Sciences

CULINARY OPERATIONS I

Grades

85152100

The purpose of the program is to prepare students for employment or advanced training in the food service and hospitality industry

1 Credit

CULINARY OPERATIONS II

Grades

85152200

Food Production II is an advanced food career course. Students will work in the cafeteria and then a few days in the classroom to complete assignments. Upon completion of this class, participants will be eligible for the Gold Seal Scholarship!

1 Credit

OJT—ON THE JOB TRAINING

83004300

Multiple Credits

The Diversified Education Program permits a student who has reached the age of sixteen, completed grade eleven, completed courses required for graduation, passed the FCAT, and who has successfully acquired a job, to substitute 288 hours of supervised work experience for one credit up to a maximum of five credits towards graduation.

- Be a senior and on track with credits earned to graduate during the year of Guided Work
- Have at least a 2.0 GPA
- Have passed FCAT math **and** reading
- Have a job
- Have a signed parental permission form on file

School Counselors can provide additional information and clarification for students interested in taking Guided Work as a course during their senior year.

Students cannot be enrolled for more than 3 periods of Guided Work.

History/Social Studies

AMERICAN HISTORY

21003100

1 Credit

The purpose of American History 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 the nation. This course is required for 11th grade students.

AMERICAN HISTORY HONORS

21003200

1 Credit

The purpose of American History Honors is to provide students with the opportunity to acquire an in-depth and comprehensive 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 nation. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning, and interpretation.

ADVANCED PLACEMENT AMERICAN HISTORY

21003300

1 Credit

The purpose of Placement American History Honors is to provide students with the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with problems in American historic development. This is done by focusing on persistent themes and change in history and by applying historical reasoning to seek solutions to contemporary problems.

FLORIDA HISTORY

21003500

1/2 Credit

Students gain an understanding of the past history and present development of our state. The evolution of Florida's diverse cultural heritage, its economic growth and unique environment will be studied. The future demography of the state will be analyzed in order to better understand the complex problems facing not only our state, but the nation as well.

EAST & WEST HERITAGE

21003700

1/2 Credit

This course introduces the conceptual tools and skills necessary to investigate the birth and development of ancient civilizations throughout the world, the emergence of modern civilizations, and transitions leading to Renaissance. The theme-based course covers the time frame from prehistory to the Renaissance.

CIVIL WAR AND RECONSTRUCTION

21004200

1/2 Credit

The purpose of this course is to enable students to understand the major concepts and trends evidenced in United States History in the period from the sectional crisis through Reconstruction. The military conflict will be the main focus of the course, but why it happened and the war's results can only be explained in terms of the entire period of the sectional crisis. The course is divided into four "units" of instruction. Unit I, "The Coming of the War," examines the period between the Missouri Compromise (1820) and the attack on Fort Sumter. Unit II, "The Civil War, 1861-62" takes a look at the first year and a half of the military conflict, while Unit III, "The Civil War, 1863-65" assesses the final two and a half years of the war. Finally, Unit IV, "Reconstruction," is an examination of how the south was politically, economically, and socially "reconstructed" in the decade and a half after the war.

ARCHEOLOGY

21013100

1/2 Credit

Through the study of archeology, students will learn about the systematic recovery and study of material evidence. Students will further recognize the placement of cultural sequencing related to material evidence.

ECONOMICS

21023100

1/2 Credit

The purpose of economics is to provide students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. This course is required for graduation.

ECONOMICS HONORS

21023200

1/2 Credit

The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

ADVANCED PLACEMENT MACROECONOMICS

21023700

1/2 Credit

The purpose of Advanced Placement Macroeconomics is to provide students with an opportunity to earn college credit while fulfilling state curriculum requirements for graduation. Students will analyze the functioning of the economy as a whole including total output and income, level of employment, the level of prices, and the determinants of aggregate supply and demand. Specific content to be covered will include an understanding of fundamental economic concepts including scarcity, opportunity costs and

trade-offs, productivity, economic systems and institutions, and exchange money and interdependence.

WORLD GEOGRAPHY

21033000

1/2 Credit

This course deals with the social, political, cultural and physical characteristics of the World Topics include: maps, map reading, earth forms, weather climate, water, land forms, minerals, population growth, and cultural diversity. Emphasis will be placed on the study of the following regions: Central America, South America, Northern Europe, Mediterranean Europe, Eastern Europe, the U.S.S.R. and the Middle East.

THE AMERICAN MOSAIC

21046100

1/2 Credit

This course is designed to teach students an understanding of many of the diverse groups in American Society. Through the study of African-Americans, Hispanics, Women and the Jewish experience in the Holocaust, students will understand what tolerance is and the importance of accepting differences in American society today. Additionally, students will compare and contrast experiences among groups, to not only define their differences but to describe their shared histories. Thus, in teaching the culture of oppression shared by many groups, students will be helped to understand the American Mosaic.

ETHICS

21053500

1/2 Credit

The purpose of this course is to help students develop the ability to make reasoned and ethical choices when confronted with the many complex, controversial moral dilemmas faced in today's society. Students will become acquainted with the foundations of ethical thought and theories as well as gain an insight into the process of moral development. Students will also identify typical fallacies in flawed moral arguments. Students will also be given the opportunity, both orally and in writing, to apply the skills they acquire to real life moral dilemmas.

AMERICAN GOVERNMENT

21063100

1/2 Credit

The purpose of U.S. Government is to provide students the opportunity to acquire an understanding of the American government and political behavior. This course is required for 9th grade students.

AMERICAN GOVERNMENT HONORS

21063200

1/2 Credit

The course examines: interrelationship between American government and the American economic system; documents that shape our political traditions; government at the local, state, and national levels; political parties and interest groups in determining government policy; career opportunities; citizen rights and responsibilities; the democratic political process; and the role of women and diverse cultural groups in the development of our political system. Note: Credit in this course precludes credit in American Government

CIVICS

21063300

1/2 Credit

This course will introduce students to the concepts of citizenship, political and economic systems, and the structure of U.S. Government. It will also introduce students to various career opportunities and options and provide a background in the U.S. and Florida legal systems. Students will apply research, study, critical-thinking, and decision-making skills and demonstrate the use of new and emerging technology in problem solving.

POLITICAL SCIENCE

21063400

1/2 Credit

Students learn that the major influences in American society are government institutions and political processes. In order to function effectively in society students must be equipped with the tools to understand the political scene.

ADVANCED AMERICAN GOVERNMENT

21064200

1/2 Credit

The purpose of Advanced Placement American Government and Politics is to give students a critical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies.

LAW STUDIES

21063500

1/2 Credit

Students will examine the workings of the criminal and civil justice systems with emphasis on the application of the concept of criminal and civil law to simulated and real-life problems and case studies.

PSYCHOLOGY I

21073000

1/2 Credit

The purpose of these courses is to provide students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Topics will include an overview of the theories and methods of study employed by psychologists, human growth and development, self-concept development, intelligence, conditioning and learning as well as theories of behavior.

PSYCHOLOGY II

21073100

1/2 Credit

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

ADVANCED PLACEMENT PSYCHOLOGY

21073500

1 Credit

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

SOCIOLOGY

21083000

1/2 Credit

The purpose of Sociology is to provide students with the opportunity to acquire an understanding of group interaction and its impact on individuals.

WORLD HISTORY

21093100

1 Credit

The purpose of World History is to provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, scientific and cultural events that have affected humanity. This course is required for 10th grade students.

WORLD HISTORY HONORS

21093200

1 Credit

The course content includes geo-historic development; comparative views of history; origins of contrasting civilizations; role of religion in historical change; contrasting political theories; role of science and technology as social catalyst; nationalism; diversity of economic thought; influence of the major figures and events; interpretations of historical development. Note: Credit in this course precludes credit in World History.

CRITICAL THINKING STUDY SKILLS

17003700

1/2 Credit

The purpose of this course is to enable students to develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors.

International Baccalaureate (IB)

Mission:

The mission of the IB program is to develop inquiring, knowledgeable, caring young people who help create a better and more peaceful world through intercultural understanding and respect. The IB program also works with schools, governments and international organizations to develop challenging programs of international education with rigorous assessment.

Program Overview:

The IB program offers detailed curriculum guides for all subjects and grade levels with extensive teacher training. The program offers online access to 3,000 educational resources, subject area experts and discussion session for teachers with external and interior criterion as well as referenced assessments with a world class standard.

Throughout the IB Program students learn and do:

- Intercultural understanding and respect
- Community Service
- Study of a second or third language
- Study of other cultures and customs
- Independent research and performance assessment
- High expectations and rigorous curriculum

The IB curriculum is organized into six learning themes or groups as follows:

- Group 1- Language A1
- Group 2- Language B, Language A2
- Group 3-Individuals and Societies
- Group 4- Experimental Sciences
- Group 5- Mathematics
- Group 6- Arts (or other electives)

At Riverdale we will be offering the Pre-IB Program. Pre-IB courses will be offered for eligible 9th grade students beginning in the 2005-2006 school year. These courses include rigorous coursework sequenced to lead into the IB subjects to be offered at Riverdale High School for the Diploma Program.

PRE-IB Course Descriptions

Group I - English

English I

This course encompasses instruction in the background and critical analysis of major literary works representing various genres. Composition, focusing on the use of the writing process in logical and critical modes, including the use of research skill and vocabulary study is a course focus. Determination of Latin and Greek influences on the English language and advanced vocabulary for college bound students are also emphasized.

English II

The content of this course will include, but is not limited to critical analyses of major literary works representing various genres, composition focusing on use of the writing process in logical and critical modes, and, research skills and advanced vocabulary development for college bound students.

Group 2 - Foreign Language

French I /II or Spanish I /II (Language I required if the language not taken in Middle School or if starting a new language)

Language I - Introduce students to the language and the county's culture. Develop communication skill and cross-cultural understanding. Listening skill, speaking with special attention to pronunciation, introduction to reading and writing skills, fundamentals of grammar and culture.

Language II - Expand previously acquired skills. Content includes expansion of vocabulary and conversational skill through discussion based on reading; the strengthening of grammar skill through the analysis of reading selections; and, the acquisition on vocabulary relevant to every day life of the indigenous culture.

Group 3- Individuals and Societies

American Government - Examines interrelationships between: American government and the American economic system; documents that shape our political tradition; government at the local, state and national levels; political parties and interest groups in determining government policy; career opportunities; citizen rights and responsibilities; the democratic political process; and the role of women and diverse cultural groups in the development of our political system.

Economics - Provides students with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

Group 4- Experimental Sciences

Biology I - This course presents biology with related earth space topics in an accelerated mode. Units include biological and mineral classification systems, study of telescopes and microscopes, scientific theories of the origin of the universe, the solar system and life, cell biology, biological and ecological changes through time including the theories of plate tectonics and the study of land formations, the earth's major biomes, ecological relationships, the fundamentals of biochemistry including nucleic acids and protein synthesis, species variation, populations and adaptation, the structures and functions of plants, the structures and functions of animals, current technologies and trends.

Chemistry I The purpose of this course is to focus on accelerated chemistry with related earth/space science topics.

Group 5- Mathematics

Algebra I - This is a complete study of Algebra I topics for those students who did not complete an Algebra I course in middle school. It will provide a foundation for more advanced study in mathematics.

Algebra II - An in-depth student of Algebraic reasoning with emphasis on theory, proof, the development of formulas and their application.

Geometry - A rigorous study of spatial concepts with emphasis on methods of proof and the formal language of mathematics, with emphasis on trigonometry and analytic geometry.

Group 6- Sixth Subject IB Elective

Students will choose from the elective areas below. Students will take a different elective each semester, with the exception of Band which is a full year commitment.

- **ART** - Digital art, ceramics, drawing and painting, art theory, composition will be introduced. Students will explore the fundamentals of design, technique and history.
- **MUSIC** - Explore music theory, develop an understanding for and appreciation of different musical genres as they relate to history; learn to read and compose
- **BAND** - Work on an individual and ensemble approach to playing an instrument; explore composition and performance

- **TECHNOLOGY** - Develop an understanding of basic computer science topics in this survey course in preparation for Information Technology in a Global Society topics
- **AGRICULTURE** - Take this foundations course to develop familiarity with the sciences as they relate to agriculture
- **JOURNALISM**– The purpose of this course is to enable students to develop skills in journalistic media.

Additional Requirements for the IB Diploma

Inquiry Skills - Students will develop speaking skills as well as time management, organizing for success, research skills, presentation skill development as well as basic note taking. This 1/2 year course is required as preparation for a successful IB experience.

Cultural Literacy/Humanities Survey - This course is a 1/2 year course which is required of all Pre IB students at Riverdale High School. This course will provide background information on events and people who have shaped American culture, as well as bringing in those global events which connect major world happenings. Students will develop an appreciation for the diverse cultures which make up our world.

International Baccalaureate Diploma Programme Courses* Grades 11 and 12

THEORY OF KNOWLEDGE IB

09008000

1 Credit

The purpose of this course is to make explicit through analysis, comparison, and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history and in moral, political, and aesthetic judgments.

STUDIO ART 1 – A – IB SL 1

01148400

1 Credit

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture.

STUDIO ART 2 – A – IB SL 2

01148500

1 Credit

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols that form part of every culture.

ART 1 A and B – IB (Art Design) HL

01448600

1 Credit

The purpose of this course is to produce personal visual statements that search for aesthetic values and functional requirements and to understand the complex language of synthesis of visual symbols that form part of every culture

ART 2 A and B – IB (Art Design) HL

01448700

1 Credit

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols that form part of every culture.

International Baccalaureate

Requirements and Course Options for the IB Diploma Program

To remain in the IB Program and receive an IB diploma, students must test in six subjects

	Grade Nine	Grade Ten	Grade Eleven	Grade Twelve
ENGLISH	Pre-IB English I	Pre-IB English II	IB/AP English III	IB/AP English IV
SCIENCE	Pre-IB Biology I	Pre-IB Chemistry I Physics (Optional)	IB Biology II (SL/HL) IB Environmental Studies I (SL)	IB Biology III (SL/HL) IB Environmental Studies II (SL)
INDIVIDUALS/ SOCETY (Social Studies)	Pre-IB American Gov't and Pre-IB Economics	Pre-IB World Hist. OR IB/AP European Hist.	American Hist Honors OR IB/AP American Hist (HL) OR IB/AP Economics II (SL) OR IB Psychology (SL) OR IB ITGS (HL)	IB History of the Americas (HL) OR IB/AP Economics III OR IB Psychology (SL) OR ITGS (HL)
WORLD LANGUAGE (entry level based on past work)				
Spanish OR French	I or II	II or III	III or IV (HL/SL)	IV (SL) (HL by recommendation) or V (HL/SL)
MATH (level based on prior work)				
	Algebra I Honors/ Pre-IB	Geometry Honors/ Pre-IB	Algebra II Honors/ IB	Math Studies (SL)
	Algebra II Pre-IB	Geometry/Trig Pre-IB**	Math Studies (SL)	Calculus
	Geometry/Trig Pre-IB**	Pre-Calculus Pre-IB**	IB/AP Calculus AB	IB Advanced Calculus

Sixth Subject

Sixth subjects are taken for two years during grades 11 and 12. They can be any one of the following: a second science (HL/SL) a second foreign language (HL/SL), a second Indiv. and Society (SL), Art and Design (HL/SL), Music or Art History (SL).

Other

Theory of Knowledge

**Students must have completed Pre-Calculus before or during grade 10 in order to test in Mathematics at the higher level.

#Students who wish to test in History of the Americas must take IB/AP American History

ART IB HL 1

01148600

1 Credit

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture.

ART IB HL2

01148700

1 Credit

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture. The content should include, but not be limited to, the following; opportunities for students to develop aesthetic, imaginative, and creative faculties, activities that stimulate and train visual awareness, perception, and criticism of the arts of various cultures, activities that will enable students to discover, develop, and enjoy means of creative visual expression, which are suited to their temperament and capabilities, in the studio and elsewhere, activities that will encourage the pursuit of quality through training, individual experiment, and persistent endeavor, and activities that will exemplify and encourage a lively, inquiring, and informed attitude toward art and design in all their forms, in history and today.

BIOLOGY II (IB) HL 1

2000810G

1 Credit

The purpose of this course is to provide a study of the facts, principles and processes of biology. The course also includes collection and interpretation of data and formulation of hypotheses from available data.

BIOLOGY III – IB HL 2

2000820G

1 Credit

The purpose of this course is to study facts, principles and processes of biology. The course also includes collection and interpretation of data and formulation of hypotheses from available data.

CHEMISTRY 2 – IB

20038100

1 Credit

The purpose of this course is to provide an in-depth quantitative study of the development and application of chemistry principles, concepts, and experimental methods.

CHEMISTRY 3 – IB

20038200

1 Credit

The purpose of this course is to provide an in-depth, quantitative study of the development and application of chemistry principles, concepts, and experimental methods.

AP ENVIRONMENTAL SCIENCE IB

2001380G

1 Credit

The purpose of this course is to study the interaction of man with the environment. The content should include, but not be limited to, the following: scientific analysis -fundamental principles and concepts about the interdependence of earth's systems -population dynamics -distribution, ownership, and use degradation of renewable and nonrenewable resources-environmental quality-global changes and their consequences-environment and society: trade-offs and decision making-choices for the future

PHYSICS 3 (IB) SL

20038500

1 Credit

The purpose of this course is to provide a college-level course in physics and to prepare students to seek credit and/or appropriate placement in college physics courses

FRENCH 3 IB SL

07013400

1 Credit

The purpose of this course is to expand previously acquired skills. The content includes, but is not lim-

ited to advanced language structures, idiomatic expressions with emphasis on conversational skills and a variety of reading selections.

FRENCH 4 IB SL

00701830

1 Credit

The purpose of this course is to expand previously acquired skills and to prepare students to take the international baccalaureate language B exam in French at the standard level.

FRENCH 5 IB SL

07018400

1 Credit

The purpose of this course is to expand previously acquired skills and to prepare students to take the international baccalaureate language B exam in French at the high level.

SPANISH B 4 IB

07088300

1 Credit

The purpose of this course is to expand previously acquired skills and to prepare students to take the international baccalaureate language B exam in Spanish at the standard level.

SPANISH 5 B IB

07088400

1 Credit

The purpose of this course is to expand previously acquired skills and to prepare students to take the international baccalaureate language B exam in Spanish at the standard level.

IB STATISTICS/INTRO TO DIF CALC

12103100

1 Credit

The content of this course should include, but not be limited to the: exploratory data: observing patterns, and departures from patterns; planning of a study: deciding what and how to measure; anticipating patterns in advance: producing models using probability and simulation; statistical inference: confirming models.

MATHEMATICS STUDIES - IB

1202340G

1 Credit

The purpose of this course is to provide for the study of certain advanced topics. The content should include, but not be limited to, the following: the structure of mathematics, number theory, logic, relations, linear and exponential functions, probability and statistics, sequences and series.

IB MATH ANALYSIS

12013200

1 Credit

The purpose of this course is to develop and supplement the understanding of advanced topics below the level of calculus.

CALCULUS IB

12028000

1 Credit

The purpose of this course is to provide a foundation for the study of advanced mathematics.

ADVANCED PLACEMENT CALCULUS AB IB

1202310G

1 Credit

This course offers students college-level mathematics under the guidelines of International Baccalaureate Program.

ADVANCED PLACEMENT CALCULUS BC IB

1202320G

1 Credit

This course offers students college-level mathematics under the guidelines of the International Baccalaureate Program.

ENGLISH 3 IB

10018200

1 Credit

The purpose of this course is to develop independent critical competency in the study of literature and to foster a high level of achievement in writing, reading and speaking.

ENGLISH 4 IB

10018300

1 Credit

The purpose of this course is to develop independent critical competency in the study of literature and to foster a high level of achievement in writing, reading and speaking.

HISTORY OF THE AMERICAS IB

21008000

1 Credit

Students understand the development of the nations of the western hemisphere 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 process, religion, ethics, diverse cultures and humanities to solve problems in academic, civil, social, and employment settings.

PSYCHOLOGY IB

2107800

1 Credit

Through the study of psychology, students acquire an understanding of an appreciation for human behavior interaction and the progress development of individuals. This will better prepare them to understand their own behavior of others.

CONTEMPORARY HISTORY – IB

21098000

1 Credit

Students understand the development of the contemporary world within the context of history in order to develop relationships and understand events during their lifetime. 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.

EUROPEAN HISTORY IB

2109820

1 Credit

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

ECONOMICS 1 – IB

21028100

1Credit

The study of economics is intended to develop in the student: disciplined skills of economic reasoning: an ability to apply the tools of economics analysis to past and contemporary situations and data: an understanding of how individuals, organizations, societies, and regions organize themselves in the pursuit of economic goals: an ability to evaluate economic theories, concepts, and situations in a way which is regional and unbiased: and to appreciate an international perspective which features a respect for understanding of the interdependence and the diversity of economics realities in which individuals, organizations, and societies function.

MUSIC III IB (SL)

13008200

1 Credit

This course is an intense study of music as it relates to history and literature. The IB music program will give students the opportunity to explore and enjoy the diversity of music throughout the world, encourage students to develop perceptual skills through a breadth of musical experiences, learn and recognize, speculate, analyze, identify, discriminate and hypothesize in relation of music, and enable students to develop creatively their knowledge, abilities and understanding through performance and composition.

MUSIC IV – IB

13008300

1 Credit

The purpose of this course is to develop the International Baccalaureate students' mastery of techniques in the areas of listening, analysis, performing, and composing through the use of keyboard, computer-assisted writing, and student preferred applied instrument or voice medium.

INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY I- I/II (SL)

02008000

1 Credit

02009000

The emphasis of this course is on the social significance of, and ethical considerations arising from the widespread use of information technology in society. This implies the systematic and critical study of the social context in which information technology developments take place. These social contexts have several dimensions: economic, political, social, cultural, legal, environmental, historical, ergonomic, medical, and psychological. While ITGS does not necessitate a complete mastery of all social scientific concepts and theories, it requires a basic understanding of social processes and a familiarity with concepts with concepts such as culture, power, bias, and the social construction of reality. It also requires approach to the analysis of social processes.

BUSINESS AND ENTREPRENEURIAL PRINCIPLES

82151200

1 Credit

This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/ management skills, leadership skills, human resource management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development.

BUSINESS SUPERVISION 3

82151600

1 Credit

This course continues the study of business supervisory/management functions and business law concepts. Students are required to perform higher-level thinking and decision-making and to use technology as a resource to efficiently perform supervisory functions.

Leadership Skills Development

LEADERSHIP SKILLS DEVELOPMENT

24003000

1 Credit

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes

LEADERSHIP TECHNIQUES

24003100

1 Credit

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society.

Mathematics

ALGEBRA 1

12003100

1 Credit

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems.

ALGEBRA 1 HONORS

12003200

1 Credit

1200320G-IB

1 Credit

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems.

ALGEBRA 2

12003300

1 Credit

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields.

ALGEBRA 2 HONORS

12003400

1 Credit

1200340G-IB

1 Credit

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields.

ALGEBRA IA, B

12003700-12003800

1 Credit Each

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. This is a two year sequence of courses, Algebra Ia and Algebra Ib. Together, the two courses have the same requirements as Algebra I, Course Number 1200310.

INTENSIVE MATH

12004000

Multiple elective credit

The purpose of this course is to enable students to develop mathematics skills and concepts through remedial instruction and practice.

BUSINESS MATH

12055400

1 Credit

The purpose of this course is to enable students to develop mathematical competence in problem solving, communication, and reasoning, as related to the business world.

AP CALCULUS AB/BC

Grade 12

12023100

1 Credit

1202310G-IB

The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus.

PRECALCULUS

12023400

1 Credit

1202340G

The purpose of this course is to enable students to develop concepts and skills in advanced algebra, analytic geometry, and trigonometry.

INFORMAL GEOMETRY

12063000

1 Credit

The purpose of this course is to develop the geometric knowledge that can be used to solve a variety of real-world and mathematical problems. Geometric relationships are developed inductively, with hands-on activities. The content of this course is less rigorous than Geometry, Course Number 1206310, and does not include formal deductive proofs.

GEOMETRY

12063100

1 Credit

The purpose of this course is to develop the geometric relationships and deductive strategies that can

be used to solve a variety of real world and mathematical problems.

GEOMETRY HONORS

12063200

1 Credit

1206320G-IB

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

MATH FOR COLLEGE READINESS

1200700

1 Credit

The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra I, II, and Geometry and who wish to pursue credit generating mathematics courses at the college level.

PROBABILITY AND STATISTICS

12103000

1 Credit

The purpose of this course is to enable students to develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions

LIBERAL ARTS MATH

12083000

1 Credit

The purpose of this course is to enable students to strengthen algebraic and geometric concepts and skills necessary for further study of mathematics. (Enrollment limited to students who have NOT passed Algebra II).

Music

MUSIC APPRECIATION

13013100

1 Credit

The purpose of this course is to enable students to develop the knowledge and skills necessary to understand and appreciate how music is used in one's personal life as well as in varied cultures, societies, and historical periods.

KEYBOARD 1

13013600

1 Credit

The purpose of this course is to enable students to develop basic keyboard skills, including interpretation of notation and performance in varied styles.

BAND 1,2,3

13023000

1 Credit

13023100

13023200

The purpose of this course is to enable students to develop basic technical skills on wind or percussion 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.

BAND 4,5,6

13023300

1 Credit

13023400

13023500

The purpose of this course is to enable students to develop consistently proficient technical skills on

wind or percussion 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, critical listening, and aesthetic response.

INSTRUMENTAL TECHNIQUES 1,2,3,4

13024200
13024300
13024400
13024500

1 Credit

The purpose of this course is to enable students to develop basic performance skills on a selected instrument in a solo or small ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized.

JAZZ ENSEMBLE 1,2,3,4

13025000
13025100
13025200
13025300

1 Credit

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature.

CHORUS 1,2,3,4,5,6

13033000
13033100
13033200
13033300
13033400
13033500

1 Credit

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.

VOCAL TECHNIQUES/ CHORUS HIGH/LOW RANGE 1

13033600

1 Credit

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high/low range 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.

VOCAL ENSEMBLE 1,2,3,4

13034400
13034500
13034600
13034700

1 Credit

The purpose of this course is to enable students to develop basic performance techniques in a small ensemble setting through the study of varied high school choral literature. Emphasis will be placed on vocal independence, expressiveness, and stylistic authenticity.

EURHYTHMICS 1,2,3,4

13053000
13053100
13053200
13053300

1 Credit

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance.

Physical Education

PERSONAL FITNESS

15013000

1/2 Credit

The purpose of this course is to (a) acquire knowledge of physical fitness concepts (b) understand the influence of lifestyle on health and fitness, and (c) begin to develop an optimal level of fitness.

ADVANCED WEIGHT TRAINING

15013600

1/2 Credit

The purpose of this course is to enable students to develop advanced knowledge and skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

COMPREHENSIVE FITNESS

15013900

1/2 Credit

The purpose of this course is to enable students to develop understanding of fitness concepts, design a personal fitness program, and develop an individualized level of health-related fitness.

BEGINNING/INTERMEDIATE POWER WEIGHT TRAINING

15014100

1/2 Credit

The purpose of this course is to enable students to acquire basic knowledge and skills in power weight training and to maintain or improve health-related fitness.

RECREATIONAL ACTIVITIES

15024700

1/2 Credit

The purpose of this course is to enable students to develop knowledge and skills in recreational activities and maintain or improve health-related fitness.

BEGINNING AEROBICS

15034000
15034100
15034200

1/2 Credit Each

The purpose of these courses is to enable students to develop basic-level knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness. Subsequent courses provide additional levels of difficulty.

HOPE – PHYSICAL EDUCATION VARIATION

15063200

1 Credit

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness.

BASKETBALL

15033100

1/2 Credit

The purpose of this course is to enable students to develop knowledge and skills in basketball and to maintain or improve health-related fitness.

SOCCER

15033200

1/2 Credit

The purpose of this course is to enable students to develop knowledge and skills in soccer and to maintain or improve health-related fitness.

BEGINNING VOLLEYBALL

15055000

15055100

15055200

1/2 Credit

The purpose of this course is to enable students to acquire basic knowledge and skills in volleyball and to maintain or improve health-related fitness. Subsequent courses continue to build on skill development and fitness activities.

Science

BIOLOGY I

20003100

1 Credit

A survey course designed to develop an understanding and appreciation of living organisms. Inquiry, observation, field study and experimentation provide a scientific view of our world. Contents include: cell structure and function, biochemistry, genetics, taxonomy, human systems, plants and animals.

BIOLOGY I HONORS

20003200

1 Credit

For the talented student, advanced biology is an accelerated college preparatory course designed to develop an appreciative scientific attitude toward the interrelationship of living organisms. Inquiry, observation, field study, and experimentation provide students a scientific view of their world. Contents include the study of the scientific process, cellular and molecular biology, genetics and development, comparative anatomy, and human systems.

ADV PL BIOLOGY

20003400

1 Credit

Designed for the student who will major in science, become a premedical student, or who needs a background in biology, this course is equivalent to a one-year college survey course treating three main content categories: cellular and molecular organism, ecological and evolutionary. A knowledge of algebra and chemistry is required.

ANATOMY PHYSIOLOGY HONORS

20003600

1 Credit

This course provides in-depth activities relating to the structures and functions of the components of the human body. The content will cover anatomical terms of all systems of the body. Extensive laboratory investigations are an important part of the course.

ZOOLOGY

20004100

1 Credit

This is a lecture and laboratory course in biology presenting in-depth concepts of invertebrate and vertebrate zoology. Semester one will give students a comprehensive survey of invertebrate zoology. The second semester will survey vertebrate life processes.

ENVIRONMENTAL SCIENCE

20013400

1 Credit

This activity-oriented course explores topics in pollution, land use, and the role of the individual in both causing and solving problems related to the environment.

ASTRONOMY SOLAR/GALACTIC

20013500

1 Credit

This course provides the student with a study of the universe and the conditions, properties, and motions of bodies in space.

INTEGRATED SCIENCE 1

20024000

1 Credit

The purpose of this course is to develop comprehensive concepts and to do investigative studies of concepts basic to the earth, its materials, processes, and history and environment in space. This course will also provide students with investigative studies of the theories and laws associated with the natural physical and chemical properties of matter and familiarize students with human growth and development within the context of our society.

INTEGRATED SCIENCE 1 HONORS

20024100

1 Credit

The purpose of this course is to develop comprehensive concepts and to do investigative studies of concepts basic to the Earth, its materials, processes, history, and environment. The content and laboratory investigations will be taught on an advanced level.

CHEMISTRY 1

20033400

1 Credit

This is a lecture and laboratory course. The student will learn the importance of chemicals in our everyday life and how to make them work usefully in our world. This course would be helpful to a student planning to enter health services, cosmetology or laboratory services.

CHEMISTRY 1 HONORS

20033500

1 Credit

Emphasis is on developing the ability to think and to use available facts in the analysis of laboratory investigations. This course prepares students for college work in both biological and physical sciences.

PHYSICS 1

20033800

1 Credit

The purpose of this course is to provide students with an introductory study of the theories and law governing the interaction of matter, energy, and the forces of nature.

PHYSICS 1 HONORS

20033900

1 Credit

This is a lab-centered course that emphasizes conceptual understanding and critical thinking as encountered in investigations into the physical properties and characteristics of matter, energy, and resultant forces.

World Language

FRENCH 1

07013200

1 Credit

French I provides the student with a sound basis for learning contemporary French and increases student's awareness and understanding of the French-speaking world, its people and culture. Basic language skills are developed: listening comprehension, speaking, reading, and writing. Co-curricular field trips are offered as part of class study.

FRENCH 2

07013300

1 Credit

Based upon the same goals as French I, this course aims to provide continuing practice in developing the same skills learned at the first-year level, while reviewing and expanding upon the structures and vocabulary. Co-curricular field trips are offered as part of class study.

FRENCH 3

07013400

1 Credit

Based upon the same goals as French I and II, this course aims to provide continuing practice in developing skills acquired and learned in levels one and two, while again reviewing and expanding upon the structures and vocabulary presented in French I and II. Grammar points are completed at this level. Co-curricular field trips are offered as part of class study.

FRENCH 4

07013500

1 Credit

This honors class emphasizes fluency in the skills of listening comprehension, speaking, reading and writing, while expanding the students' vocabulary. Practice in these skills will be based on literature selections: anecdotes, short stories, poems and novels. Grammar review is interspersed. Co-curricular field trips are offered as part of class study.

SPANISH 1

07083400

1 Credit

The purpose of this course is to enable students to begin to acquire proficiency in Spanish 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.

SPANISH 2

07083500

1 Credit

The purpose of this course is to enable students to enhance proficiency in Spanish 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.

SPANISH 3

07083600

1 Credit

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

SPANISH 4

07083700

1 Credit

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

AP SPANISH LANGUAGE

07084000

1 Credit

The purpose of this course is to develop oral and written fluency in Spanish. The curriculum content is specified by the Advanced Placement Program.

AP SPANISH LITERATURE

07084100

1 Credit

The purpose of this course is to develop oral and written fluency in the language. The curriculum content is specified by the Advanced Placement Program.

SPANISH FOR SPANISH SPEAKERS I,2,3,4

07093000
07093100
07093200
07093300

1 Credit

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired.

HIGH TECH CENTERS

Admission Steps:

- STEP 1** Be 16 years of age or older.
- STEP 2** See your Career Specialist and/or School Counselor at your high school for referral to visit a High Tech Center.
- STEP 3** You must take the TABE test (not a pass/fail test). In order to test at our site, please make an appointment at a High Tech Center and plan to stay all day, or you can test in the evening (when available).
- STEP 4** Visit High Tech Center and have a conference with a High Tech Center counselor.
- STEP 5** The Career Specialist and/or School Counselor at your high school will forward a registration packet, FCAT test, transcript or academic history and referral form.
- STEP 6** High school ESE students will need a current IEP as an admission requirement to attend a High Tech Center.

The High Tech Centers has over a 30-year record of providing a safe learning environment for all. Opportunities for participation in student organizations such as Skills USA (VICA) and Health Occupations Students of America (HOSA) are available to High Tech Center students. The High Tech Centers offer a totally different learning environment, which fosters personal growth, career development and initiative. The High Tech Centers offer students educational opportunities so that they may achieve career and life successes.

The Vocational Preparatory Instruction (VPI) Center offers the following classes for **full-time** students needing required courses for graduation: English I, II, III, IV; Economics; American History; American Government; Algebra IA, IB; Algebra I; Geometry; and FCAT Preparation/Remediation. High school students may earn no more than 2 academic credits per year in the VPI Center (Exceptions: Cosmetology students can only earn 1 academic credit per year and PCT students must have all required courses for a regular diploma).

Lee County High Tech Center – North Cape Coral Programs Offered

Full-time 8 A.M. – 1:30 P.M. (3 elective credits per semester)

Part-time 8 A.M. – 10:30 A.M. (1.5 elective credits per semester)

Exceptions are Surgical Technology, Practical Nursing and Facial/Nail Specialty

Business Technology

Accounting
Administrative Assistant
Business Supervision and Management

Health Sciences

Medical Coder/Biller ATD*
Medical Coder Biller, ONLINE*
Patient Care Program (PCT** and CNA*)

Medical Administrative Specialist

Surgical Technology*
Practical Nursing*

Industrial Technology Education

Computer Systems Technology
Drafting Technologies:
 Architectural, Electrical,
 Mechanical, and Structural
Electronic Systems Assembly
Web Design
PC Support Services

Information Technology

Commercial Art Technology
Digital Design
Network Support
Web Programming*
Electronic Technology

Hospitality & Service

Nail Specialty**
Facial Specialty**
Commercial Foods and Culinary Arts**

The **Learning Center** lab offers the following classes for full-time students who need required courses for graduation: English I, II, III, IV; Economics; American Government; Pre-Algebra; Algebra 1, 1A and 1B, and 2; and Geometry. Students who need skill upgrading for the TABE test, TABE Testing, GED preparation, and individual instruction is also available in the **Learning Center** lab at no cost.

* **Not available for high school students**

** **Not available part-time**

~PROGRAM COMPLETORS CAN ARTICULATE CREDITS TO EDISON COMMUNITY COLLEGE

LEE COUNTY HIGH TECH CENTER – CENTRAL

3800 Michigan Avenue

Ft. Myers, FL 33916

Phone: (239) 334-4544

Fax: (239) 332-4839

<http://www.lee.k12.fl.us/nvt/>

PROGRAM OFFERINGS

Full-time 8 A.M. – 1:30 P.M. (3 elective credits per semester)

8:00 A.M. to 1:30 P.M.* Monday-Friday

***Exceptions: Cosmetology and Health Science**

- Accounting Operations
- + **Administrative Assistant**
- + **Applied Welding Technologies**
- * **Architectural Drafting**
 - Automotive Body Repair & Refinishing**
 - Automotive Service Technology**
 - Automotive Youth Educational Systems**
- + **Business Supervision & Management**
- Carpentry**
- Culinary Arts and Commercial Foods**
- * **Computer Electronic Technology**
- ~ **Cosmetology (8:00 A.M. - 2:30 P.M.)**
- + **Early Childhood Education**
- * **Electricity**

- * **Electronic Technology**
Gasoline Engine/Diesel Service Technology
- * **Heating, Air Conditioning & Refrigeration Tech.**
- * **Marine Service Technology**
Massage Therapy
Network Support Services
Nursing Assistant
- +**Patient Care Technician**
- * **PC Support Services**
Plumbing Technology
Practical Nursing
Web Design Services
Web Programming Services

- * **11th and 12th Graders Only**
- + **10th, 11th and 12th Graders Only**
- ~ **High School Seniors Only**
Printing & Graphic Arts