

ADMINISTRATION

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The curriculum guide is provided to students as a guideline to curriculum options and information available at the time of printing. Changes and/or adjustments may occur due to district and/or state updates or funding provisions

GRADUATION REQUIREMENTS

For Students Entering High School Prior to 2007/2008

| | |
|--|-------------------|
| English | 4 |
| Mathematics (includes Algebra 1) | 3 |
| Science | 3 |
| Social Studies (includes - World History American History Government/Economics) | 3 |
| Practical/Performing Arts | 1 |
| Life Management Skills | 1/2 |
| Personal Fitness | 1/2 |
| Physical Education | 1/2 |
| Electives | 8 1/2 |
| TOTAL | 24 Credits |

In order to receive a standard diploma, students must complete at least –
24 Credits (including those listed above)

Pass FCAT Reading & Math

2.0 GPA

PROMOTION CRITERIA

Grade 10 Earn 4 credits and be in 2nd year of high school

Grade 11 Earn 10 credits and be in 3rd year of high school

Grade 12 Earn 17 credits and be in the 4th year of high school

18 CREDIT GRADUATION OPTION

Students may choose to graduate through an 18 credit option. The student and parent must sign an intent form prior to the end of the student's 9th grade year, and students must complete this option within three years of high school.

GRADUATION REQUIREMENTS

For Students Entering High School IN or AFTER 2007/2008

| | |
|---|-------------------|
| English | 4 |
| Mathematics (includes Algebra 1) | 4 |
| Science | 3 |
| Social Studies (includes - World History American History Government/Economics | 3 |
| Fine Arts | 1 |
| Physical Education (including Health component) | 1 |
| Electives (includes at least 4 in a major interest) | 8 |
| TOTAL | 24 Credits |

**In order to receive a standard diploma, students must complete at least –
24 Credits (including those listed above)**

Pass FCAT Reading & Math

2.0 GPA

PROMOTION CRITERIA

Grade 10 Earn 4 credits and be in 2nd year of high school

Grade 11 Earn 10 credits and be in 3rd year of high school

Grade 12 Earn 17 credits and be in the 4th year of high school

18 CREDIT GRADUATION OPTION

Students may choose to graduate through an 18 credit option. The student and parent must sign an intent form prior to the end of the student's 9th grade year, and students must complete this option within three years of high school.

OTHER GRADUATION INFORMATION

Final GPA and Class Ranking

GPA for class rank and honors and GPA for graduation is based on all courses weighted and un-weighted , with grade forgiveness applied. (Senate Bill 842.2000)

Honors.....3.200 – 3.499 GPA
High Honors.....3.500 or Higher GPA

- Academic courses labeled Honors in the Florida Course Code Directory and the District Course Catalog will be given a weighting factor of 0.5 per half credit.
- Advanced Placement, International Baccalaureate, and university or college level dual enrollment or early admission courses approved by the Director of Secondary Education will be given a weighting factor of 1.0. Some dual enrollment courses may have a .5 weighting factor.
- Some courses taken at the college level are equivalent to .5 high school credits, while others are equivalent to 1 high school credit. Students are responsible for getting approval of the courses taken through their guidance counselors to be sure that all graduation requirements are being met.
- ½ Credit of physical education may be waived, prior to calculation of the final GPA, by -
Participation in ½ credit of Marching Band with a grade of “C” or better **OR**
Participation in ½ credit of JROTC with a Grade of “C” or better
(At this time, the physical education requirements are being revised for the Class of 2011 and after).
- ½ Credit of Health/Life Management may be waived, prior to calculation of the final GPA by –
Participation in two credits of JROTC with a Grade of C or better
- Exemption from Personal Fitness = 2 full seasons of sports (Junior Varsity or Varsity) and a Grade of C or better on the DOE test.

NOTES:

- Other methods of calculating grade point averages may be used for various purposes such as eligibility for interscholastic extracurricular activities, college admission, NCAA eligibility, Bright Futures Scholarships, and other awards.

LAKE REGION HIGH SCHOOL FRESHMAN SUCCESS ACADEMY

The Freshman Success Academy is designed to support students in the important transition to high school. The Academy is committed to helping 9th grade students to succeed academically and personally through a student-centered team setting.

All first time 9th grade students will be enrolled in the Freshman Success Academy. Each student will be assigned to one of four instructional teams. Each team includes a math, English, science, and reading teacher. The teams focus on students' academic performance, behavior, and attendance. The academy is primarily clustered in a separate area on the campus except for elective courses.

FRESHMAN SUCCESS ACADEMY GOALS

- All 9th grade students will progress academically to 10th grade at the end of the year**
- All 9th grade students will be prepared for success on the Florida Comprehensive Assessment Test (FCAT)**

NCAA Eligibility Standards

For students entering any college or university on or after August 1, 2005, your NCAA initial eligibility will be evaluated under the following rules.

For students enter any Division I college or university on or after August 1, 2008, your NCAA initial eligibility will be evaluated under the 16 core-course rule

| DIVISION I 2005-2007 | DIVISION I 16 CORE-COURSE RULE 2008 and after | DIVISION II 2005 and after |
|--|---|--|
| <p>14 Core Courses:</p> <ul style="list-style-type: none"> • 4 years of English • 2 years of Mathematics (Algebra I or higher) • 2 years of natural/physical science (1year of lab if offered by high school) • 1 year of additional English, Mathematics or natural/Physical Science • 2 years of social science • 3 years of additional courses (from any area above, Foreign language or non-Doctrinal religion/philosophy) <p>14 Credits Required</p> <p>○ Earn a minimum required grade-point average in your core courses; and</p> <ul style="list-style-type: none"> • Earn a combined SAT or ACT sum score that matches your core course grade-point average on the test score sliding scale. | <p>16 Core Courses:</p> <ul style="list-style-type: none"> • 4 years of English • 3 years of Mathematics (Algebra I or higher) • 2 years of natural/physical Science (1 year of lab if offered by high school) • 1 year of additional English, Mathematics or Natural/Physical Science • 2 years of social science • 4 years of additional courses (from any area above, foreign Language or non-doctrinal religion/philosophy) <p>16 Credits Required</p> <ul style="list-style-type: none"> • Earn a minimum required grade-point average in your core courses; and • Earn a combined SAT or ACT sum score that matches your core course grade-point average and test score sliding scale. <p>Requirement to graduate with your high school class Beginning in 2007 and thereafter, you must graduate from high school on schedule (in eight semesters) with your incoming ninth grade class. You may use one core course completed in the year after graduation (summer or academic year). You may initially enroll full time at a collegiate institution at any time after completion of the core course.</p> | <p>14 Core Courses:</p> <ul style="list-style-type: none"> • 3 years of English • 2 years of Mathematics (Algebra I or higher) • 2 years of Natural/Physical Science (1 year of lab if Offered by high school) • 2 year of additional English, Mathematics or natural/Physical Science • 2 years of Social Science • 3 years of additional courses (from any area above, foreign Language or non- doctrinal religion/philosophy) <p>14 Credits Required</p> <ul style="list-style-type: none"> • Earn a 2.000 grade-point average or better in your core courses; and • Earn a combined SAT score of 820 or an ACT sum score of 68. <p>There is no sliding scale in Division II.</p> |

SPECIALIZED PROGRAMS

Honors Level Courses

Advanced/Honors courses at Lake Region High School require students to work at an accelerated level of academic focus. Admission to these courses will be determined by FCAT scores in reading and math, teacher recommendations and previous courses.

Advanced Placement Program (AP)

Lake Region High School participates in the College Entrance Examination Board's Advanced Placement Program. AP courses are taught on the university level at the school. Students who complete high school advanced placement courses and achieve scores of 3 or better on the AP examinations in those courses may receive college credit at the post-secondary institution where the student enrolls following high school. Students should check directly with the colleges or use the catalogs or software available in the Lake Region High School College/Career Room to determine how each college awards credit for AP test scores. The course descriptions are found in this Curriculum Guide

Students enrolled in an AP course are expected to complete the AP course and take the AP examination at the end of the year.

Dual-Enrollment/Early Admission

Grade level: 10-12

PCC and the Polk County Public Schools have an articulation agreement by which Sophomores, Juniors and Seniors with excellent academic achievement may attend classes at PCC and may receive credit toward high school graduation and college credit at PCC. Students who have at least a 3.0 overall un-weighted GPA can apply for part-time enrollment. Seniors with at least a 3.2 overall un-weighted GPA at the end of 11th grade can apply for full-time enrollment.

- Students must register for a regular full time schedule at Lake Region with Lake Region courses.
- Students must obtain approval from their Guidance Counselor to take PCC classes
- Students must take and pass the College Placement Test and be accepted into PCC.
- Upon approval to PCC, students will meet with their Guidance Counselor to determine which Lake Region courses to drop and replace with PCC courses.
- Students who drop a PCC course at anytime during the term will be enrolled in a Lake Region course at the appropriate time.
- Students who drop a PCC course will receive a grade of "F" on their academic history for that course.

COURSE REGISTRATION

Each year, Guidance Counselors meet with students in Grades 8 – 11 for the selection of courses for the following school year. Consideration is given to students' FCAT scores, prior year course performance, and teacher recommendations.

Semester Courses = ½ Credit

Year Long Courses = 1 Credit

Once a student has registered for the course, it is the opinion of the administration the student has made a commitment to the school, the teacher and to themselves.

Student course selections are very important decisions. Courses, sections and entire programs are determined by the selections students make. Staffing needs are impacted by courses selected by students. Students are afforded specific opportunities to make changes in their schedules prior to the beginning of the new school year. Once these windows of opportunities pass, student course selections are considered to be final and student requests for schedule changes can not be accepted. Administrative changes in student schedules may occur due to the number of students enrolled in courses.

Criteria for Considering a Schedule Change

1. Changes occur in courses or sections in the master schedule
2. The student does not meet the prerequisite for the course.
3. The student needs to move from one level of a course to a lower or higher level. Guidance/Administrative approval is required.
4. A senior needs a course specifically for graduation or college.

ADMISSION POLICIES FOR STATE UNIVERSITIES OF FLORIDA

The Florida Board of Regents has established minimum state level admission policies for first-time-in-college students and for students transferring without having AA degrees from a Florida community college. These policies include a list of required high school academic courses considered to be the best preparation for entry to college. These requirements are minimum state standards which apply to all of the nine public universities in Florida.

Beyond these state standards, each public university may establish higher or additional criteria for admission. Reasonable substitutions for admission requirements are available to students having a visual or hearing impairment or specific learning disability. Information about substitutions is available from the University Admissions Office or the Office of Special Services.

A State University freshman applicant normally must meet the following requirements:

- A high school diploma
- Test scores from the SAT or ACT.
- A “B” average (3.0 on a 4.0 scale) in the following academic subjects (additional weights will be assigned to grades in Honors and/or Advanced Placement courses).
- Four credits in English, three of which must have included substantial writing requirements.
- Three credits in Natural Science, two of which must have included laboratory requirements.
- Three credits in Mathematics, all of which must be done at the algebra and above levels. (Liberal arts math does not count)
- Three credits in Social Science.
- Two credits in Foreign Language both of which must be in the same language (an additional credit is strongly recommended)
- Four credits in additional approved electives.

Students who entered as high school freshmen July 1, 2000 or later may complete the four elective requirements in any combination of courses listed in the Department of Education Course Code Directory, as follows:

Up to four credits of Level II courses in-

English/Language Arts

Mathematics

Natural Science

Social Science

Foreign Language

Fine Arts

Level III courses in any discipline

Dual Enrollment courses for which both high school and postsecondary credits are granted.

Up to two credits of Courses grade nine or above in ROTC/Military Training

ADMISSION POLICIES FOR STATE UNIVERSITIES OF FLORIDA (continued)

Please note that although the state universities only require 19 credits for admission, Polk County requires a total of 24 credits for graduation. A student who has less than the required 3.0 average must present a combination of grade point average and SAT or ACT scores as outlined in a scale as approved by the State Board of Regents. Please see your counselor for further details.

COMPETITIVE ADMISSION PRACTICES

Admission into Florida's state universities is controlled and competitive. The degree of competition will vary from institution to institution and from time to time, depending on the number and qualifications of those who apply for admission. Generally speaking, the competition is greater for the Fall semester because of the large number of applicants for that term. Because of the competitive nature of the admissions process, high school students should try to exceed the minimum requirements in order to increase their chances of admission.

COMMUNITY SERVICE PROGRAM

There are three parts of the Community Service Program. Any hour volunteered may count for any one or all three parts of the program.

- **Florida Academic Scholar Requirement:**

Students wishing to meet the Florida Academic Scholars Award requirements must serve 75 hours of community service in addition to meeting the other criteria. They must provide an action plan which includes a statement of the social problem addressed and the project to be completed. An evaluation product must be completed at the end of the program. For information and necessary forms, see your guidance counselor. Please be advised these programs are at the discretion of changes made by the Florida Legislature.

- **High School Credit Program:**

High School students may receive one-half credit in an elective community service course for each 75 hours served up to one total credit. There will be no time limit on students applying for the beginning of the Senior year for entry into or completion of the program. For Seniors wishing to use the credit program during the Senior year:

1. Application must be made before March 1.
2. The last day that hours may be recorded is the last day Seniors attend class.
3. No carryover of hours is allowed beyond the end of the student's normal Senior year.

- **Awards:**

| 10-49 hours | 50-99 hours | 100-224 hours | 250 or more hours |
|-------------|--------------------------------|--|--|
| Certificate | Certificate with embossed seal | Certificate with embossed seal and Service Pin | Certificate with embossed seal, Service Pin, and Silver Cord to wear at commencement |

Full information and applications may be obtained from the Community Service Coordinator or the High School Guidance Office.

FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM GOLD SEAL VOCATIONAL CLUSTERS

You may choose 3 courses from a vocational cluster other than the introductory courses

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|--|---|
| Accounting | 82090200 Computing for College & Career 82033100 Accounting Applications 1 82033200 Accounting Applications 2 82033300 Accounting Applications |
| Agriculture | 81068100 Agriscience Foundations 81068200 Agritech 1 81068300 Agritech 2 |
| Agricultural Communications | 81068100 Agriscience Foundations 81170100 Agricultural Communications 2 81170200 Agricultural Communications 3 |
| Business Supervision & Management | 82090200 Computing for College and Career 82151200 Business and Entrepreneurship 82151300 Legal Aspects of Business |
| Child Care Provider | *Introductory Classes:85003000 Parenting Skills 85003100 Child Development 85032110 Early Childhood 1 85032120 Early Childhood 2 85032130 Early Childhood 3 |
| Culinary Operations | *Introductory Classes: 85003550 Nutrition and Wellness 85003900 Principals Food Prep.2 85152100 Culinary Operations 1 85152200 Culinary Operations 2 85152300 Culinary Operations 3 |
| Digital Publishing | 82090200 Computing for College & Career 82095100 Digital Design 1 82095200 Digital Design 2 |
| Diversified Career Technology | 83030100 Diversified Career Tech. 1 83030200 Diversified Career Tech. 2 83030300 Diversified Career Tech Mgt |
| Drafting | 86008100 Drafting and Design Tech 1 86008200 Drafting and Design Tech 2 86008300 Drafting and Design Tech 3 |
| Fashion Design Services | 85064050 Design Services Core 85064100 Prin. of Fashion Design Services 85064200 Pattern of Design Tech 85064300 Fashion Design Spec |
| Graphic Arts / IMAG ACADEMY *Applications Required: www.polkacademies.org | 86010100 Introduction to Graphic Arts 86010200 Intermediate Graphic Arts 86010300 Advanced Graphic Arts |
| Marketing/ IMAG ACADEMY *Applications Required: www.polkacademies.org | 88271100 Marketing 1 88271200 Marketing 2 88271300 Marketing Management |
| Health Occupations/Medical | *84003200 Medical Skills & Services 84171000 Health Science I 84171100 Health Science II 84171310 Allied Health Assisting III |
| PC Support | 82090200 Computing for College & Career 82072100 PC Support 1 82072200 PC Support 2 |
| Television Production | 87721100 Television Production 1 87721200 Television Production 2 87721300 Television Production 3 |
| Web Design Services | 82090200 Computing for College & Career 82071100 Web Design 1 82071200 Web Design 2 82071300 Web Design 3 |

A (*) indicates a pre-requisite course but does not count toward Gold Seal

AGRICULTURE

FFA is the organization affiliated with agricultural studies.

Program Sequences for Florida Vocational Gold Seal Scholars Award

Students must complete 3 Agriculture Courses which include Agriscience Foundations plus Course 1 & 2 in Agritechnolgy OR Agriscience Foundations plus Course 2 & 3 in Communications.....

**Agritechnology 1
Agritechnology 2**

**Agricultural Communications 2
Agricultural Communications**

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|----------|--------|---|
| Agriscience Foundations Develop competencies in the areas of agricultural history, global importance of agriculture, career opportunities, applied scientific and technological concepts. | 81068100 | 1 | |
| Agritechnology 1 and Welding Fabrication Students experience welding in fabrication projects while developing competencies in skills needed for agri-industrial careers. | 81068200 | 1 | Agriscience Foundations |
| Agritechnology 2 and Welding Fabrication Students experience welding of alloy metals using arc, MIG, and TIG machines. This course is designed to provide training and competency in skills needed for agri-industrial careers. | 81068300 | 1 | Agritechnology 1 and Welding Fabrication |
| Automotive and Ag. Mechanics 2 Students learn concepts of automotive and related engines including horsepower increases on performance engines. | 81031200 | 1 | Agritechnology 2 and Welding Fabrication |
| Automotive and Ag. Mechanics 3 Students learn to use machines related to operating their own business, including lathes, mills, CNC plasma cutters, tire change equipment, balances, etc. | 81031300 | 1 | Automotive and Ag. Mechanics 2 |
| Agribusiness Cooperative Education-OJT This program prepares students for employment and includes use of facilities, land, water, machinery and labor production of plants and animal breeding. | 81004100 | Varies | Teacher Approval and Agritechnology 1 and 2 |

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|---|----------|---|-------------------------------|
| <p>Agricultural Communications 2/Leadership</p> <p>This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry.</p> | 81170100 | 1 | Agriscience Foundations |
| <p>Agricultural Communications 3/Leadership</p> <p>This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry, and advertising and marketing.</p> | 81170200 | 1 | Agricultural Communications 2 |

ART
(All Art courses count for Performing Arts credit.)

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|---|
| <p>Drawing/Painting1</p> <p>This is a beginning course in the observational & compositional skills necessary to communicate a range of subject matter & concepts using a variety of drawing & painting media & techniques.</p> | 01043200 | 1 | <p>9th – 12th grade level course A materials fee of \$25.00 is required.</p> |

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| <p>Drawing/Painting 2 This is an intermediate-level course in the skills necessary to communicate a range of subject matter & concepts using knowledge of drawing & painting media & techniques.</p> | 01043300 | 1 | 9 th – 12 th grade level course B or better in Drawing/Painting, and teacher approval. A materials fee of \$30 is required. |
| <p>Ceramics & Pottery 1 This is a beginning course about using clay to create functional & nonfunctional works of ceramics & pottery using basic hand-building techniques.</p> | 01023000 | 1 | 10 th – 12 th grade level course A materials fee of \$25 is required. |
| <p>Ceramics & Pottery 2 This second-level course is about using clay to create functional & nonfunctional works of ceramics & pottery using intermediate-level hand-building & basic wheel-throwing techniques.</p> | 01023100 | 1 | 10 th – 12 th grade level course B or better in Ceramics & Pottery 1, teacher approval. A materials fee of \$30 is required. |
| <p>Ceramics & Pottery 3 This advanced course is about using clay to create functional & nonfunctional works of ceramics & pottery using advanced hand-building, intermediate-level wheel-throwing, & firing techniques.</p> | 01023200 | 1 | 10 th – 12 th grade level course B or better in Ceramics & Pottery 2, teacher approval. A materials fee of \$30 is required. |
| <p>Portfolio 1 This third-level course is to develop a portfolio containing a diverse range of the student’s artwork. Portfolio 1 should be scheduled the first term of the year the student takes Advanced Placement Art Portfolio.</p> | 01093100 | 1 | 11 th – 12 th grade level course B or better in Drawing/Painting 2, teacher approval. A materials fee of \$30 is required. |
| <p>Portfolio 2 This advanced course is to develop a portfolio containing a diverse range of the student’s artwork. Portfolio 2 should be scheduled the first term of the year the student takes a second Advanced Placement Art course.</p> | 01093200 | 1 | 11 th – 12 th grade level course Teacher approval and Portfolio 1, B or better. A materials fee of \$30 is required. |
| <p>AP Art Portfolio – Drawing This course is for the advanced student who wishes to seek Advanced Placement credit by submitting a Portfolio of artwork for evaluation by the College Board</p> | 01043000 | 1 | 11 th – 12 th grade level course Teacher approval. |
| <p>AP Art Portfolio – 2 Dimensional Design This course is for the advanced student who wishes to seek Advanced Placement credit by submitting a Portfolio of artwork for evaluation by the College Board.</p> | 01093500 | 1 | 11 th – 12 th grade level course Teacher approval. |
| <p>Creative Photography 1 This is a beginning course to develop fundamental skills & creative approaches in photographic imagery, processes, & techniques. Students are required to have access to their own 35 mm SLR camera.</p> | 01083100 | 1 | 10 th – 12 th grade level course B or better in Drawing/Painting 1, teacher approval. A material fee of \$50 is required. |

BUSINESS EDUCATION

Future Business Leaders of America (FBLA) is the organization preparing students for the business industry.

Program Sequences for Florida Vocational Gold Seal Scholars Award

Students must complete 3 Business Courses which include Computing for College & Career plus Course I and II in the following areas.....

Accounting
PC Support
Customer Assistance

Digital Design
Web Design
Entrepreneurship/Legal Aspects

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|----------|--------|---|
| <p>Introduction to Information Technology This course is designed to provide an introduction to information technology and its impact on industry and society. Operating systems and software applications including basic web design is included.</p> | 82073100 | 1 | |
| <p>PC Support I This course is designed to develop job skills for business computer and related occupations.</p> | 82072100 | 1 | Intro to Information Technology with a "C" or better Grade 10-12 |
| <p>PC Support II This course continues the study of PC Support I with office simulation activities.</p> | 82072200 | 1 | PC Support I with a "C" or better Grade 10-12 |
| <p>Web Design I This course is designed to develop skills in creating web pages with Dreamweaver, HTML, and javascript.</p> | 82071100 | 1 | Computing for College & Career with a "C" or better Grade 10-12 |
| <p>Web Design II This course continues the study of Web Design I using Dreamweaver, Flash, and Photoshop.</p> | 82071200 | 1 | Web Design I with a "C" or better Grade 10-12 |
| <p>Web Design III This course continues the studies in Web Design II.</p> | 82071300 | 1 | Web Design II with a "C" or better Grade 10-12 |
| <p>Accounting Applications I This course emphasizes an overview of financial activities for all types of businesses, while providing solid personal financial information.</p> | 82033100 | 1 | Computing for College & Career Grade 10-12 |

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|---|----------------------|--------|--|
| Accounting Applications II This course continues the study of accounting. | 82033200 | 1 | Accounting Applications I with a "C" or better Grade 10-12 |
| Accounting III This course continues the study of accounting. | 82033300 | 1 | Accounting Applications II with a "C" or better Grade 10-12 |
| Business & Entrepreneurship Principles Introduces the student to managerial principles and business ownership. | 82151200 | 1 | Computing for College & Career with a "C" or better Grade 10-12 |
| Legal Aspects of Business This course provides an introduction to criminal, civil, and contract law. | 82151300 | 1 | Computing for College & Career with a "C" or better Grade 10-12 |
| Digital Design I Digital Design II (yearbook) Provides skills necessary to publish the yearbook using Adobe Design and Photoshop. | 82095100 82095200 | 1 1 | Application Teacher Approval Grade 11-12 |

DIVERSIFIED COOPERATIVE TRAINING (DCT)

Career Education Clubs of Florida/Business Professionals of America (CECF/BPA) is a club for membership of all DCT students

Program Sequences for Florida Vocational Gold Seal Scholars Award

Students must complete 3 DCT Courses which include DCT 1, DCT 2, DCT 3

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|----------|--------|--|
| Diversified Cooperative Training 1 This course is a basic in class component of the OJT program for DCT. | 83030100 | 1 | Application Teacher Approval |
| Diversified Cooperative Training 2 Second level course for the in class component of the OJT program for DCT. | 83030200 | 1 | DCT 1 Application Teacher Approval |
| Diversified Career Technology Management (DCT 3) Third level for the in class component of the OJT program for DCT. | 83030300 | 1 | DCT 2 Application Teacher Approval |

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| <p>Diversified Cooperative Training (OJT) On the job training component of the DCT program. Instruction is comprised of supervised on the job training. There is a maximum of 7 credits for DCT-OJT.</p> | 83004100 | 1 | Concurrent enrollment in DCT class Application Teacher Approval |
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ENGLISH

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|--|
| <p>English 1 Instruction in literature and language skills. Emphasis on FCAT Skills.</p> | 10013100 | 1 | 9 th grade level course |
| <p>English 1 Honors Instruction in literature and language skills. Emphasis on FCAT skills. Moves at a faster pace than English 1.</p> | 10013200 | 1 | 9 th grade level course Reading FCAT Score 3, 4, or 5 |
| <p>English 2 Continued instruction in literature and language skills. Emphasis on FCAT and writing skills.</p> | 10013400 | 1 | 10 th grade level course |
| <p>English 2 Honors Continued instruction in literature and language skills. Emphasis on FCAT skills. Moves at a faster pace than English 2 with an in-depth approach to course content.</p> | 10013500 | 1 | 10 th grade level course Reading FCAT Score 3, 4, or 5 |
| <p>English 3 Enriched instruction in American literature and continued instruction in language arts skills.</p> | 10013700 | 1 | 11 th grade level course |
| <p>English 3 Honors Enriched instruction in American literature and continued instruction in language arts skills. Moves at a faster pace than English 3 with an in-depth approach to the course content.</p> | 10013800 | 1 | 11 th grade level course Reading FCAT Score 3, 4, or 5 |
| <p>Advanced Placement English Language and Composition Rigorous college level content and is intended to sharpen skills in effective writing, critical thinking and critical reading</p> | 10014200 | 1 | 11 th grade level course English 2 Honors Reading FCAT Score 3, 4, or 5 |

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| English 4 Enriched instruction in British literature and continued instruction in language arts skills. | 10014000 | 1 | 12 th grade level course |
| English 4 Honors Enriched instruction in British literature and continued instruction in language arts skills. Moves at a faster pace than English 4 with an in-depth approach to course content. | 10014100 | 1 | 12 th grade level course Reading FCAT Score 3, 4, or 5 |
| Advanced Placement English Literature College level studies in English language arts and the literature of Great Britain. | 10014300 | 1 | 12 th grade level course English 3 Honors Reading FCAT Score 3, 4, or 5 |

ENGLISH ELECTIVES

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| Creative Writing 1 Students enrolled should enjoy writing. The class includes writing poetry, short stories and plays. Students enrolled in this class will produce a literary magazine for the school. | 10093200 | ½ | |
| Creative Writing 2 Continuation of Creative Writing 1. | 10093300 | ½ | |

FAMILY & CONSUMER SCIENCES

Bright Futures Scholarship:

To be eligible for Gold Seal Scholarship or the Tech Prep Program, students must complete 3 classes in a job preparatory series which include:

Culinary Operation 1, 2, 3,

Early Childhood Education 1, 2, 3

Fashion-Design Services Core, Principles of Fashion Design Services, Pattern Design Techniques

Major Area of Interest:

All 4 sequential courses offered in Culinary, Early Childhood Education & Fashion meet the requirements in a selected area of interest by students as part of the education plan.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|--|----------------------|---------------|---|
| Child Development Skills Parenting Skills Courses are taken together as a year long sequence. Child Development covers prenatal development through the toddler years. Parenting Skills covers parenting techniques which encourage sound physical, social/emotional, intellectual, & more development of children. | 85003100 85003000 | ½ ½ | 9 th – 12 th grade level course Entry level to Early Childhood Education 1. Cost of material fee. Maintain a C in Child Development to progress. |
| Early Childhood Education 1 (ECE 1) Prepares students for work in the field of childcare or child related occupations. Students will take the Introductory Child Care Training Course & may opt to take the certification test offered through DCF. Students will also become certified in First Aid & Infant/Child CPR. Skills in lesson planning are taught. | *85032120 | 1 | 10 th – 12 th grade level course Minimum of C in Child Development/Parenting Skills and teacher approval. Cost of materials fee, supply list provided by teacher. Optional certification fee. |
| Early Childhood Education 2 (ECE 2) Prepares students to work in the Thunderland Preschool lab by planning & implementing developmentally appropriate lessons in all curriculum areas. Students learn organizational & record keeping skills, as well as basic use of office equipment. The 10-hour Preschool Appropriate Practices course is taught through DCF. Students may opt to take the certificate test. | *85032120 | 1 | 10 th – 12 th grade level course Minimum of C in ECE 1. . Supply list provided by teacher. Optional certification fee. |
| Early Childhood Education 3 (ECE 3) Final vocational completer course in the Early Childhood Education series required for Gold Seal. Students continue hands on lab experience with community preschoolers. Students complete a portfolio that may lead to a 3-hour college credit through PCC. The 10-hour Behavioral Observation & Screening course is taught through DCF. Students may opt to take the certification test. | *85032130 | 1 | 10 th – 12 th grade level course Minimum of C in ECE 2. Cost of materials fee & disposable camera. Optional certification fee. |

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| Early Childhood Education 4 (ECE 4) Students may continue their course of study by interning at a local elementary school with kindergarten teachers to gain additional experience in a classroom environment. | *85032140 | 1 | 11 th – 12 th grade level course Minimum Gold Seal candidate, teacher approval and a cost of materials fee. |
| Nutrition & Wellness Principles of Food Preparation An introduction to nutrition & wellness. Students will cover the relationship between the basic principle of food preparation, the selection & storage of food & various food preparation techniques. Entry level to Culinary Operations 1. | 85003550 85003990 | ½ ½ | 9 th – 12 th grade level course Maintain C in Nutrition in order to progress. Lab fee. |
| Culinary Operations 1 Introduction to culinary operations. Students learn techniques to pre-cost & provide nutritional meals utilizing safe & sanitary procedures for production & storage of foods. Students provide catering services. | *85152100 | 1 | 10 th – 12 th grade level course Minimum of C in Nutrition/Principles of Food. Teacher approval & lab fee. |
| Culinary Operations 2 Maintenance of the Stable Café Restaurant, a student managed/operated facility. Students develop skills involved in planning & preparing meals, budgeting & wage earning. | *85152200 | 1 | 10 th – 12 th grade level course Minimum of C in Culinary 1 & teacher approval, lab fee & student organization membership. |
| Culinary Operations 3 This course is a continuation of Culinary 2 & incorporates more advanced techniques & management skills. This course is the completer for the Gold Seal endorsement in Culinary Operations. | *85152300 | 1 | 11 th – 12 th grade level course Minimum of C in Culinary 2 , teacher approval, lab fee, & student organization membership. |
| Fashion Design Services Core Students will develop competencies in sewing machine & fashion production equipment operation. Students will also cover basic color & design principles as they apply to fashion production & receive beginning instruction in industrial embroidery machines. | *8506405 | 1 | 9 th – 12 th grade level course |
| Principles of Fashion Design Services Students will refine their clothing construction & employability skills as they prepare to enter the world of work in clothing related occupations. Students will be involved with the operation of the School Based Enterprise, Thunder Threads, in the production of embroidered fashion items. | *8506410 | 1 | 9 th – 12 th grade level course Minimum of C in Fashion Design Services Core & teacher approval. |
| Pattern Design Techniques Students will continue to refine fashion production skills & assets for employability. Students will be exposed to advanced technique application in fashion production. They will also continue involvement in the operation of the School Based Enterprise, Thunder Threads, in the production of | *8506420 | 1 | 10 th – 12 th grade level course Minimum of C in Principles of Fashion Design services & teacher approval. |

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|---|---------|---|---|
| Fashion Design Specialist Students will continue to develop competencies in the area of Fashion Design Service with emphasis on specialty areas. They will also continue in the operation of Thunder Threads, in the production of embroidered fashion items. | 8506430 | 1 | 10 th – 12 th grade level course Minimum of C in Pattern Design Techniques & teacher approval. |
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| HEALTH OCCUPATIONS (MEDICAL SCIENCE) |
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| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|----------|--------|---------------------------|
| MEDICAL SKILLS & SERVICES The purpose of this course is to provide students with practical generic skills in health occupations which, though applicable to some health occupations, are not designed to prepare students for entry into a specific occupation. | 84003200 | 1 | |
| HEALTH SCIENCE I An overview of the human body including organization and chemical processes. Use correct medical terminology related to body structure and function. Identify and explain factors related to transmission of disease. | 84171000 | 1 | Medical Skills & Services |
| HEALTH SCIENCE II A continued study of the human body from Health Science I. Recognize the legal and ethical responsibilities of health care workers. Understand emergency care, including First Aid & CPR, and safety and disease control procedures | 84171100 | 1 | Health Science I |
| ALLIED HEALTH ASSISTING III Demonstrate an understanding of clinical laboratory skills, physical therapy, occupational therapy, respiratory therapy, radiology procedures, and medical housekeeping practices. | 84171310 | 1 | Health Science II |

IMAGINATION INC. CAREER ACADEMY

IMAGINATION Inc. Career Academy provides students with learning experiences in both marketing and computer graphic design. In this four year program students participate directly in planning many exciting events including Miss Lake Region, large scale community service project. Students will operate a number of graphic related shops that produce vinyl signs and stickers, printed T-shirts, awards and other laser engraved products as well as posters, tickets, brochures and more and more and more. Students will be an active member of DECA and TSA. Additional opportunities include: articulation with PCC, PCC online course, On-The-Job Training, Bright Futures Scholarship, and Industry Certification

Introduction IMAG Class – 1 credit

Open to 9th and 10th grade students only. Combined curriculum of marketing and graphic design intended to introduce students for employment in a wide range of Marketing and Advertising related fields and also covers an introduction to Computer Graphics including Digital Photography, Adobe Photoshop, & Adobe Illustrator.

Application IMAG Class – 1 credit

Open to students that completed the Introduction course with a B or better. Students apply their knowledge and skills to IMAG related projects including an in depth study of marketing in a free enterprise society and provide knowledge, skills, and attitudes required for employment. This course also covers advanced computer graphics & design for print, multimedia & web projects.

Management IMAG Class – 1 credit

Open to advanced students that completed Application with a B or better. Students use management and organizational skills to operate the IMAG to manage graphic related businesses including: screen printing, vinyl cutting, laser engraving, print shop & the school website

IMAG On-The-Job-Training (OJT) – 1 credit

Open to students currently taking IMAG. Enhance further development of competencies through on the job training experience. Students receive hands on for pay experience in given career field.

Please enter course name for course # on registration form

For more information and an Academy Application visit: www.polkacademies.org



MARINE CORPS JROTC PROGRAM

Note: LE-II & above require Senior Marine Instructor (SMI) approval for registration & continuation in the program. All students are expected to maintain specific standards or personal appearance, conduct & academic achievement. These requirements also include adhering to U.S. Marine Corps grooming standards. Students make commitment to after school activities.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|--|
| Leadership Education 1 Introduction of cadets to JROTC subjects. Developmental course for future courses. The following JROTC programs are sequential in nature & follow the prescribed course description dealing with weapon safety, the mission of the U.S. Marine Corps, the organization of the Marine Corps ground & aviation units, participation in school & after school drill team practices. | 18033000 | 1 | 9 th – 12 th grade level course |
| Leadership Education 2 | 18033100 | 1 | 9 th – 12 th grade level course Leadership Education 1 |
| Leadership Education 3 | 18033200 | 1 | 10 th – 12 th grade level course Leadership Education 2 |
| Leadership Education 4 | 18033300 | 1 | 10 th – 12 th grade level course Leadership Education 3 |

MARKETING / iMAG Academy

Program Sequences for Florida Vocational Gold Seal Scholars Award

Students must complete 3 Marketing Courses which include.....

**Marketing Essentials
Marketing Applications
Marketing Management**

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|---------------------|
| Marketing Essentials | 88271100 | 1 | See IMAG |
| Marketing Applications | 88271200 | 1 | |
| Marketing Management | 88271300 | 1 | |
| Guided Workplace Learning (On the job training) | 82151200 | 1 | |

MATHEMATICS

Students must take math each year. After acquiring the Algebra 1 requirement, students must enroll in a math course every year. Please refer to the Mathematic Academic Progression Plan (M.A.P.P.) in order to determine the appropriate sequence of math courses a student needs to follow. Some students requiring more math for college could enroll in another math course in place of an elective course.

MATHEMATIC ACADEMIC PROGRESSION PLAN

Honors/AP Plan

Honors Algebra 1
 Geometry Honors
 Algebra 2 Honors
 Pre-Calculus
 AP Calculus

Average Plan

Algebra 1 **or** Algebra 1/Intensive Math Block
 Geometry **or** Informal Geometry
 Algebra 2 **or** Integrated Math 3
 Advanced Algebra with Financial Applications
 Math for College Readiness

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|----------|----------------------|--|
| Algebra 1 Provides the foundation for further high school mathematics. It is intended for average to above average students. | | 1 | 9 th – 12 th grade level course |
| Algebra 1 Honors Fast-Paced, Rigorous in-depth study emphasizing deductive reasoning & algebraic thinking skills. | 12003200 | 1 | 9 th – 12 th grade level course Completion of MJ Advanced Math 3 with an A. FCAT scores &/or placement tests will be required at teacher discretion for placement. |
| Intensive math Elective credit Students are enrolled into this course as a supplement to the regular progression course a student is currently taking. This is not a math credit. | 12004000 | 1 Elective credit | 9 th – 12 th grade level course Placement is by administration only and FCAT Math scores. |
| Informal Geometry A study of plane & solid geometry. Algebra will be used to solve problems & for practical applications. | 12063000 | 1 | 9 th – 12 th grade level course Completion of the Algebra 1 component |
| Geometry A study of plane & solid geometry. Algebra will be used to solve problems. The studies of proofs are included. | 12063100 | 1 | 9 th – 12 th grade level course Completion of the Algebra 1 component. |
| Geometry Honors The rigorous study of plane & solid geometry through deductive & inductive reasoning. The studies of proofs are included. | 12063200 | 1 | 9 th – 12 th grade level course Algebra 1 Honors with a B or higher. FCAT scores will be used & diagnostic tests or end of course test scores will be required at teacher discretion for placement. |

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| Algebra 2 Honors This is a rigorous course providing an in-depth study of the topics of Algebra 2 with emphasis on theory. | 12003400 | 1 | 10 th – 12 th grade level course Completion of Geometry Honors with a B or higher |
| Algebra 2 This course is the second year study of Algebra & includes logarithms, exponential functions & graphing. | 12003300 | 1 | 10 th – 12 th grade level course Geometry or Geometry Honors – with a C or better |
| Math for College Readiness A course that includes but is not limited to material from both Algebra 2 & Geometry. | 12007000 | 1 | 12 th grade level course The course is for students who have earned their Alg.2 credit with a C or D. (Students who have passed Pre-Calculus can not take this course.) |
| Integrated Math 3 The purpose of this course is the increase the basic algebraic/geometric skills for Juniors and Seniors who have passed Algebra 1, Informal Geometry or Geometry. | 12073300 | 1 | Algebra 1 and Informal Geometry or Geometry |
| Pre-Calculus The study of trigonometry, analytic geometry, matrix algebra, & sequence & series of the fundamental theorems of limits. | 12023400 | 1 | 11 th – 12 th grade level course Algebra 2 Honors with B or higher. |
| AP Calculus AB An equivalent of the first college level course. This is a rigorous, fast-paced course taught on the college level with college level expectations. Students will need an approved graphing calculator for this course. | 12023100 | 1 | 11 th – 12 th grade level course Teacher approval & completion of Pre-Calculus. Students will be required to take the AP Calculus AB Exam. |
| Advanced Algebra with Financial Applications The use of algebraic functions to solve real world consumer and financial problems. An emphasis on tables, charts, and graphs as organizational tools. | 12005000 | 1 | 11-12 th grade level course Completion of Algebra 1&2 and Geometry |

Miscellaneous

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|--|-----------------|---------------|--|
| Journalism I The purpose of this course is for students to develop and produce a school newspaper. Writing skills and organizational skills are important components of this course. | 10063000 | 1 | 11 th – 12 th grade level course |

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|---|----------|---|---|
| Leadership Skills Development 1 & 2 The purpose of this course is to teach leadership skills, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. | 24003000 | 1 | 9 th – 12 th grade level course |
|---|----------|---|---|

MUSIC
Some courses require auditions & possible interview with the directors.

Students who register for music courses should also note there will be after school rehearsals & activities for the year. Parts of the final grades are based upon performances.

Tri-M is an international music honor society open to all music students who are recommended by the music faculty. Students must maintain an A average for four terms in their music studies to be nominated. These students are recognized with a special gold seal on their diplomas & a special graduation cord.

BAND

The purpose of this program is to provide students with band instrument experience. Concert Band is open to all grade levels. Symphonic Band is open to all grade levels. Audition & teacher approval required.

| <u>COURSE</u> | <u>COURSE #</u> | <u>CREDIT</u> | <u>PREREQUISITE</u> |
|--------------------------------------|------------------------|----------------------|--|
| Band 1 | 13023000 | 1 | 9th – 12th grade level course |
| Band 2 | 13023100 | 1 | 9th – 12th grade level course |
| Band 3 | 13023200 | 1 | 9th – 12th grade level course |
| Band 4 | 13023300 | 1 | 9th – 12th grade level course |
| Music Appreciation | 13013100 | 1 | 9th – 12th grade level course |
| Music Theory (advanced level) | 13003000 | 1 | 10th -12th grade level course |

CHORUS

The purpose of this program is to provide students experience in basic vocal production techniques & part singing. There are three levels of chorus:

- | | |
|------------------|---|
| Beginning Chorus | Open to all students. No audition required. |
| Girls' Chorus | Open to girls, grades 10-12. No audition required. |
| Advanced Chorus | Open to all students, grades 10-12. Audition required and teacher approval. |

| <u>COURSE</u> | <u>COURSE #</u> | <u>CREDIT</u> | <u>PREREQUISITE</u> |
|--|------------------------|----------------------|--|
| Chorus 1 | 13033000 | 1 | 9th – 12th grade level course |
| Chorus 2 | 13033100 | 1 | 9th – 12th grade level course |
| Chorus 3 | 13033200 | 1 | 9th – 12th grade level course |
| Chorus 4 | 13033300 | 1 | 9th – 12th grade level course |
| Instrumental Technique (Hand bells) | 13024200 | 1 | 9th – 12th grade level course |
| Musical Theater 1 | 13004000 | 1 | 9th – 12th grade level course |

ORCHESTRA

The purpose of this program is to provide students with musical ensemble experiences on orchestra instruments.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|--------------------|-----------------|---------------|---|
| Orchestra 1 | 13023600 | 1 | 9 th – 12 th grade level course |
| Orchestra 2 | 13023700 | 1 | 9 th – 12 th grade level course |
| Orchestra 3 | 13023800 | 1 | 9 th – 12 th grade level course |
| Orchestra 4 | 13023900 | 1 | 9 th – 12 th grade level course |
| Orchestra 5 | 13024000 | 1 | 9 th – 12 th grade level course |
| Orchestra 6 | 13024100 | 1 | 9 th – 12 th grade level course |

KEYBOARD/GUITAR

The purpose of the program is to introduce students to keyboard & the guitar, & then to strengthen their performance skills on both instruments. Music Appreciation & Performance is the introductory class that includes both instruments & must be taken as the initial course prior to Keyboard 1 or Guitar1. Teacher approval is required for the Instrument Ensemble classes. Classes are open to all grade levels.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|--|-----------------|---------------|---|
| Into to Music Performance | 13013000 | 1 | 9 th – 12 th grade level course |
| Keyboard 1 | 13013600 | 1 | 9 th – 12 th grade level course |
| Keyboard 2 | 13013700 | 1 | 9 th – 12 th grade level course |
| Keyboard 3 | 13013800 | 1 | 9 th – 12 th grade level course |
| Keyboard 4 | 13013900 | 1 | 9 th – 12 th grade level course |
| Instrumental Ensemble & Performance 1 | 13024600 | 1 | 9 th – 12 th grade level course |
| Instrumental Ensemble & Performance 2 | 13024700 | 1 | 9 th – 12 th grade level course |
| Instrumental Ensemble & Performance 3 | 13024800 | 1 | 9 th – 12 th grade level course |
| Instrumental Ensemble & Performance 4 | 13024900 | 1 | 9 th – 12 th grade level course |
| Guitar 1 | 13013200 | 1 | 9 th – 12 th grade level course |
| Guitar 2 | 13013300 | 1 | 9 th – 12 th grade level course |
| Guitar 3 | 13013400 | 1 | 9 th – 12 th grade level course |
| Guitar 4 | 13013500 | 1 | 9 th – 12 th grade level course |

PHYSICAL EDUCATION

All Physical Education courses are for ½ credit & are applicable for all grade levels

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|--|----------------------|---------------|--|
| Life Management Skills Development & enhancement of critical life management skills needed to make sound decisions & take positive actions for healthy living. | 08003000 | ½ | 9 th – 12 th grade level course |
| Personal Fitness Provides the student with training in the importance of physical fitness & in assessment of biomedical & physiological principles to improve & maintain good health. | 15013000 | ½ | 9 th – 12 th grade level course |
| Team Sports 1 Provides students the opportunity to develop knowledge & skill through participation in flag football, gatorball, softball, volleyball & other team sports. | 15033500 | ½ | 9 th – 12 th grade level course |
| Team Sports 2 Continued opportunity to develop knowledge & skill through participation in various team sports. | 15033600 | ½ | 9 th – 12 th grade level course |
| Beginning Weight Training This course is the basic course for weight training. It includes the importance of muscular strength & sound nutrition. | 15013400 | ½ | 9 th – 12 th grade level course |
| Intermediate Weight Training This course continues the study of the importance of muscular strength, assessment of muscular strength, knowledge of skeletal strength & knowledge of sound nutrition. | 15013500 | ½ | 9 th – 12 th grade level course |
| Advanced Weight Training Beginning Power Weight This course is a more in depth study of muscular strength. | 15013600 15014100 | ½ ½ | 10 th – 12 th grade level course |
| Beginning Volleyball Intermediate Volleyball These courses allow students the opportunity to develop knowledge & skill through participation in the sport of volleyball. | 15055000 15055100 | ½ ½ | 9 th – 12 th grade level course |
| Beginning Aerobics Intermediate Aerobics These courses include activities such as low & high aerobics, step aerobics, dynabands, hand weights, circuit training & dancing. | 15034000 15034100 | ½ ½ | 9 th – 12 th grade level course |
| Basketball This course allows students the opportunity to develop knowledge & skill in the sport of basketball through participation in the sport. | 15033100 | ½ | 9 th – 12 th grade level course |
| Soccer This course allows students the opportunity to develop knowledge & skill through participation in the sport of soccer | 15033200 | ½ | 9 th – 12 th grade level course |

Science

All Science courses have laboratory requirements.

(Students follow the district science curriculum progression.)

HONORS Progression

9th Grade: Earth/Space Science Honors
 Biology 1 Honors
 10th Grade: Chemistry Honors
 11th Grade: Physics Honors

AVERAGE Progression

9th Grade: Earth/Space Science
 10th Grade: Biology
 11th Grade: Physical Science

Other science courses in addition to those in the progression may be taken as elective courses.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|--|
| Biology 1 This lab oriented course includes the study of basic structure of plants & animals, genetics, biochemistry, photosynthesis & the environmental problems of man. | 20003100 | 1 | 10 th grade level course |
| Biology 1 Honors An in depth study of Biology. The same course content as Biology 1 with a more rigorous academic content. Dissection required. | 20003200 | 1 | 9 th grade level course A or B in 8 th grade Adv. Science, FCAT Reading Level 3 or higher & teacher recommendation. |
| AP Biology College level biology course. Dissection is required. | 20003400 | 1 | 10 th – 12 th grade level course C in Biology 2, A or B in Biology I, C or above in Biology 1 Honors. Chemistry Pre-or Co-requisite. Teacher approval needed. |
| Anatomy & Physiology Honors A more in-depth study of the structure & function of the human body. Dissection is required | 20003600 | 1 | 10 th – 12 th grade level course A or B in Biology 1, above a C in Biology 1 Honors. |
| AP Environmental Science Provides students with the scientific principles, concepts & methodologies required to understand the interrelationships of the natural world, to identify & analyze environmental problems both natural & human-made, to evaluate the relative risks associated with these problems, & to examine alternative solutions for resolving &/or preventing them. | 20013800 | 1 | 11 th -12 th grade level course A or B in Biology 1, or Earth/Space Science; C or above in Biology 1 Honors or Earth/Space Science Honors |
| Earth/Space Science The purpose of this course is to develop & apply concepts necessary to a basic understanding of the Earth, its materials, processes, history & the environment in space. | 20013100 | 1 | 9 th grade level course |

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| Earth/Space Science Honors The purpose of this course is to develop & apply concepts necessary to a basic understanding of the Earth, its materials, processes, history, & the environment in space. | 20013200 | 1 | 9 th grade level course. A or B in 8 th grade Adv. Science, FCAT Reading Level 3 or higher, & teacher recommendation |
| Marine Science This course is the study of all aspects of ocean formation & oceanic life forms. Dissection is required. | 20025000 | 1 | 11 th – 12 th grade level course C in biology 1 required |
| Chemistry 1 Lab oriented course. Includes chemical calculations, chemical equations & lab experiences involving the use of related equipment & methods. | 20033400 | 1 | 10 th – 12 th grade level course Algebra I with a C |
| Chemistry 1 Honors Rigorous lab oriented course. Includes chemical calculations & chemical equations. | 20033500 | 1 | 10 th – 12 th grade level course Algebra 1 with an A or Algebra 1 Honors with a B or better |
| Physical Science The purpose of this course is to provide opportunities to study the concepts of matter, energy & forces, & their applications through exploratory investigations & activities | 20033100 | 1 | 11 th grade level course |
| Physics 1 A lab science course focusing upon the nature of matter & energy & their interaction. | 20033800 | 1 | 11 th – 12 th grade level course Algebra & Geometry |
| Physics 1 Honors A lab science focusing upon the nature of matter & energy & their interaction in a more intense presentation. | 20033900 | 1 | 11 th – 12 th grade level course Trig. Or Pre-Calc. & teacher approval |
| Forensic Science Students will use scientific Knowledge & methodology to solve problems which include lab technologies. They will make connections between science & the environment. | 20024800 | 1 | 11 th – 12 th grade level course. |

SOCIAL STUDIES

| COURSE | COUSE # | CREDIT | PREREQUISITE |
|--|----------------|---------------|--|
| World History Survey of historical development of humanity from earliest times through modern era. Emphasis is placed on the effects of geography on history | 21093100 | 1 | 10 th grade level course |
| World History Honors An examination of the history of mankind from the dawn of history through modern times. | 21093200 | 1 | 10 th grade level course C average or better in English I Honors or A average in English I |

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|---|----------|---|--|
| <p>AP World History Study of Europe in the context of connections to the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems.</p> | 21094200 | 1 | 10 th grade course FCAT Rdg. Level 4 or 5 or A or B in English I Honors |
| <p>American History An examination of the people and events responsible for the United States' role as a world leader</p> | 21003100 | 1 | 11 th grade level course |
| <p>American History Honors Covers the same time period as does the average level course, but topics are treated more in-depth and additional readings & research are required.</p> | 21003200 | 1 | 11 th grade level course C or better in World History Honors. B or better in World History. |
| <p>AP American History This course involved the study of general concepts used to interpret U.S. politics as well as the analysis of specific case studies.</p> | 21003300 | 1 | 10 th -11 th grade level course A or B in U.S. History Honors |
| <p>AP Human Geography This course covers the interrelationships between people & their environment, physical geography & cultural aspects of human activity. For students of advanced reading level. College credit will be awarded following successful completion of the A.P. exam given in May.</p> | 21034000 | 1 | 9 th grade Most recent FCAT Reading Level 4 or 5 |
| <p>AP European History This is a college level course. The course covers the period from 1450 to the present & addresses political, social, and economic aspects of history in Europe. College credit will be awarded following successful completion of the A.P. exam given in May.</p> | 21093800 | 1 | 11 th -12 th grade level course. Teacher approval required to be enrolled; Students need a minimum B average. |
| <p>AP Psychology The various areas of psychology are presented in a college level format. Topics include normal and abnormal behavior, mental processes, the brain and body, learning, memory, sleep, dreams, motivation and emotions.</p> | 21073500 | 1 | 10 th -12 th grade level course B average & teacher approval. |

SOCIAL STUDIES ½ CREDIT COURSES

| | | | |
|--|------------------------------|----------------|---|
| <p>American Government/American Economic Experience These courses are ½ credits each and are connected to form a one term course. American Government includes the foundation of American Government & the provisions of the Constitution. Economics includes the foundation of the American Economic system & the impact of the global economy.</p> | <p>21063100 21023800</p> | <p>½ ½</p> | <p>12th grade level course</p> |
| <p>American Government Honors/Economics Honors These courses are ½ credits each and are connected to form a one term course. These courses follow the same description as above with a more intense level of study.</p> | <p>21063200 21023200</p> | <p>½ ½</p> | <p>12th grade level course Teacher recommendation</p> |
| <p>AP Macroeconomics/AP American Government These courses must be taken in connection with Economics-Honors & the American Government-Honors. These courses are presented in a college level format which requires critical reading, comprehension & writing ability.</p> | <p>21023700 21064200</p> | <p>½ ½</p> | <p>12th grade level course Teacher approval. A or B in Honors Social Studies</p> |
| <p>Psychology 1/Psychology 2 Students will study human behavior and mental processes. Topics include sleep and dreams, abnormal behavior, coping with stress, the brain, learning, and memory. These courses are designed to be taken in sequence.</p> | <p>21073000 21073100</p> | <p>½ ½</p> | <p>10th – 12th grade level course</p> |
| <p>Sociology A study to develop an understanding of group interactions and the impact on individuals through an awareness of the beliefs, values, and behavior patterns of different ethnic and social groups.</p> | <p>21083000</p> | <p>½</p> | <p>11th-12th grade level course</p> |

TECHNOLOGY EDUCATION
(These courses receive Practical Art Credit)

Three Gold Seal & Vocational Completer Programs are offered in Technology Education:
 Communications Technology or Drafting
 Design or TV Production

A student must complete a series of three courses in one of the programs for completion of the program. Check with your Guidance Counselor or Vocational teacher to learn more about PCC college credit for program completion with a 3.0 GPA in the program toward an A.S. degree upon entry to PCC.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|--|
| Introduction to Graphics | 86010100 | 1 | See IMAG for Class Description |
| Intermediate Graphics | 86010200 | 1 | |
| Advanced Graphics | 86010300 | 1 | |
| Graphics 4 | 87390400 | 1 | |
| Drafting 1 This course provides the student an introduction to the skills & knowledge of drafting technology. | 86008100 | 1 | 9 th – 12 th grade level course |
| Drafting 2 An expansion of the skills & knowledge of drafting technology. | 86008200 | 1 | 9 th – 12 th grade level course Drafting 1 with a C |
| Drafting 3 An intense study of the skills & knowledge of drafting technology. | 86008300 | 1 | 9 th – 12 th grade level course Drafting 2 with a C |

TV PRODUCTIONS

Admission to the TV Productions courses requires teacher approval. Students should be able to demonstrate technological abilities & a willingness to acquire more knowledge in the field of TV productions.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|-------------------------|-----------------|---------------|---|
| TV Productions 1 | 87721100 | 1 | 9 th – 12 th grade level course |
| TV Productions 2 | 87721200 | 1 | 9 th – 12 th grade level course |
| TV Productions 3 | 87721300 | 1 | 9 th – 12 th grade level course |
| TV Productions 4 | 87721400 | 1 | 9 th – 12 th grade level course |
| TV Productions 5 | 87721500 | 1 | 9 th – 12 th grade level course |

WORLD LANGUAGES
(These courses count for elective credit)

There are two National Honor Societies available to students who are interested and meet the qualifications:

National French Honor Society, La Socie'te' Honoraire de Francais
Students may join the LRHS chapter
Students with an A average in French may join the national organization

Spanish National Honor Society, Sociedad Honoraria Hisp'anica
Members must maintain a 3.0 GPA to be able to join

Additional Club:

German Club – purpose is to promote the understanding and appreciation of the culture, history, and language of German-speaking people.

| COURSE | COURSE # | CREDIT | PREREQUISITE |
|---|-----------------|---------------|--|
| French 1 Introduces the student to French language & culture through the development of listening, speaking, reading, & writing skills. Students will be able to engage in conversations about many daily life topics | 07013200 | 1 | 9 th – 12 th grade course |
| French 2 This course builds upon the skills learned in French I by increasing listening, reading, writing, speaking ability & cultural awareness. Students will have a greater opportunity for self-expression. | 07013300 | 1 | 9 th – 12 th grade course |
| French 3 This course expands all the skills acquired in French 1 & 2, & provides a higher degree of cultural & linguistic proficiency. It includes the reading of one condensed French novel. | 07013400 | 1 | 9 th – 12 th grade course |
| French 4 Conversational proficiency will increase as students use more advanced structures. Students will improve writing & speaking skills & read several pieces of French literature. | 07013500 | 1 | 10 th – 12 th grade course |
| French 5 Students will use higher-level grammatical structures while improving listening & writing skills & speaking proficiency. Several pieces of literature, such as novels & plays, will be read. | 07013600 | 1 | 11 th – 12 th grade course |
| Spanish 1 Introduces students to the Spanish language & its culture. The course develops communication skills & cross-cultural understanding. | 07083400 | 1 | 9 th – 12 th grade course |
| Spanish 1 Honors Follows the progression of Spanish 1. The pace is faster than that of Spanish 1 & is more in-depth. *Intended for students accustomed to the workload of honors courses | 0708340H | 1 | 9 th – 12 th grade course |

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|--|----------|---|--|
| Spanish 2 Builds upon the skills acquired in Spanish 1. It develops increased listening, speaking, reading & writing skills as well as cultural awareness. | 07083500 | 1 | 9 th – 12 th grade course |
| Spanish 2 Honors A continuation of Spanish 1 Honors. It develops increased skill in listening, speaking, reading & writing skills at a fast pace. | 0708350H | 1 | 9 th – 12 th grade course |
| Spanish 2-Native speakers Students who are native speakers or students who can speak & understand Spanish well may enroll for this course. No credit in Spanish I is required. Students do not need to know how to write in Spanish to enroll. This course offers students the opportunity to study Spanish formally in an academic setting in the same way native English-speaking students study English language arts. It also allows students to reactivate the Spanish they have learned previously and develop it further. | 07083502 | 1 | 10 th – 12 th grade course |
| Spanish 3 Students master & expand the skills acquired in Spanish 2. Selected readings, conversational skills, grammatical skills & vocabulary skills are addressed. | 07083600 | 1 | 10 th – 12 th grade course |
| Spanish 3-Native Speakers Students master & expand the skills acquired in Spanish 2-Native Speakers. Selected readings, conversational skills, grammatical skills & vocabulary are stressed. | 07093200 | 1 | 10 th – 12 th grade course |
| Spanish 4 More advanced language structure & writing & conversational skills are stressed along with reading some literature. | 07083700 | 1 | 10 th – 12 th grade course |
| Advanced Placement Spanish Language Students will develop a proficiency in listening, speaking, reading & writing. It is the equivalent of a third-year college course. | 07084000 | 1 | 11 th – 12 th grade course |
| Chinese I Introduces students to the Chinese language & its culture. The course develops communication skills & cross-cultural understanding. | 07113000 | 1 | 9 th -10 th grade course |
| Chinese II Builds upon the skills acquired in Chinese 1. It develops increased listening, speaking, reading & writing skills as well as cultural awareness. | 07113100 | 1 | 10 th -12 th grade course |