Planning for Success

Effective Communicators  Responsible Individuals  Competent Learners  Complex Thinkers

2017-2018 Educational Planning Guide

WHERE LEARNING IS THE EXPECTATION AND CARING IS THE COMMITMENT.
CITRUS COUNTY SCHOOL BOARD
NON-DISCRIMINATION INFORMATION

1. No person shall, on the basis of race, color, religion, pregnancy, national or ethnic origin, gender/sex, age, disability, marital status, political beliefs, sexual orientation, or genetic information, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity, or in any employment conditions or practices conducted by the Citrus County School Board (CCSB), except as provided by law.

2. CCSB shall comply with all state and federal laws, which prohibit discrimination and are designed to protect the civil rights of applicants, employees, and/or students, or other persons protected by applicable law.

3. CCSB prohibits discrimination in the terms and conditions of employment, and in access to educational programs and activities, and prohibits harassment of any individual or group on the basis of race, color, religion, pregnancy, national or ethnic origin, gender/sex, age, disability, marital status, political beliefs, sexual orientation, or genetic information.

4. Lack of English language skills will not be a barrier to admission and participation. CCSB may assess each student’s ability to benefit from specific programs through placement tests and counseling, and if necessary, will provide services or referrals to better prepare students for successful participation.

5. CCSB will comply with all Federal requirements regarding discrimination and harassment including, but not limited to, 34C.F.R. Part 108

District Equity Contact:
Kit Humbaugh
Coordinator of Student Services Equity and Compliance Officer
2575 S. Panther Pride Drive, Lecanto, FL 34461
Email: humbaughk@citrus.k12.fl.us
Telephone: (352) 527-0090  •  Fax: (352) 249-2145
Each high school is on a type of scheduling known as the 4 X 4 Block. The traditional 36 week school year is divided into 2 terms (18 weeks) or 4 quarters (9 weeks). The school day consists of 4 block periods of 84 minutes each. Students complete a one-credit course in a term and a one-half credit course in a quarter. The goal is to maintain an academic balance of 2 academic and 2 electives or other required courses each term. During the school year students have the opportunity to earn 8 credits. The information contained in this guide is current as of December 2016. Policies and changes made by the Citrus County School Board and the Florida State Legislature will take precedence over any information contained herein. NOTE: School administration reserves the right to cancel any course when enrollment, funding or availability of certified teachers is considered insufficient.

Dear Parents and Students:

Please take the opportunity to review the 2017-2018 Educational Planning Guide. This guide is a very important resource for parents and students. The guide can be used in selecting courses of study that will give students the greatest opportunities for future success in post-secondary educational programs and career choices. This guide provides the blueprints and tools for parents to assist their sons and daughters in designing an educational plan that will give clear direction and a solid foundation for all future educational and career choices.

The world of work is rapidly changing, as existing jobs require additional training and new jobs demand advanced skills and knowledge levels. Students must acquire advanced academic competencies and technical skills to be successful. Students also need to be effective problem solvers, productive workers, good communicators and cooperating team members. These skills and traits will allow students to experience success in a highly competitive global economy and contribute to our society as productive, responsible citizens.

Our school district provides high quality, progressive and comprehensive educational programs for Citrus County students. We value each individual student and believe they can achieve at the highest level of expectations for their interests and abilities. The keys to student success in our district are the outstanding teachers, school administrators and support staff serving the students in the Citrus County Schools. We are also fortunate to have well informed and involved parents, tremendous community support and outstanding resources.

It is the goal of the Citrus County School District to create an educational environment where all students are successful, individual differences are valued, lifelong learning is initiated and students are prepared for future educational and career opportunities. For students entering ninth grade in the 2017-2018 school year, there are several changes that impact the student as they complete their high school diploma. The Educational Planning Guide is an extremely valuable resource for parents and students to plan for meeting this goal.

Please take the opportunity to use the Educational Planning Guide to your full advantage in planning for and achieving the common goals valued by students, parents and the school district. We are very pleased that we can provide this outstanding resource for parents and students.

Sincerely,

Sandra “Sam” Himmel
Superintendent
Graduation Information

High School Graduation Programs Overview
If you are the parent of a Florida middle or high school student, this section is for you. It is designed to explain Florida’s high school graduation programs, including two programs that let students graduate from high school in three years. This section also provides information to help students and their families as they plan and prepare for postsecondary goals.

(For more information about a special diploma and other graduation options for students with disabilities, contact your child’s guidance counselor or exceptional student education teacher, or visit www.fldoe.org/ese. Florida students entering their first year of high school in the 2015-2016 school year may choose from the following graduation programs:

- The traditional 24-credit program
- An International Baccalaureate (IB) Diploma Program
- ACCEL 18 credit graduation program

All of these graduation paths include opportunities to take rigorous academic courses designed to prepare students for their future academic and career choices. All students, regardless of graduation program, must still earn a specific grade point average on a 4.0 scale and achieve passing scores on the appropriate statewide assessment in order to graduate with a standard diploma (refer to graduation options charts).

Traditional 24-Credit Program
This program requires students to take at least 24 credits in subject areas such as English, mathematics, science, social studies, fine arts, and a physical education course to include the integration of health. Foreign language credit is not required for this program, although it is recommended for state college preparation and is required for admission to Florida’s state universities.

International Baccalaureate (IB) Diploma Program
The International Baccalaureate (IB) Diploma Program is a rigorous pre-university course of study, leading to internationally standardized examinations. The program is designed as a comprehensive two-year curriculum that allows its graduates to fulfill requirements of many different nations’ education systems. Students completing IB courses and exams are eligible for postsecondary education credit. The award of credit is based on scores achieved on IB exams. Students can earn up to 30 postsecondary semester credits by participating in this program at the high school level. Lecanto High School is an IB World School and is authorized to offer the IB Diploma Program.

College-Level Examination Program (CLEP)
Students with strong content background in a subject area can earn credit through an examination program administered by the college they attend. One such program is the College-Level Examination Program (CLEP). Candidates for the CLEP are postsecondary students who have completed an AP course but did not take or earn a qualifying score on the AP exam. Other students who have taken several high school courses in one particular subject area may wish to take a CLEP exam when they begin selecting college courses.

For more information on CLEP testing sites and dates, contact the admissions or registrar’s office at the postsecondary institution in your area or visit: http://www.collegeboard.com/student/testing/clep/about.html.

Making the Right Choice
The right graduation program for a particular student is the one that best fits the abilities, interests, and goals of that individual student. Families should consider the educational benefits of each program and choose the one that will best prepare the student for his or her postsecondary education or career plan. Here are some things that students and families should consider.

- What is the student’s postsecondary education and/or career goal?
- Is the student prepared to make a choice about postsecondary education and possible career paths?
- Is the student mature enough to leave high school early?
- If the student is planning to attend a postsecondary institution away from home, does he or she have the mature decision-making skills needed to make the informed, safe choices required for independent living?
- Are three electives enough, or is the student interested in taking additional courses to explore their interests?
- Does the student want to participate in sports or other extracurricular activities for four years, or are three years enough?
- Can the student meet admissions requirements for postsecondary education institutions of his or her choice by choosing an early graduation program?
- Has the family considered expenses and possible financial aid needs that may result from the student starting postsecondary education a year early?
- Is the student going to compete for scholarships that require certain academic core courses, community service experiences, demonstrated leadership skills, or participation in extracurricular activities?
- Has the family considered that the student has the option of taking an additional year of academic or technical courses through dual enrollment or to earn additional AP course credit/college credit by choosing the 24-credit program?
- Is the student planning to play college level sports and needing to meet NCAA course eligibility requirements?
- If the student is enrolled in a prepaid college tuition plan, can the family pay off the balance of the plan a year early?

Families are encouraged to contact the school guidance counselor or career specialist at their child’s school to get more information about graduation programs, financial aid opportunities, accelerated programs, and college or career plans to help them make this important decision. Students and parents are also encouraged to continue to discuss these plans with the school counselor on a regular basis during the middle school and high school years. It is necessary we promote a safe and healthy lifestyle through parent, teacher, and community involvement to the benefit of our students. Students need to be interested and involved in their academic progress and in planning for their futures in order to ensure that they will be prepared to achieve their postsecondary goals. For more information about graduation programs, contact your child’s guidance counselor.

Virtual Instructional Program
Full-Time Public Program
2017-2018

This online learning full-time program provides students the opportunity to earn a high school diploma. The student must fulfill public school graduation requirements, including all state testing.

Parents need to be aware that by choosing this avenue of education, you will be withdrawing your child from Citrus County Schools.

Virtual School District Providers:
- Seminole County Virtual School
- Florida Virtual School Full Time Public

Application Process:
- Notify zoned school/counselor of interest in virtual instruction
- Apply online to selected virtual program (eligibility determined by provider)
- Provider notifies applicant of eligibility status
- Seminole County Virtual School or FLVSFT Public will contact zoned school to transfer records
- Once student is approved by the virtual provider, they can be withdrawn from their zoned school

CONTACT INFORMATION:
Seminole County Virtual School (59/7001)
Robert “Mac” McIntosh, M. Ed.
School Administration Manager
Phone: (407) 748-6755
Email: Robert_Mcintosh@scps.k12.fl.us
Website: virtualschool.scps.k12.fl.us

FLVSFT District (71/0300 or 0400)
Phone: (877) 500-FLVS (3587)
Website: www.flvsft.com

Citrus County School’s District Office
Debra Stanley (352) 726-1931, ext. 2248

Do you want to Play College Athletics?
Students must be designated eligible by the NCAA Clearinghouse in order to play at the College Level. In the junior year, students need to register with the clearinghouse to have transcripts evaluated. It is important that students have the appropriate credits, GPA, and college testing requirements in order to be declared eligible. Then during the senior year, remaining coursework needs to be completed and a final transcript sent to the clearinghouse. Note that some online coursework is NOT acceptable to NCAA. Further information and registration information is available at www.eligibilitycenter.org
Early Admission to College

Early admission allows students with three years of high school to enter college while in high school. It is a form of dual enrollment in which eligible secondary students enroll in a postsecondary institution on a full-time basis in courses that are creditable toward the high school diploma and the associate or baccalaureate degree. Early admission is intended for students who have exhausted the academic possibilities of the high school. Further information and procedures to follow are available in the Guidance office.

Early Graduation Provision

To qualify for the Early Graduation the Student must contact their guidance counselor and meet the requirements: a) Complete 24 credits required for graduation of student’s cohort; b) Pass all required graduation test requirements (Statewide Assessment reading/math or any required EOC exams), c) A minimum overall grade point average (GPA) of 2.0.

In order to plan all aspects of graduation for the student, this intent form should be completed at least one term prior to the anticipated graduation date. Students who successfully complete the graduation requirements may participate in the end of the year commencement exercises including honors and awards for the class with which the student graduates. Note: Eligible students who plan to enroll in college at mid-year must apply for Bright Futures by August 31st.

Note to any student graduating prior to their senior year: Grade Classification will be based on criteria in the Student Progression Plan for students (typically a student’s grade classification will not change). Students may choose to graduate with the current graduating class or wait to graduate with their cohort. For students waiting to graduate with their cohort, transcripts will NOT be available until the actual graduation date.

Opportunities for Advanced Learning

Advanced Placement

Advanced Placement courses are rigorous courses of studies leading to nationally standardized exams for motivated secondary students. Students may be issued college credit based on the national exam score. Citrus County students taking AP courses are required to take the national AP exams, however, the national AP exam score will have no effect on the high school course grade earned. Students taking an AP exam without taking a comparable high school course will not be awarded high school credit. The AP exam grade is used by post-secondary institutions to determine amount of post-secondary credit granted.

- AP courses are rigorous courses of study leading to nationally standardized exams.
- May lead to college credit (credit awarded by the college or university attended) based on earning a score of 3 or higher on the national exam.
- Is preferred for students who want to go directly to a state university in Florida or who plan to go to a university outside of Florida.
- Courses are usually weighted one full point by the state universities in recalculating GPA for admission.
- Prerequisites: strong work ethic and passing the Statewide Assessment in the related subject area.

Dual Enrollment

Qualified students may be eligible for dual enrollment by meeting district and state standards. Students may earn college credit as well as high school credit when enrolled in dual enrollment courses. Students must demonstrate readiness for college-level coursework, have at least 3.0 unweighted GPA, and have qualifying test scores as defined in the district dual enrollment agreements if they are to be enrolled in college courses. Students must demonstrate readiness for career-technical level coursework, have at least a 2.0 unweighted GPA, and have qualifying test scores as defined in district dual enrollment agreements if they are to be enrolled in career technical programs. In order for the program to qualify as a Career and Technical Program for dual enrollment status, the program must lead to an industry certification. Students must also meet any additional requirements that may be included in district guidelines developed to ensure student readiness for postsecondary instruction. Dual enrollment courses will be graded using college standards. Students must meet college catalog pre-requisites for any course in which they are dually enrolled. Students should exhaust all possible offerings at home school before pursuing options at other sites.

All dual enrollment courses taken by a student, whether during regular school day or not, must be pre-approved by high school guidance and must be a part of the student’s planned academic program. Students dually enrolled in the state university or state college system are exempted from tuition and fees. Citrus County Schools must have a dual enrollment agreement with any state college or university in order for the student to enroll as a dual enrollment student.

Students are held to the course drop dates established through the dual enrollment facility. Grades will be posted to the student’s academic history upon receipt of college or university transcript. Courses must be completed and added to academic history prior to use for promotion, graduation, or award designations according to timelines established for each.

NOTE: Grades from Dual Enrollment courses are transferred into the high school based upon the letter grade issued. No +/- grades are added to the high school transcript nor is there an effect on the high school GPA for any +/- grade that may have been earned at the college. If a student withdraws from a dual enrollment class and receives a grade of “W”, it will also be posted to the student’s high school transcript.

Students must have passed 10th grade reading state wide assessment and EOC for Algebra 1 and Geometry for consideration for dual enrollment courses. Students needing statewide assessment or EOC remediation will not be eligible for dual enrollment. Students are no longer eligible for dual enrollment once they successfully complete 4 full years of enrollment in high school or graduation, whichever comes first. Additionally, a student who receives a grade of “D” or “F” in a dual enrollment class, will no longer be eligible for dual enrollment.

Any exceptions to the requirements must be approved by both the high school and college’s Dual Enrollment Petitions Committee. Students and their parents should contact the Dual Enrollment Coordinator to request a meeting with the DE Petitions Committee. Students and their guidance counselor are notified of the committee’s decision by phone within one week following the meeting.

Only seniors (based upon Citrus County Student Progression grade classification) will be allowed to enroll full-time (12 to a maximum of 16 credit hours in any given semester) through dual enrollment.

Dual enrollment may be limited by the capacity of the college. Additionally, students who are disruptive to the learning process may lose the opportunity to participate in dual enrollment even though the student may be qualified to continue.

Part time dual enrollment at College of Central Florida

1. Appropriate for students who want to take one or two college courses; e.g. College Algebra.
2. Students take high school classes in the morning prior to College of Central Florida or in the afternoon after College of Central Florida Classes.
3. Students must follow College of Central Florida’s schedule. The College of Central Florida holidays calendar does not always match days off.
4. College of Central Florida instructors are not lenient about absences, nor do they honor athletic commitments.
5. Students must provide their own transportation.

Full time dual enrollment at College of Central Florida

1. Appropriate for students who know their college major and want to go full time to college their senior year.
2. Students take all of their classes at College of Central Florida – Citrus County Campus.
3. Students must make an effort to keep informed about senior events and deadlines; e.g., cap and gown orders.
4. Students must provide their own transportation.

For additional information contact your Guidance Counselor.

International Baccalaureate Program

IB is a course of rigorous instruction for Juniors and Seniors. To prepare for this course of study, interested students need to take an articulated sequence of honors classes during the Freshman and Sophomore years. This program known as PIBS (Preparing to Identify Baccalaureate Students) lays the foundation for success when students enroll in the IB diploma program their junior year.

For entrance into the PIBS program, eighth grade students will need to submit an application by the deadline, have qualifying test scores, and requisite grades during their 8th grade year. Applications can be obtained by contacting LeCanto High School.

Students accepted into the PIBS program will follow the sequence of courses listed below:

9th Grade PIBS
- IB English I
- AP World History
- Geometry Honors
- Pre-IB Spanish I
- Pre-IB Biology I
- Pre-IB Inquiry Skills
- Health and Personal Fitness
- 1 Elective

10th Grade PIBS
- IB English II
- AP European History
- Algebra II Honors
- Pre-IB Spanish II
- Pre-IB Chemistry
- Pre-IB Art I
- 2 Electives

Weighted Grades

Along with the unweighted grade point average calculated for each student, a weighted average will also be calculated. For each course designated for weighting – AP, Dual Enrollment, IB, Pre-IB, AICE, Pre-AICE in which students earn at least a “C”, an additional quality point will be added during the grade point average calculation. Additionally, Level 3 courses and honors level courses in the core academic areas [English, Math, Science, Social Studies and World Language] will also be eligible for weighting. The third course of CTE program that leads to an industry certification is also weighted.

Weighted grades are for Citrus County use only and are based on all course attempts not grade forgiven. The State of Florida encourages each county to develop its own system of weighted grades. Bright Futures, colleges and universities, and other districts determine their own system of weighting grades. The number of courses, the specific courses, and the way they are weighted may differ. The weighted GPA calculated in one system is not comparable to another system’s weighted GPA.

Guidance counselors will help students locate their Bright Futures GPA that is based on a portion of courses taken by students in high school.

PLEASE NOTE: The Weighting Policy for the Florida Bright Futures Scholarship program and the State University System is different than those established by individual school districts. Weighted grade point average is not used to meet the graduation requirement. For a list of weighted courses for each purpose, please see your guidance counselor.

College Readiness Tests

Students can help themselves determine their readiness for post-secondary education by taking one or more of the assessments available, such as, SAT, ACT or PERT. There is a fee charged by each of these testing services. All tenth grade students are encouraged to take the PSAT, in fact the State of Florida will pay the fee for this test. This is a great opportunity to help students see their potential. Information is available for all testing programs in the high school guidance office.
Grade Placement

Grade placement for students seeking a Standard High School Diploma or an Access Diploma will be based on the following criteria:

1. To be ranked as a Sophomore, a student must have completed one year of high school and earned a minimum of six (6) credits overall.
2. To be ranked as a Junior, a student must have completed two years of high school and earned a minimum of twelve (12) credits overall.
3. To be ranked as a Senior, a student must have completed three years of high school and earned a minimum of seventeen (17) credits overall.

Students not reaching graduation status in four years (including those with a certificate of completion) will be provided the opportunity for a fifth year to meet the district’s graduation requirements.

A completion program approved by the school administrator will be developed to assist students to meet graduation requirements at the high school or at another appropriate site (e.g. adult education).

Remediation will also be provided to assist students in mastery of statewide assessment test.

Lecanto School Of Art

Lecanto School of Art is a unique program designed for students with a special interest in the area of the visual arts. This program brings students who meet certain admission criteria into a specialized study of art. Eighth grade students are selected each year from the middle school to enter as a freshman in the four-year course of study. The selection process includes an application, a review of the student’s most recent work, and a personal interview with an LSA art instructor.

Revised 4 Year Course of Study:

Grade 9
- LSA 2D Studio Art 1
- LSA 3D Studio Art 1

Grade 10
- LSA 2D Studio Art 1
- LSA Communications Tech 1

Grade 11
- AP Art History 1.0
- LSA 3D Studio Art 3
- OR
- IB Art 1 1.0

Grade 12
- Portfolio Development Advanced Placement Studio Art 1.0
- (Drawing: 2D Design; or 3D Portfolio
- OR
- IB Art 2 1.0

LSA students are encouraged to take several of the following electives:

Art:
- Pottery 1 and up

Interested students should pick up an application packet in the guidance office.

Grade Forgiveness

For academic courses, the “D” or “F” will only be replaced with the grade of a “C” or better earned subsequently in the same or comparable course. A maximum of two credits may be earned in meeting the Algebra 1 requirement. In elective courses the “D” or “F” will only be replaced with the grade of “C” or better earned subsequently in another (or same) course. All course grades not grade forgiven and attempts at grade forgiveness not replaced with a “C” or better shall be included in the calculation of cumulative grade point average used to determine graduation eligibility. All grades whether replaced or not will appear on student transcripts.

Florida Department Of Education Resources

Florida Shines.org
This multipurpose website allows students to explore colleges, find virtual options and use a career planning tool (my career shines) all at this site.

Florida Counseling For Future Education Handbook
Florida Counseling for Future Education Handbook is a comprehensive guide designed for Florida’s middle and high school guidance counselors. It is intended to help counsel students who will enroll in Florida’s postsecondary institutions. The Handbook is updated annually with the most current version available on flvc.org. Please select “Advising Manuals” from the home page main menu.

Office Of Student Financial Assistance (OSFA)
Office of Student Financial Assistance (OSFA) administers state-funded grants and scholarship programs and federal student loan financial aid programs to assist students with the costs of postsecondary education. For information, go to www.floridastudentfinancialaid.org or call toll-free (888) 827-2004.

Florida Shines.org

Federal Student Aid
Federal student aid Web site provides information for families about federal financial assistance for postsecondary education, including application forms and a calculator to help figure college costs and financial need. Visit www.studentaid.ed.gov.

Talented 20 Program
Graduates from Florida public high schools who rank in the top 20% of their class and who have completed the required 18 units of core courses shall be admitted into one of the eleven state universities, although not necessarily the university of the applicant’s choice. Local high schools will determine their “prospective" talented 20 students at the end of the first term of the senior year. Top students are encouraged to apply for admission at the university of their choice early in the senior year. This program does not guarantee students’ admission into limited access programs. For more information on how to qualify, visit www.fldoe.org/talented20 or call the Student Support Services Project office at (850) 922-3727.

*NOTE: Subject to change yearly by Florida Legislature.
# STANDARD DIPLOMA REQUIREMENTS AND DESIGNATIONS

For Cohorts Entering High School in 2011 and beyond

This information is subject to change based upon State School Board Action and Legislative Action

For all Cohorts enrolled in Citrus County Schools, all EOC courses taken in 2014-15 and beyond – the EOC results will count as 30% of the final course grade.

<table>
<thead>
<tr>
<th></th>
<th>STANDARD DIPLOMA REQUIREMENTS</th>
<th>SCHOLAR DESIGNATION</th>
<th>MERIT DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(In addition to Standard Diploma Requirements)</td>
<td>(In addition to Standard Diploma Requirements)</td>
</tr>
</tbody>
</table>
| **English** | 4 credits in ELA I, II, III, IV (May include accelerated courses such as AP, IB or Dual enrollment)  
Must Pass 10th Grade Reading/ELA Statewide Standardized Assessment | MP 11th Grade ELA assessment  
(See Note 4 below) | Same as standard |
| **Math** | 4 credits  
Algebra 1, EOC MP; 30% EOC  
Geometry, 30% EOC  
2 Other Math Credits  
Note: 2 credits (other than Alg 1 & Geom) may be substituted with allowable industry certifications that lead to college credit 1 | Algebra 2-30% EOC all & MP (See Note 4 below)  
Geometry EOC –MP (See Note 4 Below)  
Statistics or Equally Rigorous math course (Defined as Level 3 Math course above Algebra 2 or College Credit-Bearing Math course) | Same as standard |
| **Science** | 3 Credits  
Biology 1, 30% EOC  
2 credits Equally Rigorous Courses  
Note: 1 credit (other than Bio 1) may be substituted with allowable industry certification that lead to college credit 1 | Biology 1-MP EOC 3  
Chemistry OR Physics  
1 credit Equally Rigorous Science | Same as standard |
| **Social Studies** | 3 credits  
US History, 30% EOC  
World History  
½ US Government  
½ Economics w/ Financial Literacy (see World Geography Below) | US History MP EOC 3 | Same as standard |
| **Fine/Performing Arts** | 1 credit | Same as Standard | Same as standard |
| **PE/Health** | Personal Fitness- ½ credit  
Health- ½ credit  
Physical Activity- ½ credit | Same as Standard | Same as standard |
| **Online** | 1 course | Same as Standard | Same as standard |
| **World Language** | None | 2 credits Must be same World Language | Same as Standard |
| **Electives/Other** | 7.5 credits of electives  
To include World Geography (Citrus County Required) | Same as Standard PLUS Must earn 1 AP, IB, or Dual Enrollment course credit | Same as Standard PLUS students pursuing a merit designation must use electives to attain one or more industry certifications |
| **TOTAL** | 24 credits | 24 credits | 24 credits |

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1 Industry Certifications that are substituted to meet Core Course Requirements may not count for State University Admission, Bright Futures or other admission/scholarships requirements. Please check with the school or agency before making decisions regarding this option.

2 All students may earn either or both designations if they meet all requirements listed in the table for each designation.

3 A student enrolled in an AP or IB courses in Biology or United States History and earns the minimum score necessary to earn college credit as identified pursuant to s. 1007.27(2) is not required to take the statewide standardized EOC assessment in those subjects in order to earn the Scholar Diploma Designation.

4 Beginning with the 9th grade class entering high school in 2014-15, the English Grade 11 Assessment, Algebra 2 EOC, Geometry EOC become Must Pass for the Scholars Designation.
FLORIDA BRIGHT FUTURES SCHOLARSHIP AND POST-SECONDARY ADMISSION REQUIREMENTS

This is the Initial Eligibility criteria for high school students graduating in 2016. Major legislation is being proposed for Bright Futures. Please contact your Guidance Counselor for further questions or updates.

<table>
<thead>
<tr>
<th>FLORIDA BRIGHT FUTURES</th>
<th>ADMISSION REQUIREMENTS</th>
</tr>
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<tbody>
<tr>
<td><strong>English</strong></td>
<td>SUS (State University System) Admissions Requirements <a href="http://www.fldoe.org/fcs">link</a></td>
</tr>
<tr>
<td>4 credits (3 with substantial writing)</td>
<td>Admission into Florida's public universities is competitive. Prospective students should complete a rigorous curriculum in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements:</td>
</tr>
<tr>
<td>4 credits (3 with substantial writing)</td>
<td>▪ High school graduation with a standard diploma</td>
</tr>
<tr>
<td>4 credits</td>
<td>▪ Admission test scores – Minimum ACT 19 in Reading and Math;</td>
</tr>
<tr>
<td>4 credits</td>
<td>SAT 460 in Critical Reading and Math – based on sliding scale with GPA</td>
</tr>
<tr>
<td>4 credits</td>
<td>▪ 16 credits of college preparatory academic courses to include:</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 4 English (3 with substantial writing)</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 4 Mathematics (Algebra 1 level and above) [Algebra 2, Geometry, Algebra 2 and above are expected]</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 3 Natural Science (2 with substantial lab)</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 3 Social Science</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 2 World Language (sequential, in the same language)</td>
</tr>
<tr>
<td>4 credits</td>
<td>o 2 approved electives</td>
</tr>
<tr>
<td>4 credits</td>
<td>Most SUS institution require above the minimum&gt;</td>
</tr>
</tbody>
</table>

| **Math**               | The Florida College System [link](http://www.fldoe.org/fcs) |
| 4 Mathematics (Alg 1 level and above) | Includes 28 state colleges. These institutions offer career-related certificates and two-year associate degrees that prepare students to transfer to a bachelor's degree program or to enter jobs requiring specific skills. Many also offer baccalaureate degrees in high-demand fields. Florida College System institutions have an open door policy. This means that students who have earned a standard high school diploma, have earned a high school equivalency diploma or have demonstrated success in postsecondary coursework will be admitted to an associate degree program |
| 4 Mathematics (Alg 1 level and above) | Career and Technical Centers [link](http://www.fldoe.org/workforce/pdf/DistrictTechnicalCenterDirectors.pdf) |
| 4 Mathematics including Alg 1 and Geometry | Florida also offers students 46 accredited career and technical centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations. |

| **Science**            | **Note:** Some High school subject area courses are NOT accepted for admissions or scholarship purposes. See websites above for accepted coursework. Also, please note that course weighting for scholarship and admissions purposes may differ from that of Citrus County Schools. GPA’s are NOT rounded. |
| 3 Natural Science (2 with Lab) | Amount of the Bright Futures scholarship will vary by institution type and is set yearly by legislative appropriation. Students must maintain eligibility each year. |
| 3 Natural Science (2 with Lab) | |
| 3 Natural Science (2 with Lab) | |

| **Social Studies**     | |
| 3 Social Studies | |
| 3 Social Studies | |

| **Fine/Performing Arts** | |
| Not Required | |
| Not Required | |
| 1 credit | |

| **World Language**     | |
| 2 Sequential in the Same Language | |
| 2 Sequential in the Same Language | |
| Not Required | |

| **Physical Ed. & Health** | |
| Not Required | |
| Not Required | |
| ½ credit Personal Fitness | |
| ½ credit of Physical Activity | |

| **Other**              | |
| May use up to 2 additional credits in above areas to raise GPA if necessary | |
| May use up to 2 additional credits in above areas to raise GPA if necessary | |
| + Minimum of 3 Career and Technical Education credits in one vocational program | |

| **Total**              | |
| 16 CREDITS Listed above with a 3.5 weighted GPA | |
| 16 CREDITS Listed above with a 3.0 weighted GPA | |
| 16 CREDITS + 3 CTE Courses in 1 Program | |

| **Community Service**  | |
| 100 hours required | |
| 75 hours required | |
| 30 hours required | |

**Foreign Language Requirement**

Two years in the same language is required for admission to any of Florida’s eleven public universities. Any student who plans to transfer to a state university after community college must have completed two years of the same foreign language prior to enrollment at the university. This requirement may be met either at the high school or community college level. It is highly recommended that a student complete this requirement at the high school level and they begin their foreign language study prior to their senior year.
### SYMBOLS/KEY

The following symbols are used throughout the course description section of the curriculum guide. Their meaning is indicated below:

- #: Meets the practical arts requirement for graduation
- ✓: Meets the performing fine arts requirement for graduation
- +: Course is recognized by the State University System and the Florida Bright Futures Scholarship program as a core course
- X: Course is available on that campus
- #: Course is weighted in accordance with the Citrus County Schools Student Progression Plan. See “Weighted Grade Point Average”

**Program/Course Descriptions**

**Program Name:** Name of series of courses that when completed may result in occupational completion points or certification in career/technical area

**Course Name:** Name, number, and level of course as designated in State Course Code Directory

**Prerequisite:** Minimum needed to enroll in course, which may include successful completion of specific course(s) listed

**Recommended:** Suggested for highest probability of success

**Description:** Short overview of course content

**Credit:** High school credit issued for successful completion of course during term (18 weeks on block schedule). Most 1 credit courses are offered in two parts (2 - 9 week quarters on block schedule) in which student may earn .5 credit for each.

**Programs Of Study For Gold Seal Eligibility**

(To be eligible for Gold Seal, students must complete ONLY 3 credits of a career and technical education program-including its core courses)

### ACCOUNTING APPLICATIONS

- 8302100 Accounting Applications
- 8207310 Digital Information Technology
- 8203310 Accounting Applications 1
- 8203320 Accounting Applications 2
- 8203330 Accounting Applications 3
- 8203340 Accounting Applications 4
- 8203350 Accounting Applications 5

**Industry Certification Available:**
Intuit Quickbooks

### ADMINISTRATIVE OFFICE SPECIALIST

- 8212500 Administrative Office Specialist
- 8207310 Digital Information Technology
- 8212110 Administrative Office Technology 1
- 8212120 Business Software Applications 1
- 8209510 Digital Design 1
- 8212410 Administrative Office Technology 2
- 8212420 Administrative Office Technology 3
- 8212160 Business Software Applications 2

**Industry Certification Available:**
Microsoft Office Specialist
Microsoft Office Master

### APPLIED CYBERSECURITY

- 9001300 Applied Cybersecurity
- 9001310 IT Fundamentals
- 9001320 Computer and Network Security Fundamentals
- 9001330 Cybersecurity Essentials
- 9001340 Operational Cybersecurity
- 9001380 Web Security

**Industry Certification Available:**
CompTIA Security+
Cisco Certified Network Associate-Security

### AGRITECHNOLOGY

- 8106800 Agritechnology
- 8106810 Agriscience Foundations-(core)
- 8106820 Agritechnology 1
- 8106830 Agritechnology 2
- 8100300 Advanced Concepts of Agriscience
- 8100100 Agriculture Education Directed Study

**Industry Certification Available:**
Florida Farm Bureau Agriculture Technician Certification

### AIR CONDITIONING, REFRIGERATION AND HEATING TECHNOLOGY

- 8713000 Air Conditioning, Refrigeration & Heating Technology
- 8713010 - Air Conditioning, Refrigeration & Heating Technology 1
- 8713020 - Air Conditioning, Refrigeration & Heating Technology 2
- 8713030 - Air Conditioning, Refrigeration & Heating Technology 3
- 8713040 - Air Conditioning, Refrigeration & Heating Technology 4
- 8713050 - Air Conditioning, Refrigeration & Heating Technology 5
- 8713060 - Air Conditioning, Refrigeration & Heating Technology 6
- 8713070 - Air Conditioning, Refrigeration & Heating Technology 7

**Industry Certification Available:**
National Center for Construction and Research
HVAC Excellence
EPA 688 Environmental Protection Agency

### ALLIED HEALTH ASSISTING

- 8417131 Allied Health Assisting
- 8417100 Health Science Anatomy and Physiology
- 8417110 Health Science Foundations
- 8417131 Allied Health Assisting 3

**Industry Certification Available:**
EPA 608 Environmental Protection Agency

### AUTOMOTIVE COLLISION REPAIR & REFINISHING

- 8709000 Automotive Collision Repair & Refinishing
- 8709010 Auto Col Repair (core) 1
- 8709020 Auto Col Repair 2
- 8709030 Auto Col Repair 3
- 8709040-8709090 Auto Col Repair 4-9

**Industry Certification Available:**
Automotive Service Excellence Certification

### AUTOMATION AND PRODUCTION TECHNOLOGY

- 9200100 Automation and Production Technology 1
- 9200110 Automation and Production Technology 2
- 9200120 Automation and Production Technology 3
- 9200130 Automation and Production Technology 4

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**SYMBOLS/KEY**

The following symbols are used throughout the course description section of the curriculum guide. Their meaning is indicated below:

- # Meets the practical arts requirement for graduation
- ✓ Meets the performing fine arts requirement for graduation
- ✫ Course is recognized by the State University System and the Florida Bright Futures Scholarship program as a core course
- X Course is available on that campus
- + Course is weighted in accordance with the Citrus County Schools Student Progression Plan. See “Weighted Grade Point Average”
- ■ Career Pathways
# RETURN ON INVESTMENT FOR INDUSTRY CERTIFICATION

Listed below is the value of articulated credit for each student who receives the listed Industry Certification.

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## RETURN ON INVESTMENT FOR INDUSTRY CERTIFICATION

Listed below is the value of articulated credit for each student who receives the listed Industry Certification.

<table>
<thead>
<tr>
<th>NAME OF CERTIFICATION</th>
<th>Cost of Assessment**</th>
<th>College Credits</th>
<th>Value of College Credit *</th>
<th>Total Value</th>
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<tbody>
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**RETURN ON INVESTMENT FOR INDUSTRY CERTIFICATION**

Listed below is the value of articulated credit for each student who receives the listed Industry Certification.

<table>
<thead>
<tr>
<th>NAME OF CERTIFICATION</th>
<th>Cost of Assessment**</th>
<th>College Credits</th>
<th>Value of College Credit *</th>
<th>Total Value</th>
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*College credit courses determined by $104.13 per credit + $100 for a textbook

**Subject to change by State Board and/or Post-Secondary Institution

The costs of assessments do not include retakes. The Industry Certifications above are offered in the appropriate CTE program. Articulated credit awarded may only be applied to the AAS/AS Degree or College Credit Certificate (CCC) program at the Florida State College System where the program is offered.
ART/VISUAL ARTS

Students taking the following courses in which optional projects may be done may purchase the necessary materials from the school or bring them from home. These projects will become the property of the students upon completion of the projects. Students choosing to purchase these materials through the school will be charged an individual basis equal to the cost of the materials.

### Course Name: AP Studio Art 3-D (0109360) Level 3
Prerequisites: Two credits in ceramics/sculpture & Portfolio III 3D (LHS only)
Recommended: Grades 11-12; Willingness to spend extra time after school hours to complete portfolio, and approximately $50 to cover materials and slide production costs.
Description: This course provides an opportunity to prepare an Advanced Placement Three Dimensional Art Portfolio. This portfolio is designed for the student who concentrates in 3-D artworks. This can include traditional sculpture, pottery, fibers, and metals. Students who receive a score of 3 or above on their portfolio as judged by the College Board are considered by most colleges and universities for awarding college credit in art.
Credit: 1

### Course Name: AP Studio Art Drawing (0104300) Level 3
Prerequisite: Portfolio III-2D
Recommended: Grades 11-12; An “A” in Portfolio III-2 D or another advanced 2D art class, teacher recommendation. Willingness to spend extra time after school hours to complete portfolio, and ability to provide $50 to cover matting, mounting and slide production costs.
Description: This course is designed for the student committed to drawing, painting, and printmaking abstract and observational works and will include emphasis on portfolio preparation for national judging. Students who receive a score of 3 or above on their portfolio as judged by the College Board are considered by most colleges and universities for awarding college credit in art.
Credit: 1

### Course Name: AP Studio Art-2D (0109350) Level 3
Prerequisite: Portfolio III-2D
Recommended: Grades 11-12; An “A” in Portfolio III-2 D or another advanced 2D art class, teacher recommendation. Willingness to spend extra time after school hours to complete portfolio, and ability to provide $50 to cover matting, mounting and slide production costs.
Description: This course will concern design issues through a very broad range of media and techniques. These can include, but are not limited to graphic design, digital imaging, photography, collage, weaving, illustration, painting, and printmaking. Emphasis will be on portfolio preparation for national judging. Students who receive a score of 3 or above on their portfolio as judged by the College Board are considered by most colleges and universities for awarding college credit in art.
Credit: 1

### Course Name: 2D Art Studio I (0101300) Level 2
Prerequisite:
Recommended: Grades 9-12; A strong interest in 2D Art
Description: This course will provide students with a solid foundation in the concepts of the elements and principles of design. The content will include: use of tools and materials for drawing and painting, art vocabulary, various 2D media, technology, processes and techniques, critical thinking and analysis, and historical and cultural perspectives. A sketchbook that meets course standards is required, and a $5 donation is asked to help defray the cost of supplies.
Credit: 1

### Course Name: 2D Art Studio II (0101310) Level 2
Prerequisites: Art 2D Comp I
Recommended: Grades 11-12, a strong interest in 2D Art
Description: This course will build upon the concepts and skills covered in Art Comp. I, with a stronger emphasis on figure drawing and portraiture. Students will also work more in depth with color theory, composition, pencil techniques, and various art styles. A sketchbook that meets course standards is required, and a $5 donation is asked to help defray the cost of supplies.
Credit: 1

### Course Name: Ceramics/Pottery I (0102310) Level 2
Prerequisite:
Recommended: Grades 9-12; A strong interest in working with clay
Description: Students will be introduced to clay as an art form using hand-building techniques. Students should gain knowledge and understanding of clay, glazes, and the firing process. Students will begin wheelwork during the 2nd quarter of the course. Approximate cost for projects will be $15 per quarter ($30 per term).
Credit: 1

### Course Name: Ceramics/Pottery II (0102310) Level 2
Prerequisite: Ceramics/Pottery I
Recommended: Grades 10-12, Ceramics/Pottery I
Description: This course provides emphasis on learning and mastering the potter’s wheel to create functional pottery. Emphasis will also be placed on glaze formulation and atmospheric kiln firing processes. Competition quality work will be encouraged at this level. Approximate cost for optional projects will be $15 per quarter ($30 per term).
Credit: 1

### Course Name: Ceramics/Pottery III (0102320) Level 3
Prerequisite: Pottery II
Recommended: Grades 11-12, Ceramics/Pottery II
Description: This course provides advanced potter’s wheel and sculpting techniques in clay. Emphasis will be on functional pottery sets and exploring personal style. Local and state competition will be stressed. Projects for the Advanced Placement 3D art portfolio may be started in this class. Approximate cost for all optional projects $15 per quarter/$30 per term.
Credit: 1

### Course Name: Photography I (0108310) Level 2
Prerequisite:
Recommended: Grades 10-12 (LHS); Grades 9-11 (CHS)
Description: This course provides basic studies of Black and White Photography and an Introduction to Digital Imaging. The course includes learning basic skills for 35 mm camera operation, film processing, darkroom techniques, presentation skills for the finished image. The second quarter of the course builds on the above skills and techniques and includes basic digital imaging, scanning, procedures, Introduction to Adobe Photoshop, compositioning and using layers and type to make personal artistic statements. An approximate cost for optional projects will begin at $25 per quarter ($50 per term).
Credit: 1
**Agriculture, Food and Natural Resources**

**Program Name:** Agritechnology (8106800)

**Course Name:** Agriscience Foundations (8106810) (Core Course) Level 2

**Prerequisite:**

**Recommended:**

**Description:** This course was developed as a CORE and is designed to teach applied scientific and technological concepts of agriculture. The content includes management and marketing principles, ecosystems, pest management, human relations skills, global importance of agriculture, and career opportunities in agriculture.

**Credit:** 1
study program in agriscience. The agriscience teacher will work together to develop an independent study program in agriscience. The content is prescribed by the instructor based upon the individual student’s assessed needs. The purpose of this course is to provide students who have completed or are currently completing an OCP in an agricultural program, a capstone experience in research or problem solving. The content is prescribed by the instructor based upon the individual student’s assessed needs.

**Architecture and Construction**

Program Name: Air Conditioning, Refrigeration and Heating Technology (8723000)

Course Name: Drafting (8725000)

Prerequisite: Agriscience Foundations

Recommended: Grades 10-12

Description: This course is designed to develop competencies in the areas of agriscience industry careers. The content includes prevention and treatment of livestock diseases, livestock anatomy, wholesale cuts of meat, animal-health practices, plant growth, plant fertilization, safe use of pesticides, maintenance of tools and equipment, record keeping, and employability skills.

Credit: 1

Program Name: Agritechnology (8106800)

Course Name: Agritechnology 1 (8106820) Level 2

Prerequisite: Agriscience Foundations

Recommended: Grades 10-12

Description: This course is designed to develop competencies in the areas of agriscience industry careers. The content includes job and training requirements, professional organizations, application of medications to livestock, animal nutrition, feeds and feeding, marketing livestock, crop identification, planting crops, pest control, fertilizer calculations and application, irrigation, packing and grading crops, safe equipment operation, finance and employability skills.

Credit: 1

Program Name: Agritechnology (8106800)

Course Name: Agritechnology 2 (8106830) Level 2

Prerequisite: Agritechnology 1

Recommended: Grades 11-12

Description: This course is designed to further develop competencies in the areas of agricultural industry careers. The content includes job and training requirements, professional organizations, application of medications to livestock, animal nutrition, feeds and feeding, marketing livestock, crop identification, planting crops, pest control, fertilizer calculations and application, irrigation, packing and grading crops, safe equipment operation, finance and employability skills.

Credit: 1

Program Name: Agriscience and Natural Resources Education

Course Name: Agriculture Education Directed Study (8100100)

Prerequisite: Agritechnology 2

Recommended: Grade 12

Description: This course provides an opportunity for developing a specific area of interest in the agriscience field. The student and the agriscience teacher will work together to develop an independent study program in agriscience.

Credit: 1

Program Name: Drafting (8725000)

Course Name: Drafting Skills 1 (8725010) Level 2

Prerequisite: Drafting Skills 1

Recommended: Students should be taking (or already taken) Algebra 1 and Geometry

Description: This course is designed to introduce basic mechanical drafting skills. Students will prepare board drawings as well as AutoCAD drawings. Areas of study include basic drafting skills, tools, lettering, line work, sketching, dimensioning, flat drawings, multi-view drawings, sectional views, auxiliary views and pictorial drawings. Also included will be final drawing preparation and an introduction to plotting and blueprinting.

Credit: 1

Program Name: Drafting (8725000)

Course Name: Drafting Skills 2 (8725020) Level 2

Prerequisite: Drafting Skills 1

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The second drafting course will provide students with advanced mechanical drafting skills. Areas include multi-view projections, developments, revolutions, 3-development, rendering, gears, cams, fasteners, descriptive geometry, as-builts, exploded isometrics, patterns, tolerancing, assembly drawings and production drawings. Design control and drawing revisions will also be included. Students will prepare blueprints and plots.

Credit: 1

Program Name: Drafting (8725000)

Course Name: Drafting Skills 3 (8725030) Level 2

Prerequisite: Drafting Skills 2

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The third course in drafting centers in basic architectural drafting. This includes floor plans, foundation plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1

Program Name: Drafting (8725000)

Course Name: Drafting Skills 4 (8725040) Level 2

Prerequisite: Drafting Skills 3

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The fourth course in drafting centers on advanced architectural drafting. Architectural design is stressed. A complete set of working drawings will be produced of a student designed house, including design specifications, floor plans, foundations plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1

Course Name: Drafting (8725000)

Prerequisite: Drafting Skills 3

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The third course in drafting centers in basic architectural drafting. This includes floor plans, foundation plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1

Course Name: Drafting (8725000)

Prerequisite: Drafting Skills 3

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The fourth course in drafting centers on advanced architectural drafting. Architectural design is stressed. A complete set of working drawings will be produced of a student designed house, including design specifications, floor plans, foundations plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1

Course Name: Drafting (8725000)

Prerequisite: Drafting Skills 3

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The fourth course in drafting centers on advanced architectural drafting. Architectural design is stressed. A complete set of working drawings will be produced of a student designed house, including design specifications, floor plans, foundations plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1

Course Name: Drafting (8725000)

Prerequisite: Drafting Skills 3

Recommended: Students are strongly encouraged to have taken Algebra and Geometry before attempting this course due to the advanced mathematical skills required.

Description: The fourth course in drafting centers on advanced architectural drafting. Architectural design is stressed. A complete set of working drawings will be produced of a student designed house, including design specifications, floor plans, foundations plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

Credit: 1
Program Name: Electricity (8727200)
Half day at WTC, may be continued after graduation as a post-secondary student.
Prerequisites: Students will need to use precise measurements therefore knowledge of fractions and decimals is required. Grades 11-12, 2.0 G.P.A. or higher, Algebra 1, Physical Science, read at or above grade level established for this program by the State of Florida. Students should consider also taking Drafting.
Description: This program is designed to prepare students for employment as electricians and electrician helpers. The content includes: electrical theory, the installation, operation, maintenance, and repair of residential electrical systems, motor controls, commercial wiring, and electrical codes. (NCCER accredited training and educational facility).
Credits: 1 credit per 9 weeks

ARTS, A/V TECHNOLOGY AND COMMUNICATION

Program Name: Digital Design (8209600)
Course Name: Digital Design 1 (8209510) Level 3
Prerequisite: Digital Information Technology
Recommended:
Description: 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.
Credit: 1

Program Name: Digital Design (8209600)
Course Name: Digital Design 2 (8209520) Level 3
Prerequisite: Digital Design 1
Recommended:
Description: This course continues the development of basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; decision-making activities; and digital imaging.
Credit: 1

Program Name: Digital Video Production (8772400)
Course Name: Digital Video Production 1 (8772410)
Digital Video Production 2 (8772420)
Digital Video Production 3 (8772430)
Digital Video Production 4 (8772440)
Prerequisite: These courses are a sequential continuance of the previous level
Description: The purpose of this program is to prepare students for initial employment as production assistants, audio/video equipment technician, video/TV camera operators, video editors, multi-media artists/animators and broadcast technicians.
Credit: 1

BUSINESS, MANAGEMENT AND ADMINISTRATION

Program Name: Accounting Applications (8203400)
Course Name: Accounting Applications 1 (8203310) Level 2
Prerequisite: Digital Information Technology
Recommended:
Description: This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.
Credit: 1

Program Name: Accounting Applications (8203400)
Course Name: Accounting Applications 2 (8203320) Level 2
Prerequisite: Accounting Applications 1
Recommended: 2.0 in Accounting Applications 1
Description: This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, and internal control systems. The use of computers is required.
Credit: 1

Program Name: Administrative Office Specialist (8212500)
Course Name: Administrative Office Technology 1 (8212110) Level 2
Prerequisite: Digital Information Technology
Recommended: Typing speed of 30 wpm, Good attendance and discipline record.
Description: This course is designed to train students to assist with administrative and general office duties in a support capacity. Students are required to perform higher level thinking and decision making skills in using technology to produce quality work in an efficient manner. Career development and job acquisition skills are an integral part of this course.
Credit: 1

Program Name: Administrative Office Specialist (8212500)
Course Name: Business Software Applications 1 (8212120) Level 2
Prerequisite: Digital Information Technology
Recommended: Good attendance and discipline record, Keystroke at the rate of 30 wpm
Description: This course is designed to develop proficiency in using the advanced features of software programs to perform office-related tasks.
Credit: 1

Program Name: Administrative Office Specialist (8212500)
Course Name: Digital Design 1 (8209610) Level 2
Prerequisite: Digital Information Technology
Recommended: Good attendance and discipline record, Keystroke at the rate of 30 wpm
Description: 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.
Credit: 1
Program Name: Business Management and Analysis (82151200)
Course Name: Business and Entrepreneurial Principles (82151200) Level 2
Prerequisite: Digital Information Technology
Recommended: Digital Information Technology
Description: This course is designed to provide an introduction to the business organization, management, and entrepreneurial principals. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/management skills, leadership skills, human resources management activities, business ethics and cultural diversity.
Credit: 1

Program Name: Business Management and Analysis (82151200)
Course Name: Legal Aspects of Business (82151300) Level 2
Prerequisite: Digital Information Technology
Recommended: Digital Information Technology
Description: This course is designed to provide an introduction to the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources, management issues, and career development.
Credit: 1

Program Name: Medical Administrative Specialist (82123000)
Course Name: Medical Administration (82123000) Level 2
Prerequisite: Grades 11-12, Algebra or higher
Recommended: 2.0 G.P.A or higher, Digital Information Technology, read at or above grade level established for this program by the State of Florida.
Description: The purpose of this program is to prepare students for employment as a general office clerk, secretary, or medical secretary. The program offers a broad foundation of knowledge and skills needed to prepare for further education and careers in the Education & Training career cluster. It provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Education & Training career cluster.
Credit: 1 credit per 9 weeks

EDUCATION AND TRAINING

Program Name: Child Development (85003100)
Course Name: Child Development (85003100) Level 2
Recommended: Child Development (LHS only), Acceptance into the Education Academy
Description: These courses are designed to develop competencies related to the role, regulations, and career path of teacher aides; the role of education; leadership and CTSO activities; interpersonal and communication skills; and education-support tasks.
Credit: 1

Program Name: Principles of Teaching (89090000)
Course Name: Intro to Teaching Profession (89090100) Level 2
Prerequisite: Teacher Assisting 1
Recommended: Teacher Assisting 2
Description: These courses are designed to develop competencies related to the role, regulations, and career path of teacher aides; the role of education; leadership and CTSO activities; interpersonal and communication skills; and education-support tasks.
Credit: 1

Program Name: Early Childhood Education (84051000)
Course Name: Early Childhood Education 1 (84051100) Level 2
Prerequisite: Early Childhood Education 1
Recommended: Early Childhood Education 2 and 3 are taken 2nd and 3rd block of the selected term. (CRHS only)
Description: This course provides hands-on experience in an on-site preschool laboratory. Students are responsible for the planning, preparation, and operation of the preschool classes.
Credit: 1

Program Name: Principles of Teaching (89090000)
Course Name: Foundation of Curriculum and Instruction (89090300) Level 2
Prerequisite: Teacher Assisting 2
Recommended: Teacher Assisting 3
Description: These courses are designed to develop competencies related to the role, regulations, and career path of teacher aides; the role of education; leadership and CTSO activities; interpersonal and communication skills; and education-support tasks.
Credit: 1

Program Name: Principles of Teaching (89090000)
Course Name: Principals of Teaching Internship (89090400) Level 2
Prerequisite: Teacher Assisting 3
Description: These courses are designed to develop competencies in the legal aspects of education, the inclusion of literacy in the classroom, an awareness of diversity and exceptional student education.
Credit: 1
ENGINEERING AND TECHNOLOGY EDUCATION

Program Name: Communications Technology (8601000)
Course Name: Communications Technology I (8601010) Level 2
Communication Technology 2 (8601020) Level 2
Communication Technology 3 (8601030) Level 2
Prerequisite: These courses are a sequential continuance of the previous level.
Recommended:
Description: These courses provide an introduction to the knowledge and technically oriented experience in the study of communication technology. This program focuses on the transferrable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry. Students are given the opportunity to demonstrate competency in two of the four printing processes. Students will produce designs and logos using the five principles of design. Students will also be provided the opportunity to work on real world jobs.
Credit: 1 credit each course

HEALTH SCIENCE

The Academy of Health Careers provides students with marketable skills that include, but are not limited to nursing, phlebotomy, dental assisting, medical terminology, and EKG. Skills developed include using tools and technology in the workplace, using quantitative skills appropriately, working on a team, developing effective written and verbal communication, understanding complex materials, and learning to adapt to new circumstances on the job. The academy is composed of approximately 150 students. These students are screened using criteria that correlate with student success in the program. An interview is one component of the process. Interested students should request an application from the guidance department at their school.

Program Name: Core Course for Health Science Cluster
Course Name: Health Science Anatomy and Physiology (8417100) Level 2
Prerequisite: Medical Skills and Services
Recommended: Grade 10
Description: This course will cover diseases of the human body, signs, symptoms, causes, treatment and the prevention of diseases, (4 for each of the 9 systems), recognizing symptoms, and psychology of illness.
Credit: 1

Program Name: Core Course for Health Science Cluster
Course Name: Health Science Foundations Level 3
Prerequisite: Health Science 1
Recommended: Grade 11, scheduled concurrently with Nursing Assistant III
Description: This course will cover information on the health care delivery system and health occupations as well as legal and ethical responsibilities, communication and interpersonal skills, employability skills, wellness and disease concepts, safety and security procedures, emergency situations, infection control, knowledge of blood borne diseases, and basic math and science skills. Re-certification in CPR is also covered.
Credit: 1

Program Name: Biomedical Sciences (8708100)
Course Name: Principles of the Biomedical Sciences (8708110)
Prerequisite: Application for Biomedical Program
Description: Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated.
Credit: 1

Program Name: Biomedical Sciences (8708100)
Course Name: Human Body Systems (8708120)
Prerequisite: Principles of the Biomedical Sciences
Description: Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.
Credit: 1

Program Name: Biomedical Sciences (8708100)
Course Name: Medical Interventions (8708130)
Prerequisite: Human Body Systems
Description: Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.
Credit: 1

Program Name: Biomedical Sciences (8708100)
Course Name: Biomedical Innovation (8708110)
Prerequisite: Medical Interventions
Description: In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.
Credit: 1

Program Name: Dental Aide (Assisting)
Course Name: Dental Aide 3 (8417141) Level 3
Prerequisite: Health Science 1
Recommended:
Description: This program is designed to provide classroom theory and practical application in assisting dentists with actual dental procedures in the care of a patient, infection control, instrumentation, and front office procedures.
Credit: 1
Program Name: Emergency Medical Responder (8417170)
Course Name: First Responder 3 (8417171) Level 3
Prerequisite: Health Science 1
Recommended:
Description: This is an instructional program that prepares individuals to provide initial care to sick or injured persons or as ambulance drivers and attendants.
Credit: 1

Program Name: Medical Skills and Services (8400320)
Course Name: Medical Skills and Services (8400320)
Prerequisite: Acceptance into the Academy of Health Careers
Recommended: Grade 9
Description: This is a basic level course and will include studies in child development, infection control, common illnesses, medical abbreviations, CPR, and skills for patient care such as vital signs, and body mechanics. This course replaces the requirement for Health/Life Management.
Credit: 1

Program Name: Nursing Assistant (8717210)
Course Name: Nursing Assistant 3 (8417211) Level 2
Prerequisite: Health Science 1 and Health Science 2
Recommended: Grade 11, scheduled concurrently with Health Science 2
Description: Students will perform skills in the clinical and/or simulated laboratory settings under supervision of a qualified RN instructor. Course instruction includes legal and ethical responsibilities, principles of nutrition, applying the principles of infection control, use of verbal and written communications specific to the health field. This course includes approximately 60 hours of clinical rotations in various health care facilities.
Credit: 1

Program Name: Patient Care Assistant (H17069)
Course Name: Patient Care Assistant 3 (8617211) Level 2
Prerequisite: Meet Dual Enrollment Requirements, 18 years of age
Recommended:
Description: Clinical instruction is provided at local hospitals, geriatric facilities, hospice, various home care locations, and a variety of other health care settings. Course completion skills include personal hygiene care, sanitation, infection control (including blood borne diseases) record keeping, observing and recording vital signs, care of patients, pre-operative care, post-operative care, assist with physicals, patient admission, transfer and discharge, nutrition, anatomy and physiology, CPR and First Aide, and home health care.
Credit: 2
Length: 10 Week program

HOSPITALITY AND TOURISM

Program Name: Culinary Arts (8800500)
Course Name: Culinary Arts 1 (8800510) Level 2
Prerequisite: Grades 11-12 WTC
Recommended: Grades 9-12
Description: This course provides instruction on methods for preparing food in quantities, preserving nutritive values for food and following standard recipes for quality control. It includes service of quantity foods, receiving, storing and issuing foods and supplies, observing safety precautions and sanitation regulations, handling food and equipment, cleaning food preparation and service areas, and working in food service establishments. Students will be required to successfully complete the ServSafe Foodhandler Training Program.
Credit: 1

Program Name: Culinary Arts (8800500)
Course Name: Culinary Arts 2 (8800520) Level 2
Prerequisite: Culinary Arts 1, (Grades 11-12 WTC)
Recommended: Grades 9-12
Description: This course provides instruction on methods for preparing food in quantities, preserving nutritive values for food and following standard recipes for quality control. It includes service of quantity foods, receiving, storing and issuing foods and supplies, observing safety precautions and sanitation regulations, handling food and equipment, cleaning food preparation and service areas, and working in food service establishments. Students will be required to successfully complete the ServSafe Foodhandler Training Program.
Credit: 1

Program Name: Culinary Arts (8800500)
Course Name: Culinary Arts 3 (8800530) Level 2
Prerequisite: Culinary Arts 2, (Grades 11-12 WTC)
Recommended: Grades 10-12, ServSafe Foodhandler card.
Description: This course is the sequential continuation of the skills learned in Culinary Operations 2. Pro-Start is the pioneering School-To-Career program developed by the National Restaurant Association that introduces high school students to careers in food service and teaches basic skills and knowledge they need for success.
Credit: 1

Program Name: Culinary Arts (8800500)
Course Name: Culinary Arts 4 (8800540) Level 2
Prerequisite: Culinary Arts 3, (Grades 11-12 WTC)
Recommended: Grades 10-12
Description: This course will allow students to continue to develop their skills in the food service industry. Opportunities will be provided to practice communication skills, create employment charts, prepare and present food products, follow quality standards, leadership skills, and work independently to complete the course objectives. Careers in the food service industry will be researched. Students will be eligible to take the ServSafe Food Manager Certificate.
Credit: 1

HUMAN SERVICES

Program: Parenting Skills (8500300)
Course Name: Parenting Skills (8500300)
Recommended:
Description: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Human Services career cluster provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Human Services career cluster.
Credit: .5
Program Name: Cosmetology (8905100) (full time enrollment)
Course Name: Cosmetology (8905100) may be continued after graduation as a post-secondary student. High school students will be required to enroll as full time cosmetology students. The purchase of clinic shoes and uniform (scrubs) is required for this course. High school students will be required to provide a deposit of $132.50 at the time of registration to secure the kit.
Prerequisite:
Recommended: Grades 12, 2.0 GPA or higher, read at or above grade level established for this program by the State of Florida.
Description: This program prepares students for the Florida State Board examination for licensure as a cosmetologist. Topics studied include Florida Statutes relating to Cosmetology and the Rules of the Department of Business and Professional Regulation, Division of Professions, Board of Cosmetology. Other topics include but are not limited to: identifying career opportunities, employ safe, sanitary and efficient work practices, demonstrating an understanding of entrepreneurship-management skills, identifying shampoo/hair conditioners and scalp treatments, evaluating scalp and hair needs by analysis, demonstrating an awareness of diseases and disorders, communicating an understanding of the chemical compositions and reactions of shampoos, conditioners, and rinses with water and each other, demonstrating application of shampoo, manipulations and rinsing, identifying and performing hair shaping (cutting), identifying and performing hairstyles, identifying and analyzing spheres and dimensional shapes using visualization, illustrating ways in which geometric shapes can be combined, subdivided and changed in performing haircuts on a manikin or client, communicating an understanding of factors that influence the determination of strategies necessary to meet individual client needs, identifying and preparing hairpieces, wigs and hair attachments, identifying and performing permanent waving/reconstruction and curl/chemical relaxing, and identifying the proper chemical to be prescribed and understanding the way chemicals affect the hair shaft and skin.
Credit: Total program 8 credits

INFORMATION TECHNOLOGY

Program Name: Network Systems Administration (8207440)
Course Name: Half day at WTC, may be continued after graduation as a post-secondary student.
Prerequisites: Grades 11-12, Algebra I or higher.
Recommended: 2.0 GPA or higher, read at or above grade level established for this program by the State of Florida.
Description: This program prepares students for employment as a Local Area Network (LAN) Technician, a Computer End User Support Technician, or Computer Support Specialist, or Technician. Students learn software fundamentals, computer systems architecture, peripheral equipment, electronic information exchange and an introduction to computer security. Students can prepare for and take the A+, Network+, and Security+ certification exams. Skills acquired in the program may be used in preparing for the Microsoft Certified System Administrator (MCSA) certification.
Credit: 1 credit per 9 weeks

Program Name: Applied Cybersecurity (9001300)
Course Name: Half day at WTC, may be continued after graduation as a post-secondary student.
Prerequisites: Grades 11-12, Algebra 1 or higher.
Recommended: 2.0 GPA or higher, read at or above grade level established for this program by the State of Florida.
Description: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-related careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of cybersecurity. The content includes but is not limited to foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, incidence response, penetration testing, key management, access control, and recovery. Specialized courses focus on database security, planning and analysis, software, and web security.
Credit: 1 credit per 9 weeks

Program Name: Technology Support Services (9001400)
Course Name: Half day at WTC, may be continued after graduation as a post-secondary student.
Prerequisite: Algebra 1 or higher.
Recommended: Grades 11-12. GPA 2.0 or higher. Read at or above grade level.
Description: This program prepares students for employment in the area of end user technical support such as a help desk technician. Students will learn the internal workings of a computer and various software programs. Students can prepare for the CompTIA A+ industry certification exam.
Credit: 1 credit per 9 weeks

Program Name: Web Development (9001100)
Course Name: Foundations of Web Design (9001110) Level 3
Prerequisite: Digital Information Technology
Recommended: Grades 10-12
Description: This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design.
Credit: 1

Program Name: Web Development (9001100)
Course Name: User Interface Design (9001120) Level 3
Prerequisite: Foundations of Web Design
Recommended: Grades 10-12
Description: This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, internet/intranet tools, and website promotion.
Credit: 1

Program Name: Web Development (9001100)
Course Name: Web Scripting Fundamentals (9001130) Level 3
Prerequisite: User Interface Design
Recommended: Grades 11-12
Description: This course provides an introduction to scripting related to web development. The content primarily focuses on client-side scripting using JavaScript.
Credit: 1
### Program Name: Web Development (9001100)
**Course Name:** Media Integration Essentials (9001140) Level 3  
**Prerequisite:** Web Scripting Fundamentals  
**Recommended:** Grades 10-12  
**Description:** This course provides in-depth instruction into techniques for integrating various forms of media onto webpages, with particular focus on XML and AJAX technologies and frameworks. Students should have a good understanding of JavaScript prior to taking this course.  
**Credit:** 1

### Program Name: Web Development (9001100)
**Course Name:** Interactivity Essentials (9001160)  
**Prerequisite:** Media Integration Essentials  
**Recommended:** Grades 10-12  
**Description:** This course provides instruction in the design, creation, marketing, and monitoring of E-commerce websites. Content also includes the associated security issues and methods.  
**Credit:** 1

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### Manufacturing

**Program Name:** Automation and Production Technology (9200100)  
**Course Name:** Media Integration Essentials (9001140) Level 3  
**Prerequisite:** Web Scripting Fundamentals  
**Recommended:** Grades 10-12  
**Description:** This course provides in-depth instruction into techniques for integrating various forms of media onto webpages, with particular focus on XML and AJAX technologies and frameworks. Students should have a good understanding of JavaScript prior to taking this course.  
**Credit:** 1

**Program Name:** Industrial Machinery Maintenance Technology (9200300)  
**Course Name:** Media Integration Essentials (9001140) Level 3  
**Prerequisite:** Web Scripting Fundamentals  
**Recommended:** Grades 10-12  
**Description:** This course provides instruction in the design, creation, marketing, and monitoring of E-commerce websites. Content also includes the associated security issues and methods.  
**Credit:** 1

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### Web Development (9001100)
**Course Name:** Interactivity Essentials (9001160)  
**Prerequisite:** Media Integration Essentials  
**Recommended:** Grades 10-12  
**Description:** This course provides instruction in the design, creation, marketing, and monitoring of E-commerce websites. Content also includes the associated security issues and methods.  
**Credit:** 1

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### Program Name: Welding Technology Fundamentals (9204400)  
**Course Name:** Agritechnology (8106800) (Core Course) Level 2  
**Prerequisite:** Agriscience Foundations  
**Recommended:** Grades 10-12  
**Description:** This course was developed as a CORE and is designed to teach applied scientific and technological concepts of agriculture. The content includes management and marketing principles, ecosystems, pest management, human relations skills, global importance of agriculture, and career opportunities in agriculture.  
**Credit:** 1

**Program Name:** Agritechnology (8106800)  
**Course Name:** Agritechnology 1 (8106820) Level 2  
**Prerequisite:** Agriscience Foundations  
**Recommended:** Grades 10-12  
**Description:** This course is designed to develop competencies in the areas of agriscience industry careers. The content includes prevention and treatment of livestock diseases, livestock anatomy, wholesale cuts of meat, animal-health practices, plant growth, plant fertilization, use of pesticides, maintenance of tools and equipment, record keeping, and employability skills.  
**Credit:** 1

**Program Name:** Agritechnology (8106800)  
**Course Name:** Agritechnology 2 (8106830) Level 2  
**Prerequisite:** Agritechnology 1  
**Recommended:** Grades 11-12  
**Description:** This course is designed to further develop competencies in the areas of agricultural industry careers. The content includes job and training requirements, professional organizations, application of medications to livestock, animal nutrition, feeds and feeding, marketing livestock, crop identification, plant care, crop identification, pest control, fertilizer calculations and application, irrigation, harvesting, packing and grading crops, safe equipment operation, finance and employability skills.  
**Credit:** 1
### Program Name: Biomedical Sciences (8708100)

**Course Name:** Principles of the Biomedical Sciences (8708110)

**Prerequisite:** Application for Biomedical Program

**Description:** Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated.

**Credit:** 1

### Program Name: Biomedical Sciences (8708100)

**Course Name:** Human Body Systems (8708120)

**Prerequisite:** Principles of the Biomedical Sciences

**Description:** Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal mannequin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

**Credit:** 1

### Program Name: Biomedical Sciences (8708100)

**Course Name:** Medical Interventions (8708130)

**Prerequisite:** Human Body Systems

**Description:** Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “How-to” manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

**Credit:** 1

### Program Name: Biomedical Sciences (8708100)

**Course Name:** Biomedical Innovation (8708140)

**Prerequisite:** Medical Interventions

**Description:** In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.

**Credit:** 1

### Program Name: Communication Systems (8600410)

**Course Name:** Communication Systems (8600410) Level 2

**Prerequisite:**

**Recommended:** Students need knowledge of basic areas of photography, computers, electronics and chemicals related to communication technology.

**Description:** This course provides an introduction to the knowledge and technology oriented experiences in the study of communication technology. Students are introduced to the printing industry in every phase from history, careers, computer art, design and the printed processes. Students will produce 1 printed t-shirt and do multiple designs using Freehand 7.

**Credit:** .5

### Program Name: Communications Technology (8601000)

**Course Name:** Communications Technology I (8601010) Level 2

**Course Name:** Communications Technology 2 (8601020) Level 2

**Course Name:** Communications Technology 3 (8601030) Level 2

**Prerequisite:** These courses are a sequential continuance of the previous level.

**Recommended:**

**Description:** These courses provide an introduction to the world jobs.

**Credit:** 1 credit each course

### Program Name: Drafting (8725000)

**Course Name:** Drafting Skills 1 (8725010) Level 2

**Prerequisite:**

**Recommended:** Students should be taking (or already taken) Algebra 1 and Geometry

**Description:** This first course in Drafting centers in basic mechanical drawing skills. Students will prepare board drawings as well as AutoCAD drawings. Areas of study include basic drafting skills, tools, lettering, line work, sketching, dimensioning, flat drawings, multi-view drawings, sectional views, auxiliary views and pictorial drawings. Also included will be final drawing preparation and an introduction to plotting and blueprinting.

**Credit:** 1

### Program Name: Drafting (8725000)

**Course Name:** Drafting Skills 2 (8725020) Level 2

**Prerequisite:** Drafting Skills 1

**Recommended:** Students are strongly encouraged to have taken Algebra and Geometry before attempting this class due to the advanced mathematical skills required.

**Description:** The second drafting course will provide students with advanced mechanical drafting skills. Areas include multi view projections, developments, revolutions, 3-development, rendering, gears, cams, fasteners, descriptive geometry, as-builts, exploded isometrics, patterns, tolerancing, assembly drawings and production drawings. Design control and tolerancing revisions will also be included. Students will prepare blueprints and plots.

**Credit:** 1

### Program Name: Drafting (8725000)

**Course Name:** Drafting Skills 3 (8725030) Level 2

**Prerequisite:** Drafting Skills 2

**Recommended:**

**Description:** The third course in drafting centers in basic architectural drafting. This includes floor plans, foundation plans, wall sections, roof plans, elevations, cabinet elevations, window and door schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A complete set of drawings will be produced of a small house. Building codes, building standards, construction techniques and electrical wiring will also be introduced into the course of instruction. Introduction to Architectural Modeling will also be covered.

**Credit:** 1
**DRAMA**

**Program Name:** Drafting (8725000)  
**Course Name:** Drafting Skills 4 (8725040) Level 2  
**Prerequisite:** Drafting Skills 3  
**Recommended:**  
**Description:** The fourth course in drafting centers on advanced architectural drafting. Architectural design is stressed. A complete set of working drawings will be produced of a student-designed house, including design specifications, floor plans, foundations plans, wall sections, roof plans, elevations, cabinet elevations, window, door and cabinet schedules, electrical plans, plumbing plans, HVAC plans, site and topographical plans. A bill of materials and cost estimate will also be developed for the student-designed house. At the completion of the design and drafting process, the student will construct a model of the designed house. A large amount of time is spent in independent work; therefore the student should possess a strong self-disciplined approach to their work.  
**Credit:** 1

**TRANSPORTATION, DISTRIBUTION AND LOGISTICS**

**Program Name:** Automotive Collision Repair and Refinishing (8705000) Half day at WTC, may be continued after graduation as a post-secondary student.  
**Prerequisites:** Students will need to use precise measurements therefore knowledge of fractions and decimals is required.  
**Recommended:** Grades 11-12, 2.0 GPA or higher, Physical Science, read at or above grade level established for this program by the State of Florida, basic knowledge of computers.  
**Description:** The purpose of this program is to prepare students for employment as automobile body repairers and painters. Course content includes: body fillers, welding, custom paint and body work, refinishing, painting, paint mixing, trim and glass servicing. (NATEF/ASE certified facility).  
**Credits:** 1 credit per 9 weeks

**Program Name:** Automotive Maintenance and Light Repair (9504100) Half day at WTC, may be continued after graduation as a post-secondary student.  
**Prerequisites:** Students will need to use precise measurements therefore knowledge of fractions and decimals is required.  
**Recommended:** Grades 11-12, 2.0 GPA or higher, Physical Science, read at or above grade level established for this program by the State of Florida with good technical reading skills, basic knowledge of computers  
**Description:** This program prepares students for employment as automotive technicians and related jobs. It includes instruction in the following areas: basic management, diagnostic skills, service, maintenance, and repair of mechanical systems, such as fuel, electrical, heating/cooling, suspension, engine, transmission/drive train, and brakes. (NATEF/ASE certified facility).  
**Credits:** 1 credit per 9 weeks

**COOPERATIVE DIVERSIFIED EDUCATION**

**Program Name:** Cooperative Diversified Education (8300420)  
**Course Name:** Cooperative Diversified Education (CDE) (8300420)  
**Prerequisite:** Grades 11-12, 16 years of age, 2.0 GPA, completed or presently enrolled in a vocational preparatory course related to their job.  
**Recommended:** Good attendance and discipline record  
**Description:** This program allows the students to receive on-the-job training in a wage-earning job while receiving elective credits. The students are regularly supervised and evaluated to ensure they are learning a variety of tasks, a work ethic, investigating various career opportunities, and learning employability skills.  
**Credit:** 1 credit per scheduled block (minimum average 7.5 work hours per week per block)
Course: Technical Theatre Design & Production 2 (0400420) Level 2
Prerequisite: Technical Theatre Design & Production 1
Recommended: Grades 11 - 12
Description: Students focus on the design and safe application of basic tools and procedures to create elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Students develop assessment and problem-solving skills; the ability to connect selected literature to a variety of cultures, history, and other content areas. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.
Credit: 1

Course: Technical Theatre Design & Production 3 (0400430) Level 2
Prerequisite: Technical Theatre Design & Production 2
Recommended: Grades 11 - 12
Description: Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre. Student designers and technicians assemble a portfolio that showcases a body of work representing artistic growth over time; growing command of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.
Credit: 1

Course: Technical Theatre Design & Production 4 Honors (0400440) Level 3
Prerequisite: Technical Theatre Design & Production 3
Recommended: Grades 11 - 12
Description: Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. Students analyze increasingly more sophisticated theatre literature to inform the work of developing technical design and production pieces for one-acts or a larger production. Students assemble a portfolio that showcases an extensive body of work representing personal vision and artistic growth over time. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.
Credit: 1

Course Name: Theatre 1 (0400310) Level 2
Prerequisite: Recommended: Grades 9-12
Description: This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.
Credit: 1

Subject Area: Academic
Course Name: Access Earth/Space Science (7920020)
Prerequisite: Individual Education Plan
Description: The purpose of this course is to provide students with significant cognitive disabilities access to the concepts and content of Earth/Space Science. Understanding the dynamic relationship between the environment, the Earth and the universe improves the ability to predict how we impact our surroundings and prepares us to respond to and interact with the forces and objects of nature.
Credit: Course may be taken for up to two credits
Diploma Option: For students taking Florida Alternative Assessment

Subject Area: Academic
Course Name: Access Integrated Science 1 (7920025)
Prerequisite: Individual Education Plan
Description: The purpose of this course is to provide students with significant cognitive disabilities access to the concepts and content of Integrated Science. Understanding the characteristics of and dynamic relationship between energy, matter, life and the environment improves the ability to predict how we impact our surroundings and prepares us to respond to and interact with the forces and objects of nature.
Credit: Course may be taken for up to two credits
Diploma Option: For students taking Florida Alternative Assessment

Subject Area: Academic
Course Name: Access United States History (7821025)
Prerequisite: Individual Education Plan
Description: The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.
Credit: Course may be taken for up to two credits
Diploma Option: For students taking Florida Alternative Assessment
**Subject Area:** Academic
**Course Name:** Access Liberal Arts Mathematics (79120710)
**Prerequisite:** Individual Education Plan
**Description:** The purpose of this course is to develop the algebraic and geometric concepts and processes that can be used to analyze and solve a variety of routine and non-routine real-world and mathematical problems.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access Biology 1 (7920015)
**Prerequisite:** Student Individual Education Plan
**Description:** Study of living and non-living systems and how they interact with one another in logical and organized ways (cause and effect). It explains the orderly nature of the world around us and reinforces the calculable, rather than random, nature of life. With such knowledge, the way each of us interacts with our environment becomes more predictable. When people can predict outcomes in life, they gain control of their environment, their fears, and their destiny.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access United States History (7921025)
**Prerequisite:** Student Individual Education Plan
**Description:** Study of the distinctive characteristics, dynamics, and history of local and global cultures. Examining the interrelationship among resources, customs, values, and beliefs of diverse cultures contributes to our ability to interact with others and develop both civic and social competence. Some students might study the details of cultures and institutions to understand the freedoms they enjoy, or to make informed and reasoned decisions for the public good. Others may focus on the characteristics of people, places, and the dynamic nature of relationships to participate more effectively in the world around them.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking the Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access Algebra 1A (7912080)
**Prerequisite:** Student Individual Education Plan
**Description:** This course provides the means to organize, understand, and predict life’s events in quantifiable terms. Organizing life using numbers allows us to keep accurate records of objects and events, such as quantity, sequence, time, and money. Using numbers to understand the relationship between relative quantities or characteristics allows us to accurately problem solve and predict future outcomes of quantifiable events as conditions change.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking the Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access Algebra 1B (7912090)
**Prerequisite:** Student Individual Education Plan, Access Algebra 1A
**Description:** This course provides the means to organize, understand, and predict life’s events in quantifiable terms. Organizing life using numbers allows us to keep accurate records of objects and events, such as quantity, sequence, time, and money. Using numbers to understand the relationship between relative quantities or characteristics allows us to accurately problem solve and predict future outcomes of quantifiable events as conditions change.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking the Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access English 1/2 (7910111)
**Prerequisite:** Student Individual Education Plan
**Description:** The ability to communicate effectively is the cornerstone of interacting in life’s activities. Language Arts is the general academic subject area dealing with communication by developing comprehension and use of written and oral language.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking the Florida Alternative Assessment

**Program Name:** Academic
**Course Name:** Access English 3/4 (7910112)
**Prerequisite:** Student Individual Education Plan, Access English 1/2
**Description:** The ability to communicate effectively is the cornerstone of interacting in life’s activities. Language Arts is the general academic subject area dealing with communication by developing comprehension and use of written and oral language.
**Credit:** Course may be taken for up to two credits
**Diploma Option:** For students taking the Florida Alternative Assessment

**Program Name:** REACH
**Course Name:** Research Methodology for Students who are Gifted (7965010)
**Prerequisite:** Research Methodology for Students who are Gifted
**Recommended:** Grades 11-12
**Description:** This course provides opportunities to explore research methodology and to investigate college and career choices. Activities include: guided tours at nearby universities or colleges, using the Internet to search for scholarships, apply to colleges, and prepare for the SAT and/or ACT. Students will be required to research job preferences in the community, learn job-related skills, and locate possible externship placements in their senior year.
**Credit:** 1
**Diploma Option:** Standard Diploma Elective

**SYMBOLS/KEY**

The following symbols are used throughout the course description section of the curriculum guide. Their meaning is indicated below:

- # Meets the practical arts requirement for graduation
- ✓ Meets the performing fine arts requirement for graduation
- ➜ Course is recognized by the State University System and the Florida Bright Futures Scholarship program as a core course
- X Course is available on that campus
- + Course is weighted in accordance with the Citrus County Schools Student Progression Plan. See “Weighted Grade Point Average”

- Career Pathways
**Program Name:** REACH  
**Course Name:** Gifted Externship (7965030)  
**Prerequisite:** Current Individual Education Plan in the Reach/Gifted Program and Research Methodology for the Gifted  
**Recommended:** Grades 10-12  
**Description:** This senior level course offers seniors the opportunities for exploring career choices before committing to a college program. A portion of the program involves placing a student with an approved community sponsor to explore a career, pursue academic study, and/or work with a community leader. Placement is based on the student’s interest, talents, and abilities. Attendance at weekly seminars is required. These will further enhance skills in leadership, problem solving, decision making.  
**Credit:** Multiple

**Subject Area:** Special Skills  
**Course Name:** Learning Strategies (7963080)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings. Content may include: strategies for acquiring and storing knowledge, oral and written expression, problem solving, linking new information with prior knowledge, and active participation in reading, viewing, and listening, self-regulated use of comprehension strategies, test-taking, time management, organization, social, self-advocacy and planning skills.  
**Credit:** Multiple

**Subject Area:** Special Skills  
**Course Name:** Social and Personal Skills (7963070)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to provide instruction related to environmental, interpersonal, and task-related behavior of students with disabilities. Content may include: appropriate classroom behavior, social and personal development, communications skills, behavior control, conflict resolution, responsibility, and appropriate use of leisure time.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective

**Subject Area:** Special Skills  
**Course Name:** Unique Skills: 9-12 (7963130)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings, and self-advocating in multiple settings.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective

**Subject Area:** Special Skills  
**Course Name:** Access Health Opportunities Through Physical Education 9-12 (7915015)  
**Prerequisite:** Individual Education Plan  
**Description:** Developing physical skills and team sensibilities through physical education promotes active participation in home, school, and community learning and social activities, which, in turn, promotes participation in life.  
**Credit:** Course may be taken for up to two credits  
**Diploma Option:** For students taking the Florida Alternative Assessment

**Subject Area:** Career and Technical Education for Students with Disabilities  
**Course Name:** Career Preparation (7980110)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, obtain community resources, and develop work-related behaviors. The course will provide a foundation for further progress toward achieving the student’s desired post-school outcomes related to a career. The course content may include: self-appraisal, decision making, self-determination and self-advocacy, career options, community resources related to career decisions, workplace competencies, and rights and responsibilities of employees.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective

**Subject Area:** Career and Technical Education for Students with Disabilities  
**Course Name:** Career Experiences (7980120)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, obtain community resources, and develop work-related behaviors. The course will provide a foundation for further progress toward achieving the student’s desired post-school outcomes related to a career. The course content may include: self-appraisal, decision making, self-determination and self-advocacy, career options, community resources related to career decisions, workplace competencies, and rights and responsibilities of employees.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective

**Subject Area:** Career and Technical Education for Students with Disabilities  
**Course Name:** Career Placement, On-the-Job Training (7980130)  
**Prerequisite:** Individual Education Plan  
**Description:** The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings, and self-advocating in multiple settings.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective

**Subject Area:** Career and Technical Education for Students with Disabilities  
**Course Name:** Unique Skills: 9-12 (7963130)  
**Prerequisite:** Student Individual Education Plan  
**Description:** The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings, and self-advocating in multiple settings.  
**Credit:** Multiple  
**Diploma Option:** Special Diploma, Standard Diploma Elective
FOREIGN LANGUAGES

FRENCH

Course Name: Advanced Placement French Language (0701380)
Prerequisite: French 4
Recommended: Teacher recommendation. To be taken as an independent study in a combined upper level class. Student must be able to work independently and have good behavior.
Description: This course improves the listening, reading and writing skills of the previous levels. Cultural awareness is enhanced and a brief study of history through literature is taught.
Credit: 1

Course Name: French 1 (0701320) Level 2
Prerequisite: French 1
Recommended: Grades 10-12, for 9th grade students-minimum of “B” in 8th grade English
Description: This course provides an introduction to developing communication skills in the French language and gaining a cross-cultural understanding of customs, traditions and histories of the French-speaking peoples. The content includes an emphasis on pronunciation while focusing on understanding and comprehending reading, writing, listening and speaking.
Credit: 1

Course Name: French 2 (0701330) Level 2
Prerequisite: French 1
Recommended: If a native speaker should be placed in this level then he or she must have teacher recommendation and/or pass a test to show knowledge of the language and cultures.
Description: This course develops increased listening, reading, writing and speaking skills, as well as, cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective.
Credit: 1

Course Name: French 3 (0701340) Level 3
Prerequisite: French 2
Recommended: This course provides an extended learning of the French language while incorporating the material learned in French I and II. Listening and speaking skills are refined with more intense reading and writing in French and additional cultural studies.
Credit: 1

Course Name: French 4 (0701350) Level 3
Prerequisite: French 3
Recommended: This course reinforces the skills learned in French I, II and III. Listening, speaking, reading and writing skills, interwoven with cultural awareness are advanced.
Credit: 1

SPANISH

Course Name: Advanced Placement Spanish Language (0708400)
Prerequisite: Spanish 4
Recommended: To be taken as an independent study in another level class. Student must be able to work independently and have good behavior.
Description: This course improves the listening, reading and writing skills of the previous courses. Cultural awareness is enhanced and a brief study of history through literature is taught.
Credit: 1

Course Name: Spanish 1 (0708340) Level 2
Prerequisite: Spanish 1
Recommended: Grades 10-12, for 9th grade students-minimum of “B” in 8th grade English
Description: This course provides an introduction to developing communication skills in the Spanish language and gaining a cross-cultural understanding of customs, traditions and histories of the Spanish-speaking peoples. The content includes an emphasis on pronunciation while focusing on understanding and comprehending reading, writing, listening and speaking.
Credit: 1

Course Name: Spanish 2 (0708350) Level 2
Prerequisite: Spanish 1
Recommended: If a native speaker should be placed in this level then he or she must have teacher approval and/or pass a test to show knowledge of the language and cultures.
Description: This course develops increased listening, speaking, reading and writing skills, as well as, cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective.
Credit: 1

Course Name: Spanish 3 (0708360) Level 3
Prerequisites: Spanish 2
Recommended: This course provides an amplification of material learned in Spanish I and II. Listening and speaking skills are refined with more intense reading and writing in Spanish and additional cultural studies.
Credit: 1

Course Name: Spanish 4 (0708370) Level 3
Prerequisite: Spanish 3
Recommended: This course reinforces the skills learned in Spanish I, II and III. Listening, speaking, writing and reading skills, interwoven with cultural awareness are advanced.
Credit: 1

Course Name: Spanish 5 (0708380)
Prerequisite: Spanish 4
Recommended: This course expands the previous acquire communicative skills and cultural understanding.
Credit: 1
HEALTH

**Course Name:** Health I/Life Management Skills (0800300)
**Prerequisite:** None
**Recommended:** Grades 9-10
**Description:** This course provides students with opportunities to develop and enhance critical life management skills for making sound and positive healthful decisions. Content includes interpersonal communication and relationships, nutrition, stress management, substance use and abuse, first aid, CPR, and communicable diseases.
**Credit:** 1 (Successful completion of this course is required for graduation)

HUMANITIES

**Course Name:** Humanities Survey (0900300)
**Prerequisite:** None
**Recommended:** Grades 9-12
**Description:** The purpose of this course is to enable students to survey major creative expressions of the cultural heritage of selected civilizations through study of the arts and their connections to areas such as literature, history, philosophy, and religion. Emphasis will be the impact of cultural heritage on contemporary society and culture.
**Credit:** .5

LANGUAGE ARTS

**Course Name:** Journalism I (1006300J)
**Prerequisite:** (Application CHS only)
**Recommended:** Grades 9-12
**Description:** This course is an introduction to news, editorial, sports and feature writing. Students will study common terms used in newspaper or yearbook publication, photography, and layout basics.
**Credit:** 1

**Course Name:** Journalism 2 (1006310J) Yearbook Level 2
**Prerequisite:** Journalism 1; Application (CRHS only)
**Recommended:** Grades 10-12
**Description:** This course is for students who wish to be on the yearbook staff or newspaper staff.
**Credit:** 1

ENGLISH

**Course Name:** Advanced Placement English Language and Composition (1001420) Level 3
**Prerequisite:** English Honors curriculum or regular English curriculum and the completion of the summer reading assignment.
**Recommended:** Grade 11
**Description:** The Advanced Placement course in English Language and Composition engages students in careful reading and critical analysis of primary source texts to deepen their understanding of and appreciation for these materials. Students will study individual works from their historical and cultural context by focusing on rhetorical modes and devices, sentence and word schemes, tones and themes. Using these materials as guides, students learn to write effectively in a variety of modes and for a variety of purposes. Students will take the National Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
**Credit:** 1
**Course Name:** Freshman Composition 1, College Dual Enrollment (ENC 1101)  
**Prerequisite:** Meets dual enrollment criteria. Students must have completed English 3 or AP English prior to enrolling in ENC1101  
**Recommended:** Grade 12  
**Description:** This course is the first composition class required of college freshmen. It provides practice in expository writing. The course focuses on development of clear thought processes, organization for writing, and production of essays in the various modes.  
**Note:** Gordon Rule Course- 6000 words  
**Credit:** .5 *or College of Central Florida campus

**Course Name:** Freshman Composition 2, College Dual Enrollment (ENC 1102)  
**Prerequisite:** Completion of Freshman Composition 1 with a grade “C” or better  
**Recommended:** Grade 12  
**Description:** This course includes readings from fiction, poetry, and drama, which provide the basis for discussion and expository writing assignments.  
**Note:** Gordon Rule Course- 6000 words  
**Credit:** .5 *or College of Central Florida Campus

**Course Name:** English 1 (1001310) Level 2  
**Prerequisite:** Statewide Assessment Reading Achievement Level 2 or higher  
**Recommended:** Grade 9  
**Description:** This course provides instruction in reading and vocabulary necessary to understand printed materials. The composition instruction focuses on writing effective paragraphs and multi-paragraph papers emphasizing all stages of the writing process. Speech instruction includes formal and informal presentations. Literature study includes major literary genres. The study of language includes the elements of grammar, usage and mechanics. This course will also include introduction to the research process.  
**Credit:** 1

**Course Name:** English Honors 1 (1001320) Level 3  
**Prerequisite:** Statewide Assessment Reading Achievement Level 3 or higher and Statewide Assessment Writing score of 4 or higher and completion of summer reading assignment  
**Recommended:** Grade 9  
**Description:** Students will explore the use and effectiveness of written rhetorical strategies and begin to use those strategies in their own writing. In addition, this course will emphasize the development of grammar, vocabulary, and interpersonal communication skills. Assignments include the reading of novels and plays and the development of a research project. The content will include experiences in literature, writing, speaking and listening. This course will primarily concentrate on the writing process and analytical reading. Reading assignments include novels and plays.  
**Credit:** 1

**Course Name:** English 2 (1001340) Level 2  
**Prerequisite:** English 1, Statewide Assessment Reading Achievement Level of 2 or higher  
**Recommended:** Grade 10  
**Description:** This course includes all aspects of the communication process, emphasizing reading and writing skills along with developmental vocabulary. Analysis of the themes of the various genres found in the world literature is also included.  
**Credit:** 1

**Course Name:** English 2 Honors (1001350) Level 3  
**Prerequisite:** English Honors 1, (English I and teacher recommendation) and Statewide Assessment Reading Achievement Level 3 or higher and the completion of the summer reading assignment  
**Recommended:** Grade 10  
**Description:** This course teaches students the rudimentary skills of literary analysis in order to prepare them for upper level AP and college course work.  
**Credit:** 1

**Course Name:** English 3 (1001370) Level 2  
**Prerequisite:** English 2  
**Recommended:** Grade 11  
**Description:** This course includes a survey of American literature with assignments using all stages of the writing process. A research project that demonstrates understanding of the research process. Speech and vocabulary are integrated throughout.  
**Credit:** 1

**Course Name:** English 3 Honors (1001380) Level 3  
**Prerequisite:** English 2 Honors and Teacher Recommendation and Statewide Assessment Reading Achievement Level 3 or Higher and the completion of the summer reading assignment  
**Recommended:** Grade 11  
**Description:** The purpose of this course is to provide grade 11 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.  
**Credit:** 1

**Course Name:** English 4 (1001400) Level 2  
**Prerequisite:** English 3  
**Recommended:** Grade 12  
**Description:** This course provides a survey of British Literature concurrent with practice in writing in different modes. A research project is required. Grammar and vocabulary units are included.  
**Credit:** 1

**Course Name:** Intensive Language Arts (1000400)  
**Prerequisite:** Academic Improvement Plan or Individual Education Plan  
**Recommended:** Grades 9-12  
**Description:** This course provides remediation to prepare for application of reading skills identified on the Statewide Assessment, a requirement for high school graduation.  
**Credit:** .5 (multiple elective credit)

**Course Name:** Intensive Reading (1000410)  
**Prerequisite:** Academic Improvement Plan or Individual Education Plan  
**Recommended:** Grades 9-12  
**Description:** This course provides remediation to prepare for application of reading skills identified on the Statewide Assessment, a requirement for high school graduation.  
**Credit:** .5 (multiple elective credit)
Course Name: Advanced Placement Calculus AB, (1202310) Level 3
Prerequisite: Pre-Calculus
Recommended: 3.0 GPA in previous math courses
Description: This course provides an opportunity for students to study elementary function and the general theory and techniques of calculus.
Credit: 1

Course Name: Advanced Placement Calculus BC (1202320) Level 3
Prerequisite: AP Calculus AB
Recommended: 3.0 GPA in previous math courses
Description: This course provides additional opportunities for students to study function and general theory and techniques of calculus.
Credit: 1

Course Name: Algebra 1A (1200370) Level 2
Prerequisite: Statewide Assessment Math Achievement Levels 1 & 2
Recommended: Grades 9-10
Description: This course provides development of algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. This is the first course of a two course sequence, which together covers the content of Algebra I. (Completion of Algebra IA and IB satisfies the Algebra I requirement for graduation.)
Credit: 1

Course Name: Algebra 1-B (1200380) Level 2
Prerequisite: Algebra 1A
Recommended: Grades 9-10
Description: This course provides the continuation of the two course sequence which covers the content of Algebra I. Completion of Algebra IA and IB satisfies the Algebra I requirement for graduation.
Credit: 1

Course Name: Algebra 1 (1200310) Level 2
Prerequisite: Statewide Assessment Math Achievement Level 3 or higher
Recommended: Grades 9-10
Description: This course provides the foundation for more advanced mathematics courses and develops problem-solving skills for operations, variables, formulas, integers, equations, inequalities and factoring.
Credit: 1

Course Name: Algebra 2 (1200330) Level 2
Prerequisite: Geometry
Recommended: Grades 9-12
Description: This course continues the study of the structure of algebra and provides the foundation for applying these skills.
Credit: 1

Course Name: Algebra 1 Honors (1200320)
Prerequisite: 
Recommended: 
Description: 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. (weighted)
Credit: 1

Course Name: Algebra 2 Honors (1200340) Level 3
Prerequisite: Geometry or Geometry Honors, Statewide Assessment Math Achievement Level 4 or higher
Recommended: 
Description: This course continues the study of algebra from a concept, rather than a computation viewpoint.
Credit: 1

Course Name: Financial Algebra (1200387) Level 2
Prerequisite: 
Recommended: Algebra 1 and Geometry, Grades 11-12
Description: This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling. The course also includes Financial Literacy Standards found in Social Studies.
Credit: 1

Course Name: Geometry Honors (1206320) Level 3
Prerequisite: Algebra 1
Recommended: Statewide Assessment Math Achievement Level of 4
Description: This course develops the geometric relationships and deductive strategies to solve a variety of mathematical problems. This is concept rather than calculation based course.
Credit: 1

Course Name: Geometry (1206310) Level 2
Prerequisite: Algebra 1 or Algebra 1B or Informal Geometry
Recommended: 3.0 GPA or higher in Algebra course (s)
Description: This course develops the geometric deductive strategies and relationships, which can be used to solve a variety of real world mathematical problems. This course will satisfy the state university requirement for admission to college.
Credit: 1

Course Name: Informal Geometry (1206300) Level 2
Prerequisite: Algebra 1 or Algebra 1A and IB
Recommended: 
Description: This course provides the opportunity to use the basic geometric skills as tools in solving real-world problem. No formal proofs are required. This course will not satisfy the state university requirement for admission to college.
Credit: 1

Course Name: Intensive Math (1200400)
Prerequisite: Academic Improvement Plan or Individual Education Plan
Recommended: Grades 9-12
Description: Remediation Math course for students scoring below level 2 on Statewide Assessment
Credit: Multiple, Elective

Course Name: Liberal Arts Math 1 (1207300) Level 2
Prerequisite: Students who have passed their Algebra 1 course but have not passed the associated EOC
Recommended: 
Description: This course strengthens Algebra 1 Skills
Credit: 1
Course Name: Liberal Arts Math 2 (1207310) Level 2
Prerequisite: Completion of Algebra 1 and Geometry
Recommended:
Description: This course strengthens mathematical skills used in Algebra and Geometry
Credit: 1

Course Name: Math for College Readiness (1200700)
Prerequisite: Students taking this course should have completed Algebra 1, Geometry and Algebra 2.
Recommended: Students taking this course should have completed Algebra 1, Geometry and Algebra 2.
Description: 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.
Credit: 1

Course Name: Pre-Calculus, (1202340) Level 3
Prerequisite: Algebra 2
Recommended:
Description: This course emphasis is on the study of Analytic Geometry and the study of circular and trigonometric functions, and other skills necessary for the study of calculus.
Credit: 1

Course Name: AP Statistics (1210320)
Prerequisite:
Required: Participant in Academy of Computer Science (See Page 6)
Description: Learn about the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Develop analytical and critical thinking skills as you learn to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences.
Credit: 1

Course Name: AP Music Theory (1300330) Level 3
Prerequisite:
Recommended: Grades 11-12
Description: Emphasis for this class will be on composition, analysis, and performance of student composition. Students must take the national Advanced Placement Exam.
Credit: 1

Course Name: Marching Band (1302355)
Prerequisite: Students must demonstrate basic skills on brass/percussion or woodwind instruments.
Recommended: Grades 9-12
Description: This course is a continuation of skills learned on the middle school level. The students will participate in various marching performances during the fall including football game half-time shows, and marching competitions on Saturdays. Band rehearsals will be held after school on an announced basis. Please see the band director for specific details.
Credit: 1 credit yearly

Course Name: Chorus 1 (1303300) Level 2
Prerequisite:
Recommended: Grades 9-12
Description: This course provides the students with the basic vocal techniques for correct singing. Vocal health will be emphasized. In addition, basic notation skills, sight singing, and vocabulary will be introduced.
Credit: 1

Course Name: Band 1 (1302300) Level 2
Prerequisite: Students must demonstrate basic skills on brass, percussion, or woodwind instruments.
Recommended: Grades 9-12
Description: This course is a continuation of skills learned on the middle school level. The emphasis of this class is to help students reach a high performance level through fundamentals of individual technique (major scales, rhythms, etc.) as well as continuous ensemble rehearsal. Students will be involved in concert band and marching band after school rehearsals.
Credit: 1

Course Name: Band 2 (1302310) Level 2
Prerequisite: Band 1
Recommended: Grades 10-12
Description: Band II is a continuation of Band I. The emphasis of this class will be to help students reach a high performance level through fundamentals of individual technique (major/minor scales, etc.) and continuous ensemble rehearsal. Students will be involved in concert band and marching band after school rehearsals.
Credit: 1

Course Name: Band 3 (1302320) Level 2
Prerequisite: Band 2
Recommended: Grades 11-12
Description: Extended skill development and musicianship continue and include interpreting medium level band music, establishing appropriate tone production (standard brass, woodwind, percussion) and performance techniques. Students are required to attend all rehearsals and performances as part of the band.
Credit: 1

Course Name: Band 4 (1302330) Level 2
Prerequisite: Band 3
Recommended: Grades 12
Description: This course develops independence in musicianship, performance techniques (standard brass, woodwind, percussion) and aesthetic awareness after rehearsing and performing varied band literature. Content includes interpreting medium to difficult music, developing independent musicianship, tone production and performance techniques, analyzing form, style and history in the performance preparation of varied band literature. Students are required to attend all rehearsals and performances as part of the band program.
Credit: 1
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<td>Grades 9-12</td>
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<tr>
<td><strong>Description</strong></td>
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<tr>
<td>This course meets the graduation requirements for Performing Fine Arts.</td>
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<tr>
<td><strong>Special Note</strong></td>
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<tr>
<td>This course will require students to participate in some extra rehearsals and performances beyond the school day.</td>
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<tr>
<td><strong>Credit</strong></td>
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<tr>
<td>1 credit each course</td>
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</tbody>
</table>
Course Name: **Keyboard (Piano)** (1301360) Level 1
Keyboard 2 (1301370)
Prerequisite:
Recommended: Grades 9-12
Description: This course provides students with the opportunity to develop piano keyboard performance proficiency. Emphasis will be placed on the development of skills in reading music notation, analysis of form, style and historical periods. Students will have opportunities to learn technical skills, i.e. proper hand positions, proper fingering, scales, triads and chords. Students will have opportunities to learn to sight-read levels of music depending on their own initiative. Student in-class performance serves as the final evaluation.
Credit: 1

Course Name: **Music Technology and Sound Engineering 1**
(1304300) Level 2
Prerequisite:
Recommended: Grades 9-12
Description: Students explore the fundamental applications and tools of music technology and sound engineering. As they create and learn its terminology, students also learn the history and aesthetic development of technology used to capture, create, and distribute music. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.
Credit: 1

Course Name: **Orchestra I** (1302360) Level 2
Prerequisite: Orchestra 1
Recommended: Grades 9-12
Description: This course develops musicianship skills on orchestral instruments. The content includes basic fundamental skills in characteristic tone production, orchestral performing techniques, musical literacy, and music appreciation. After school rehearsals and performances are part of this course.
Credit: 1

Course Name: **Orchestra 2** (1302370) Level 2
Prerequisite: Orchestra 1
Recommended: Grades 9-12
Description: This course extends musicianship and ensemble experience of orchestral instruments, while extending skill development in characteristic tone production, orchestral performances techniques, musical literacy and music appreciation. After school rehearsals and performances are part of this course.
Credit: 1

Course Name: **Orchestra 3** (1302380) Level 2
Prerequisite: Orchestra 2
Recommended: Grade 11-12
Description: This course provides students with instruction in the development of technical skills after studying varied orchestral literature. The content includes interpreting medium level orchestral music, establishing appropriate tone production and performance techniques, identifying simple musical forms and varied style periods, as well as, formulating aesthetic awareness. After school rehearsals and performances are part of this course.
Credit: 1

Course Name: **Orchestra 4** (1302390) Level 2
Prerequisite: Orchestra 3
Recommended: Grade 12
Description: This course provides students with instruction in the application of musicianship and technical skills after studying varied orchestral literature. The content includes independent interpretation of medium level orchestral music, refinement of tone production and performance techniques, musical form, style periods, and aesthetic perceptions. After school rehearsals and performances are part of this course.
Credit: 1

Course Name: **Vocal Ensemble 1** (1303440) Level 2
Vocal Ensemble 2 (1303450) Level 2
Vocal Ensemble 3 (1303460) Level 2
Vocal Ensemble 4 (1303470) Level 2
Prerequisite: Teacher recommendation
Recommended: Grades 9-12 (CHS and LHS 2nd Term only)
Description: These courses are designed only for the advanced and dedicated choral student. The purpose of these courses is to enable students to further develop their performing skills, while strengthening their technical knowledge. Students will be taught a varied repertoire of music ranging from Renaissance to Pop. Solo singing and choreography will be emphasized strongly in this group.
Credit: 1 credit each course

Course Name: **Peer Counseling 1** (1400320)
Prerequisite: Guidance/Administration Screening and Selection
Recommended: Grades 10-12
Description: This course is the introductory course for peer helpers. Peer helpers must be self-motivated to complete independent study in required texts while serving in classrooms. All peer helpers must be able to document excellent attendance and behavior and must maintain a 3.0 GPA.
Credit: 5

Course Name: **Peer Counseling 2** (1400310)
Prerequisite: Peer Counseling 1, excellent attendance and behavior, 3.0 GPA
Recommended: Grades 10-12
Description: This course provides for further application of skills from Peer Counseling 1.
Credit: 5

Course Name: **Peer Counseling 3** (1400320)
Prerequisite: Peer Counseling 2, excellent attendance and behavior, 3.0 GPA
Recommended: Grades 11-12
Description: This course provides for further application of skills from Peer Counseling 1 and 2.
Credit: 5

Course Name: **Peer Counseling 4** (1400330)
Prerequisite: Peer Counseling 3, excellent attendance and behavior, 3.0 GPA
Recommended: Grades 11-12
Description: This course provides for further application of skills from Peer Counseling 1, 2, and 3.
Credit: 5
# PHYSICAL EDUCATION

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Prerequisite</th>
<th>Recommended</th>
<th>Description</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>Basketball (1503310)</td>
<td></td>
<td></td>
<td>This course provides opportunities to develop skill and strategies in basketball such as dribbling, passing, shooting, guarding, rebounding and pivoting.</td>
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<tr>
<td>Aerobics 1 (1503400)</td>
<td>Previous level</td>
<td>Grades 9-12</td>
<td>The purpose of this course is to provide students with opportunities to develop an individual optimal level of cardiovascular fitness on one’s health.</td>
<td>.5 credit each course</td>
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<tr>
<td>Power Weight Training 1 (1501410)</td>
<td>Comprehensive Fitness</td>
<td>Grades 10-12</td>
<td>This course includes safety practices, assessment of health related fitness, skills, techniques, strategies, and rules of weight training, assessment of basic Olympic and power weight training skills; consumer issues related to weight training and fitness activities.</td>
<td>.5</td>
</tr>
<tr>
<td>Tennis 1 (1504500)</td>
<td>Students must provide their own tennis racquet.</td>
<td>Grades 9-12</td>
<td>This course provides opportunities to develop skills including the forehand and backhand strokes, the serve and volley as well as other skills necessary to enjoy the sport of tennis.</td>
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<tr>
<td>Volleyball 1 (1505500)</td>
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<td>Grades 9-12</td>
<td>This course offers skills and strategies in power volleyball, such as serving, passing, spiking, setting, blocking and digging.</td>
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<tr>
<td>Comprehensive Fitness (1501390)</td>
<td>Fitness Issues Adolescents</td>
<td>Grades 11-12</td>
<td>The purpose of this course is to provide students with opportunities to acquire knowledge and concepts of all aspects of fitness and increase their total fitness level.</td>
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<tr>
<td>Fitness Issues for Adolescents (1501320)</td>
<td>Fitness Lifestyle Design</td>
<td>Grades 10-12</td>
<td>This course provides general conditioning and exercise programs, which aid the student in the development of a lifetime fitness program.</td>
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</tbody>
</table>

## Course Offerings

<table>
<thead>
<tr>
<th>Campus Available</th>
<th>CHS</th>
<th>CRHS</th>
<th>LHS</th>
<th>WTC</th>
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</thead>
<tbody>
<tr>
<td>Basketball</td>
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<td>x</td>
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<tr>
<td>Aerobics 1</td>
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<tr>
<td>Power Weight Training 1</td>
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<tr>
<td>Tennis 1</td>
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<tr>
<td>Volleyball 1</td>
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<tr>
<td>Comprehensive Fitness</td>
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<tr>
<td>Fitness Issues for Adolescents</td>
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</table>

## Course Descriptions

- **Fitness Lifestyle Design (1501310)**
  - **Prerequisite:** Weight Training Advanced
  - **Recommended:** Grades 10-12
  - **Description:** The purpose of this course is to extend the knowledge of physical fitness concepts, design, implement, and evaluated a personal fitness program, and to develop and individual optimal level of health-related fitness. The content should include, but not be limited to the following: safety practices, assessment of health related fitness, further development of knowledge and application of physical fitness concepts, the design, implementation, and evaluation of a personal fitness program, assessment of skills, consumer issues, and fitness activities.
  - **Credit:** .5 each course

- **Individual/Dual Sports 1 (1502410)**
  - **Prerequisite:** Previous Level
  - **Recommended:** Grades 9-12
  - **Description:** This course emphasizes skills in such sports as badminton, tennis, handball, golf, racquetball, paddleball, and weight training.
  - **Credit:** .5 each course

- **Volleyball 2 (1505510)**
  - **Prerequisite:** Previous Level
  - **Recommended:** Grades 9-12
  - **Description:** This course will provide instruction in the knowledge and skills in volleyball, which include, safety practices, skills, techniques, rules and strategies. It will also provide an opportunity to maintain and/or improve health-related fitness.
  - **Credit:** .5

- **Sports Officiating (1502500)**
  - **Prerequisite:** Previous Level
  - **Recommended:** Grades 9-12
  - **Description:** This course will provide instruction in the knowledge and skills in officiating selected sports, and maintain or improve health-related fitness. It includes the study of safety practices, sports rules and regulations, techniques and mechanics of officiating and consumer issues. It may include basketball, baseball, softball, football, volleyball, swimming, track and field, soccer and wrestling.
  - **Credit:** .5
RESEARCH AND CRITICAL THINKING

Course Name: AVID 1 (1700390)
Prerequisite: AVID
Recommended: Yes
Description: Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop basic skills aligned with current curriculum. Application approval required.
Credit: 1

Course Name: AVID 2 (1700400)
Prerequisite: AVID 1
Recommended: Yes
Description: Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop basic skills aligned with current curriculum. Application approval required.
Credit: 1

Course Name: AVID 3 (1700410)
Prerequisite: AVID 2
Recommended: Yes
Description: Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop basic skills aligned with current curriculum. Application approval required.
Credit: 1

Course Name: AVID 4 (1700420)
Prerequisite: AVID 3
Recommended: Yes
Description: Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop basic skills aligned with current curriculum. Application approval required.
Credit: 1

Course Name: Executive Intern (0500300)
Prerequisite: Acceptance into 1B Program LHS ONLY
Recommended: Grade 9
Description: This course extends skills learned in Research I, emphasizing the students’ ability to refine and develop research utilizing resources, including both print and electronic, within the school media center. In addition, skills mastered allow the research student to assist patrons of the media facility.
Credit: .5

Course Name: Media Center Research 1 (1700300)
Prerequisite: Approval of Media Staff
Recommended: Grades 10-12
Description: This course extends skills learned in Research I, emphasizing the students’ ability to refine and develop research utilizing resources, including both print and electronic, within the school media center. In addition, skills mastered allow the research student to assist patrons of the media facility.
Credit: .5

Course Name: Media Center Research 2 (1700310)
Prerequisite: Approval of Media Staff/Research 1
Recommended: Grades 10-12
Description: This course extends skills learned in Research I, emphasizing the students’ ability to refine and develop research utilizing resources, including both print and electronic, within the school media center. In addition, skills mastered allow the research student to assist patrons of the media facility.
Credit: .5

Course Name: Media Center Research 3 (1700320)
Prerequisite: Approval of Media Staff/Research 2
Recommended: Grades 11-12
Description: This course emphasizes data collection and the research process, continuing with skills learned in Research I and II. Students use community resources and the school media center to develop a research project. Skilled students become part of the media center’s support staff and assist others in data collection and research process.
Credit: .5

Course Name: Air Force Junior ROTC
Prerequisite: Grades 9-12
Description: This course is designed to acquaint the student with the historical development of flight and the role of the military in history. The course covers the development of flight from ancient legends to the present. The cadets learn to wear the uniform, Air Force customs and courtesies, and basic drill skills.
Credit: 1

SYMBOLS/KEY
The following symbols are used throughout the course description section of the curriculum guide. Their meaning is indicated below:

# Meets the practical arts requirement for graduation
✓ Meets the performing fine arts requirement for graduation
+ Course is recognized by the State University System and the Florida Bright Futures Scholarship program as a core course
X Course is available on that campus
+ Course is weighted in accordance with the Citrus County Schools Student Progression Plan. See “Weighted Grade Point Average”

ROTC MILITARY TRAINING
Safety, and Military staff Functions including Laboratory Practical have heavy concentration on Drill & Ceremonies, Marksmanship & those students who desire more than the four courses should enroll in the core courses (L.E.T. I-IV) spread over the four high school years. Students desiring to complete the basic core courses should enroll in course that will benefit the student in any chosen career be it military will benefit the cadet, the community and our nation. JROTC is a character building activities and a course of military instruction that together to help “build better citizens for America.”

Credit: 1 credit each course

**Program Name:** Naval Junior Reserve Officer Training Corps (NJROTC)
**Course Name:** Naval Science 1A and 1B (1802300)
**Prerequisite:**
**Recommended:** Grades 9-12
**Description:** This is the introductory course for the NJROTC program, which is offered in two parts. Students entering the program are required to sign up for both Naval Science 1A and 1B. Naval Science 1A is taken during either the 1st or 2nd quarter of the school year. It covers the history of the NJROTC program, close order military drill, military customs and courtesies, and uniforms. Successful completion of 1A assures permission to return in the spring to take Naval Science 1B. Naval Science 1B is taken during either the 3rd or 4th quarter of the school year. Naval Science 1B continues the subjects introduced in 1A and, additionally, covers Citizenship, Marlinspike Seamanship and an introduction to Navigation. Participation in the several extra-curricular activities offered is encouraged during both active and inactive quarters throughout the school year.

**Credit:** .5 credit each course (plus .5 credit in Physical Education, .5 credit in Personal Fitness)

**Program Name:** Naval Junior Reserve Officer Training Corps (NJROTC)
**Course Name:** Naval Science 2 (1802310)
**Prerequisite:** Naval Science 1A and 1B
**Recommended:** Grades 10-12
**Description:** This is a follow-on course to Naval Science I. Seniors may not take this course except as part of a curriculum that will include the completion of two full credits in Naval Science prior to graduation. Naval Science II is offered during both the fall and spring terms. Naval Science II covers Maritime History and Maritime Sciences (Oceanography, Meteorology, Astronomy and Physical Science)

**Credit:** 1

**Program Name:** Naval Junior Reserve Officer Training Corps (NJROTC)
**Course Name:** Naval Science 3 (1802320)
**Prerequisite:** Naval Science 1A and 1B
**Recommended:** Grades 10-12
**Description:** This is a follow-on course to Naval Science II. Seniors may not take this course except as part of a curriculum that will include the completion of two full credits in Naval Science prior to graduation. Naval Science III is offered during the fall and spring terms. Naval Science III covers Naval Knowledge (Sea Power and National Strategy, Naval Operations and Support Functions, Military Law, and International Law and the Sea) and Naval Skills (Ship Construction and Damage Control, Marine navigation, Rules of the Road and the Maneuvering Board and Naval Weapons and Aircraft)

**Credit:** 1

**Program Name:** Naval Junior Reserve Officer Training Corps (NJROTC)
**Course Name:** Naval Science 4 (1802330)
**Prerequisite:** Naval Science 2 or 3
**Recommended:** Grades 10-12
**Description:** This is the “senior” leadership seminar for the Naval Science Program. Participation in this seminar is limited to those students who, having completed the prerequisite course, have demonstrated writing ability and analytical skills necessary to do independent work. This course is offered only during the spring term.

**Credit:** 1
SCIENCE

Program Name: Naval Junior Reserve Officer Training Corps (NJROTC)
Course Name: Leadership Skills Development (2400300)
Prerequisite: NJROTC Cadets who have demonstrated outstanding leadership potential as determined by the Senior Naval Science Instructor and the Naval Science Instructor. Strong academic record. Active involvement in curricular and extracurricular activities of the program. Excellent physical fitness. Success in leadership training. Graduation from NJROTC Leadership Academy.
Recommended: Grades 11-12
Description: Cadets accepted for these courses serve as Officers and Senior Petty Officers on the program Staff and as Platoon Leaders or interns, responsible for the indoctrination and training of junior cadets.
Credit: 1

Course Name: Anatomy/Physiology (2000350) Level 2
Prerequisite: Completion of Biology I and Physical Science
Recommended: This course is a medically oriented program for those students interested in a career in biomedicine, emergency technology, or allied oriented medical field. Grades 11 & 12
Description: This course involves high technology in the field, including but not limited to computer simulation and virtual dissection. Laboratory experiences are part of the course.
Credit: 1

Course Name: AP Biology (2000340)
Prerequisite: Honors Physical Science; Honors Biology; Honors Chemistry (or Chemistry with teacher recommendation); Teacher Recommendation
Recommended: Grade 12 (2nd Semester)
Description: The purpose of this course is to enable students to develop knowledge of Natural history and Ecology by expanding and applying biological concepts introduced in 2000320 - Biology I Honors. The content shall include, but not limited to, the implementation of scientific processes, the use of laboratory technologies and terminology, and an in-depth investigation of the properties of life through content specified by the Advanced Placement Program. Laboratory experiences are part of the course. Students will take the Biology AP Exam.
Credit: 1

Course Name: AP Chemistry (2000370) Level 3
Prerequisite: Chemistry 2 and Algebra 2.
Recommended: Minimum 3.0 GPA in Math and Science
Description: This is an advanced Chemistry course intended for students who plan to major in science or engineering in college. This course will include equilibrium and non-equilibrium topics along with organic and inorganic molecular configurations. It will have comprehensive laboratory work. Students taking this course must be committed to working significant amounts of hours outside of the classroom. Students will take the national Advanced Placement Exam in May. Scores of 3-5 are considered passing by most colleges and universities for awarding college credits.
Credit: 1

Course Name: Biology 1 (2000310) Level 2
Prerequisite: Physical Science
Description: This course includes exploratory experiences and activities in the fundamental concepts of life noting the interactions of science with technology and society. The content includes cell biology basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants, animals, and the human body, as well as, ecological relationships. Laboratory activities involve scientific methods, measurements, laboratory apparatus, and emphasizing lab safety.
Credit: 1

Course Name: Biology 1 Honors (2000320) Level 3
Prerequisite: Must have Level 3 Statewide Assessment Reading scores and also have Physical Science Honors or teacher recommendation.
Recommended: None
Description: The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. The topics discussed are scientific method, scientific measurement. Laboratory safety and use of laboratory apparatus, biochemistry, cell biology, cell reproduction, genetics, biological changes through time, classification and taxonomy, microorganisms and disease, structure and function of plants, structure and function of animals, human biology, and ecological relationships.
Credit: 1

Course Name: Chemistry 1 (2003340) Level 2
Prerequisite: Algebra 1, Physical Science
Recommended: Grades 10-12; 2.5 GPA in Math and Science, or its equivalent with grade “C” or better
Description: This course includes the study of the composition, properties and changes associated with matter, including the clarification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, stoichiometry, and reaction rates. Laboratory activities involve scientific methods, measurement, laboratory apparatus, emphasizing lab safety and concepts studied.
Credit: 1
**Course Name:** Chemistry 1 Honors (2003350) Level 3  
**Prerequisite:** Must have Biology Honors or Biology teacher recommendation. Algebra 1 or its equivalent with grade “C” or better (CHS only)  
**Recommended:** Grades 10-12, 3.0 GPA in Math and Science  
**Description:** This course provides a rigorous study of composition, properties and changes associated with matter for college bound student. The application of mathematics to the concepts covered is an integral part of the course. The use of the scientific methods, measurements and safety procedures will be emphasized.  
**Credit:** 1

**Course Name:** Chemistry 2 (2003360) Level 3  
**Prerequisite:** Chemistry 1 or Chemistry 1 Honors, Algebra 2, Physical Science  
**Recommended:** Grade 12  
**Description:** This course is a sequel to Chemistry I. It provides students who intend to major in science or engineering in college with a more in-depth knowledge of the central science. Course content includes but not limited to thermal chemistry, acids and bases, reaction rates and equilibrium, redox reaction, and nuclear and organic chemistry. Curriculum may include: laboratory activities, computer simulation, general research, and class presentations. This course is highly recommended for students preparing for SAT II chemistry exam. Students pursuing a science career would benefit from this course.  
**Credit:** 1

**Course Name:** AP Computer Science Principles (0200335)  
**Prerequisite:**  
**Required:** Participant in Academy of Computer Science (See Page 6)  
**Description:** Explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Participate in hands-on, laboratory and field investigations to apply scientific principles, concepts, and methodologies in order to better understand our natural systems and to critically think about environmental issues and potential solutions.  
**Credit:** 1

**Course Name:** AP Computer Science A Innovation (0200325)  
**Prerequisite:** AP Computer Science Principles  
**Required:** Participant in Academy of Computer Science (See Page 6)  
**Description:** Understand core aspects of computer science which you can use to create solutions that are understandable, adaptable, and when appropriate, reusable. The design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science. This includes the development and analysis of algorithms and fundamental data structures, and the use of logic and formal methods.  
**Credit:** 1

**Course Name:** Earth/Space Science (2001310) Level 2  
**Prerequisite:** Biology, Physical Science  
**Recommended:** Grades 11-12  
**Description:** This course includes exploration of the universe combined with in-depth study of the earth, its composition, structure, and history, as well as, surface and subsurface activity. Laboratories and practical experience constitute an integral part of the course.  
**Credit:** 1

**Course Name:** Environmental Science (2001340) Level 2  
**Prerequisite:** Physical Science, Biology  
**Required:**  
**Description:** Explore and Investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Participate in hands-on, laboratory and field investigations to apply scientific principles, concepts, and methodologies in order to better understand our natural systems and to critically think about environmental issues and potential solutions.  
**Credit:** 1

**Course Name:** Marine Science I (2002500) Level 2  
**Prerequisite:** Biology, Physical Science  
**Recommended:** Grades 11-12  
**Description:** This course provides a survey of marine life, ecology of the sea, marine communities, classification, taxonomy, characteristics of the major phyla, as well as man's interaction with the ocean. Laboratories involve scientific methods, animal dissections, measurement, laboratory apparatus, and emphasize lab safety.  
**Credit:** 1

**Course Name:** Physical Science (2003310) Level 2  
**Prerequisite:**  
**Recommended:**  
**Description:** This is a lab-oriented course designed to teach students to apply basic process skills as tools for scientific investigation and problem solving. In addition, students will learn the basic physical concepts employed in chemistry and physics. These concepts include but are not limited to metric system, acids, bases and salts, organic and inorganic compounds, relationships between force, mass, and acceleration, electromagnetic, radioactive and nuclear energy, and science technology within societies.  
**Credit:** 1

**Course Name:** Physical Science Honors (2003320) Level 3  
**Prerequisite:** Statewide Assessment Reading, Writing and math must be three or higher. *All third or fourth year classes must have Physical Science and Biology prerequisites  
**Recommended:**  
**Description:** The purpose of this course is to provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities. The content should include, but not be limited to unified concepts and processes of science, structure of atoms, structure and properties of matter, chemical reactions, entropy and conservation of energy, interactions of energy and matter, motions and forces, interactions among science, technology, and society  
**Credit:** 1
SOCIAL STUDIES

Course Name: US Government (2106310) Level 2
Prerequisite:
Recommended: Grade 12
Description: This course provides opportunities to acquire an understanding of American government and political behavior. The content includes political traditions, the Bill of Rights and the Constitution, local, state, and national government roles, and the rights and responsibilities of American citizens.
Credit: 1

Course Name: US Government Honors
Prerequisite: A.P. American History or American History and teacher recommendation
Recommended: Grade 12
Description: This course provides a look at the American Government system with emphasis on the constitution, electoral process, three branches of Federal government, political parties, pressure groups and current issues.
Credit: .5

Course Name: United States History (2100310) Level 2
Prerequisite: World History
Recommended: Description: This course provides opportunities to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our nation.
Credit: 1

Course Name: American National Government (POS 2041-P)
Prerequisite: Dual Enrollment criteria
Recommended: Grade 12, American History, ACT score of 21
Description: This is a dual enrollment course. Particular attention is devoted to the constitution, the three branches of the federal government, parties, pressure groups and current issues.
Credit: .5 *or College of Central Florida Campus

Course Name: AP Human Geography (2103400)
Prerequisite:
Recommended: Description: The purpose of this course is to enable students to develop higher levels of concepts and skills related to human geography. The content should include but not be limited to regions, population studies, cultural concepts and spatial representation, political geography, land use, urbanization, issues related to space, place, and scale, and economic geography.
Credit: 1

Course Name: AP World History (2109420) Level 3
Prerequisite: World Geography
Recommended: Minimum 3.0 GPA in Social Studies and English, completion of AP English or AP American History
Description: Students will receive intense and comprehensive instruction in the history of the world from ancient times to the modern era. Students will be provided with an understanding of changes and processes as they relate to the development of humanity. They will analyze events including the political, economic, social, religious, military, scientific and cultural events that have shaped and molded humanity. Assignments include extensive reading and writing, including a research paper or project. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: 1

Course Name: Advanced Placement United States History (2100330) Level 3
Prerequisite: World History
Recommended: Minimum 3.0 GPA in Social Studies and English
Description: Students will receive intense and comprehensive instruction in the history of the United States from the discovery of to the modern era. Students will be provided with an understanding of changes and processes as they relate to the development of America. They will analyze events including the political, economic, social, religious, military, scientific and cultural events that have shaped and molded America. Assignments include extensive reading and writing, including a research paper or project. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: 1
Course Name: Advanced Placement United States Government and Politics (2106420) Level 3 course
Prerequisite: World and American History
Recommended: American History Honors or AP American History with an overall 3.0 or higher in Social Studies courses.
Description: This course provides students with a critical perspective of politics and government in the United States. It will include the general concepts used to understand American politics and analyze specific case studies. Topics will also include various institutions, groups, beliefs, and ideas that constitute the American political perspective. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: .5 Will meet graduation requirement for American Government

Course Name: Advanced Placement European History (2109380) Level 3
Prerequisite: World or American History
Recommended: Honors World History or AP World History OR Honors American History or AP American History with an overall 3.0 or higher in Social Study courses.
Description: This course provides opportunities for students to examine the development of Europe to gain a better understanding of its future relations within the global community. Students will be asked to 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. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: 1

Course Name: Advanced Placement Microeconomics (2102360) Level 3
Prerequisite: World and American History
Recommended: American History Honors or AP American History with an overall 3.0 or higher in Social Studies courses.
Description: This course provides opportunities for students to acquire decision-making tools and knowledge that will allow them to understand the organization of society in satisfying limited resources with unlimited wants. Topics will include basic fundamental economic concepts such as scarcity, exchange, and money. In addition, students will be asked to closely examine microeconomic concepts such as supply and demand, competition, and the role of government. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: .5 Will meet graduation requirement for Economics

Course Name: Advanced Placement Macroeconomics (2102360)
Prerequisite: World and American History
Recommended: American History Honors or AP American History with an overall 3.0 or higher in Social Studies courses.
Description: This course provides opportunities for students to acquire decision-making tools and knowledge that will allow them to understand the organization of society in satisfying limited resources with unlimited wants. Topics will include basic fundamental economic concepts such as scarcity, exchange, and money. In addition, students will be asked to closely examine macroeconomic concepts such as supply and demand, competition, and the role of government. Students will take the national Advanced Placement Exam in May. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: .5 Will meet graduation requirement for Economics

Course Name: Advanced Placement Psychology (2107350) Level 3
Prerequisite: World or American History
Recommended: American History Honors or AP American History with an overall 3.0 or higher in Social Studies courses.
Description: 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. Scores of 3 or above are considered by most colleges and universities for awarding college credit.
Credit: 1

Course Name: Economics with Financial Literacy (2102335) Level 2
Prerequisite:
Recommended: Grade 12
Description: This course provides first-hand opportunities to study and understand the criminal justice system. It includes the study of juvenile law, rights of the accused, and a critical analysis of courtroom procedures.
Credit: .5

Course Name: Law Studies (2106350) Level 2
Prerequisite:
Recommended: Grades 10-12
Description: This course provides opportunities for students to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals.
Credit: .5

Course Name: Psychology I (2107300) Level 2
Prerequisite:
Recommended: Grades 11-12
Description: This course provides opportunities for students to acquire an introductory understanding of philosophy. Fundamental questions will be addressed concerning the meaning of life and religious and scientific thought. Students will be introduced to the definition of philosophy, classical and modern philosophies, and philosophers. This course requires a large amount of reading, writing, and analyzing materials presented.
Credit: .5
Course Name: Sociology (2108300) Level 2
Prerequisite: Grades 11-12
Description: This course provides opportunities to acquire an understanding of group interaction and its impact on individuals. The content includes social institutions and norms, social classes, group behavior, the socialization process and the role of social organizations.
Credit: .5

Course Name: World Cultural Geography (2103300) Level 2
Prerequisite: Recommended: Grades 11-12
Description: This course provides opportunities for acquiring an understanding of the interrelationships between people and their environment. Course content includes how geography affects the economy of a people and how geographic barriers create divisions among peoples and nations. Other areas of study include the relationship of ethnicity, culture and religion to the economic development of a people, the relationship between government and business and the development of natural resources. Concepts to be developed include standard of living, per capita income, population development, and the interrelationship of natural resources and geography.
Credit: 1

Course Name: World History (2109310) Level 2
Prerequisite: World Geography
Recommended: Recommended: World Geography
Description: This course provides opportunities to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity.
Credit: 1

Course Name: World History Honors (2109320) Level 3
Prerequisite: World Geography
Recommended: Statement Assessment Reading Achievement Level 3 or higher
Description: This course provides the students an opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it is related to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. A research paper or project is required in this course.
Credit: 1

Course Name: Sociology (2108300) Level 2
Prerequisite: Grades 11-12
Description: This course provides opportunities to acquire an understanding of group interaction and its impact on individuals. The content includes social institutions and norms, social classes, group behavior, the socialization process and the role of social organizations.
Credit: .5

Course Name: World Cultural Geography (2103300) Level 2
Prerequisite: Recommended: Grades 11-12
Description: This course provides opportunities for acquiring an understanding of the interrelationships between people and their environment. Course content includes how geography affects the economy of a people and how geographic barriers create divisions among peoples and nations. Other areas of study include the relationship of ethnicity, culture and religion to the economic development of a people, the relationship between government and business and the development of natural resources. Concepts to be developed include standard of living, per capita income, population development, and the interrelationship of natural resources and geography.
Credit: 1

Course Name: World History (2109310) Level 2
Prerequisite: World Geography
Recommended: Recommended: World Geography
Description: This course provides opportunities to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity.
Credit: 1

Course Name: World History Honors (2109320) Level 3
Prerequisite: World Geography
Recommended: Statement Assessment Reading Achievement Level 3 or higher
Description: This course provides the students an opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it is related to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. A research paper or project is required in this course.
Credit: 1
Post Secondary Opportunities

College of Central Florida

College of Central Florida students with strong academic record and high college entrance exams (ACT/SAT) may qualify for the dual enrollment. See Page 5 in this Guide for Dual Enrollment criteria.

Withlacoochee Technical College

Withlacoochee Technical College is a post-secondary facility accredited by the Council on Occupational Education and AdvancED that accepts co-enrolled high school students into appropriate programs if space is available. High School students may take classes at their home school for half of the day and attend WTC for the other half. WTC provides the high school student the opportunity to obtain valuable skills and knowledge for a career in a technical field without having to pay for tuition or books.

ED2GO

Withlacoochee Technical College offers more than 300 non-credit online Ed2Go courses that start as low as $95. These online courses are informative, fun, convenient, and highly interactive. Our instructors are famous for their ability to create warm and supportive communities of learners. All courses run for six weeks (with a two-week grace period at the end). Courses are project-oriented and include lessons, quizzes, hands-on assignments, discussion areas, supplementary links, and more. You can complete any course entirely from your home or office any time of the day or night. For more information visit our Online Instruction Center today at www.ed2go.com/wti or phone (352) 726-2430 x4360.

A Snapshot of what WTC has to offer...

Post-Secondary Opportunities that Lead to Rewarding Careers

- AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY
- WELDING TECHNOLOGY
- AUTO COLLISION REPAIR AND REFINISHING
- AUTOMOTIVE SERVICE TECHNOLOGY
- COMMERCIAL FOODS AND CULINARY ARTS
- NETWORK SYSTEMS ADMINISTRATION
- CORRECTIONAL OFFICER
- COSMETOLOGY
- AUTOMATION AND PRODUCTION TECHNOLOGY
- ELECTRICITY
- INDUSTRIAL MACHINERY MAINTENANCE AND REPAIR
- SCHOLARSHIPS
- MASSAGE THERAPY
- MEDICAL ADMINISTRATIVE SPECIALIST
- FLORIDA LAW ENFORCEMENT ACADEMY
- PATIENT CARE ASSISTANT
- PRACTICAL NURSING
- CALL 352-726-2430 FOR INFORMATION
- ADULT BASIC EDUCATION
- APPLIED ACADemics FOR ADULT EDUCATION
- CAREER COUNSELING
- TECHNOLOGY SUPPORT SERVICES
- CALL 352-726-2430 FOR INFORMATION
- APPLIED CYBERSECURITY
- Ed2Go ONLINE CLASSES
- ENGLISH FOR SPEAKERS OF OTHER LANGUAGES
- CALL 352-726-2430 FOR INFORMATION
- INDUSTRY CERTIFICATIONS
- GED® PREPARATION PROGRAMS
- PUBLIC SAFETY TRAINING CENTER
- FOR MORE INFORMATION ABOUT THESE OPPORTUNITIES, PLEASE CALL 352-726-2430 EXT. 4326 OR VISIT www.wtcollege.org