Advanced Placement
Service Courses
ROTC
Theater
Math
Physical Education
Art & Music
History
Foreign Language
BUSINESS & TECHNOLOGY

WHAT WILL YOU CHOOSE?

2016 - 2017
Mission Statement

Lake Howell High School is committed to developing students to their fullest intellectual and social potential in an atmosphere of mutual trust, respect, and collaboration. We provide students with excellent academic and vocational programs using a flexible and relevant curriculum, challenging them to produce their best work and accommodating for individual differences and learning styles. We encourage cooperation among the family, the school, and the community as the best means to ensure that our students assume the personal responsibilities needed for them to reach their greatest potential and become responsible citizens and active, life-long learners in the work force and the global community.

"Step onto the campus of Lake Howell High School and you have stepped into a world of opportunities. Embrace the chance for new experiences, new friends, and new knowledge. Rise to the occasion - shape your identity thereby shaping your future. Take advantage of the guidance, support, and platform to navigate your way amidst the challenges that determine your values and goals. Remain vigilant to the pathway of success. As a Silver Hawk, open your heart and mind to the future of excellence that eagerly awaits you."

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Dear Students and Parents:

Please take the time to review the Capstone, Lake Howell High School’s Curriculum Guide. Elective course selection is available to students based on FSA levels and EOC levels from the previous year. Students who are struggling with the state required graduation tests (SSS FSA reading, math, science and writing and state EOC tests) will be placed in the appropriate course designed for academic improvement. Ninth grade courses and grades are very important and should be selected to provide the foundation for future advanced courses. Keep in mind that all high school credits are listed on school transcripts. Use the four-year planner and keep it for future course selection. Remember that college entrance requirements are more challenging than high school graduation requirements. Review the Bright Futures Scholarship program and develop a strategy to qualify during your high school career.

**Due to budget cuts, the master schedule is extremely tight. Please take care in selecting your courses because course change availability will be very limited.**

21st Century Choices for all 21st Century Students: Lake Howell High School recognizes that today’s students learn in different ways, at different rates, and on different schedules. Our school now offers the flexibility to accommodate today’s students and families through a variety of choice programs that include virtual options for full-time and part-time virtual coursework for students in all grades. These programs offer a wide-range of acceleration opportunities, including credit recovery, remediation through blended schedules that permit students to take some face-to-face courses and some virtual courses, depending on each student’s most optimal learning situation.

In utilizing the available resources at LHHS, don’t hesitate to seek assistance from teachers, administrators, and school counselors. We are available through email and voicemail. Plan carefully so your 2016-2017 school year is a successful one.

Sincerely,

Frank L. Casillo  
Principal

---

**SCHOOL STAFF**  
Principal: Frank Casillo

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Office</td>
<td>Maryanne Darlin</td>
<td>407-746-9050</td>
</tr>
<tr>
<td>Principal’s Secretary</td>
<td>Lance Abney</td>
<td>407-746-9001</td>
</tr>
<tr>
<td>Assistant Principal</td>
<td>Tonya Manderville</td>
<td>407-746-9004</td>
</tr>
<tr>
<td>Assistant Principal</td>
<td>Toni Norton</td>
<td>407-746-9008</td>
</tr>
<tr>
<td>Assistant Principal</td>
<td>Jose Sanchez</td>
<td>407-746-9003</td>
</tr>
<tr>
<td>Assistant Principal</td>
<td>Nancy Diaz</td>
<td>407-746-9002</td>
</tr>
<tr>
<td>School Administration Manager</td>
<td>Tom Oliver</td>
<td>407-746-9079</td>
</tr>
<tr>
<td>Dean of Students</td>
<td>Cindy Frank</td>
<td>407-746-9006</td>
</tr>
</tbody>
</table>
REGISTRATION PROCESS

As students, you should register carefully, selecting courses that you may eventually need along with those that particularly interest you.

At the beginning of the spring term, you will be asked to review which courses you would like to consider for the 2016-2017 school year. This information is needed to permit the administration, counselors, and teachers to plan next year's school program. You should meet with your guidance counselor to complete a registration form indicating your course choices for the upcoming year, if you need advice. Summer school and Virtual School options can also be discussed.

Please remember that you will be taking a total of seven credits during the 2016-2017 school year. This means you will list seven full credit classes and alternates or a combination of classes which totals seven credits. Please take special care in listing all courses and alternates requested, for your decisions will be binding. Input from your parents, teachers and guidance counselors should be considered in preparing your registration card.

Instructions for Completing the Registration Form:

1. Correct and complete missing information at the top of the registration card.
2. List your required course selections and have your teacher sign off on them.
3. List the electives you have selected in the order of priority.
4. Student signature and parent signature are required.

➢ Bring your registration card during your scheduled time in the media center.
➢ Make all selections carefully as they will be binding.
➢ Classes will be entered by code electronically through Student Access in Skyward.
➢ A letter of override request from the parent must accompany any course not approved for the student by the teacher or during the guidance consultation process.

Schedule change policy:

Your schedule for next year will be available for pick up during pre-school processing late summer.

It is the student’s responsibility to follow the procedures established to review their schedule and request corrections for any errors.

Notice to Students and Parents

In an effort to provide educational enhancements to students, beyond the curriculum routinely offered, donations in certain courses historically have been collected in Seminole County Public Schools on a voluntary contribution basis. Every encouragement is given to students and parents at Lake Howell High School in continuing the practice of course embellishment that these fees make possible. While such assistance is a particular requirement to maintain current practices, no student shall be denied opportunity to take any course or to participate fully in all aspects of a course in which donations are sought. Thank you for your understanding and for your commitment to excellence.

Band, Chorus, and Dance classes will require additional time commitments such as summer and winter camps, after school practices and weekend activities. Competitions are considered extracurricular activities in which fees may be required for items such as uniforms, dry cleaning and clinics.
In the spring of 2013 the Florida Legislature created new diploma options for the students of Florida. In doing so, they have offered students more choice as well as an opportunity to align their education to their future college and career plans. In Seminole County we refer to these new choices as Diploma Pathways. We call them Pathways because we believe that students should use their time in high school to embark on their own personal Pathway to success. Students may now choose a Pathway that will result in a standard high school diploma, a high school diploma connected with industry certification, or a diploma designed to rigorously prepare them for the university setting.

In the chart below you will find the Diploma Pathways and the corresponding expectations associated with each one. In addition to those offered by the state of Florida, Seminole County also offers the Scholars with Distinction Pathway. This very rigorous Pathway will challenge even the most talented and dedicated students to an even higher level of academic accomplishment.

Seminole County will start each and every student on the Scholars Pathway. We want to ensure that students are setting their academic goals high as they begin high school. Through performance and self-selection, students and their families may opt to change Pathways as they progress through high school. Our goal is to have all students qualify to earn a Scholars Pathway diploma. In the end, whether it is a Standard Pathway diploma, a Merit Designation Pathway (Industry Certification) diploma, a Scholars Pathway diploma, or a Scholars’ with Distinction Pathway diploma, we want every student in Seminole County to exit our school system as a graduate.

Your administrators and counselors are available to provide further guidance on what each of the Pathways requires.

### DIPLOMA PATHWAY REQUIREMENTS

<table>
<thead>
<tr>
<th>Class of 2017-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD DIPLOMA PATHWAY</strong></td>
</tr>
<tr>
<td>REQUIREMENTS (must include (1) online course)</td>
</tr>
<tr>
<td>4 English Credits (English 1 – English 4) or equivalent accelerated course</td>
</tr>
<tr>
<td>4 Math Credits Grades (9-12) (must include Algebra 1 &amp; Geometry)</td>
</tr>
<tr>
<td>4 Science Credits (must include Biology and (3) courses must contain a lab component)</td>
</tr>
<tr>
<td>3 Social Studies (must include US History, World History, 0.5 US Government &amp; 0.5 Economics with Financial Literacy)</td>
</tr>
<tr>
<td>1 Fine or Performing Arts, Speech &amp; Debate or Practical Art</td>
</tr>
<tr>
<td>½ Personal Fitness and ½ PE Elective</td>
</tr>
<tr>
<td>9 Elective Credits</td>
</tr>
<tr>
<td>TESTING REQUIREMENT</td>
</tr>
<tr>
<td>Passing Score on: Grade 10 ELA &amp; Algebra 1 EOC</td>
</tr>
<tr>
<td>EOC’s in Algebra 1*, Geometry*, Algebra 2 (if enrolled)*, Biology &amp; US History will count as 30% of the students overall grade</td>
</tr>
<tr>
<td>*Special Note: 30% not applicable if enrolled in the 2014-2015 school year</td>
</tr>
</tbody>
</table>

| **SCHOLARS DIPLOMA PATHWAY** |
| REQUIREMENTS OF A STANDARD DIPLOMA PLUS: |
| *Earn (1) credit in Algebra 2 |
| *Earn (1) credit in Statistics or equally rigorous mathematics course |
| *Earn (1) credit in Chemistry or Physics |
| *Earn (1) credit in science course equally rigorous to Chemistry or Physics |
| *Earn (2) credits in the same foreign language course |
| *Earn (1) credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course |
| TESTING REQUIREMENT |
| Class of 2016 and 2017: Passing Score on Grade 10 ELA, Algebra 1 EOC, Biology EOC, & US History EOC |
| Class of 2018 and 2019: Passing Score on Grade 10 ELA, Algebra 1 EOC, Biology EOC, US History EOC, Geometry EOC, and Algebra 2 EOC |

| **MERIT DIPLOMA PATHWAY** |
| REQUIREMENTS OF STANDARD DIPLOMA PLUS: |
| *Attain one or more Industry Certifications from the list established under S. 1003.492 F. S |
| ***Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra 1, Geometry and Biology*** |
| TESTING REQUIREMENT |
| SAME AS THE STANDARD DIPLOMA |

| **SCHOLARS WITH DISTINCTION DIPLOMA PATHWAY** |
| REQUIREMENTS OF A SCHOLARS DESIGNATION PATHWAY PLUS: |
| • Cumulative Weighted Grade Point Average of 3.75 or higher |
| • (3) Consecutive years in the same World Language |
| • (6) credits in AP or IB classes earning a grade of A or B or (4) AP or IB and (2) Dual Enrollment Credits |
| • (1) credit in Experimental Research or equivalent with a grade of A or B or (1) Extended Essay, Senior Portfolio or 4th year of World Language or (1) extra AP, IB or Dual Enrollment Credit. |
| TESTING REQUIREMENT |
| SAME AS THE SCHOLARS DESIGNATION PATHWAY |
ADDITIONAL GRADUATION REQUIREMENTS

1. The 10th grade Florida Standards Assessment (FSA) and Algebra I End of Course exams must be passed.
2. One online course must be completed.
3. Earned an unweighted Cumulative Grade Point Average (GPA) of at least 2.0.
5. Florida Bright Futures Scholarship programs have prescribed courses. Please see page 7 for specific information regarding these programs.

ADDITIONAL CREDIT AVENUES

Students may earn additional credit toward graduation through any of the following programs for which they are eligible.

1. Seminole County Virtual School and/or Florida Virtual High School
2. Students may be awarded high school elective credit in the eighth grade for the following courses:
   a) Algebra 1 Standard, (A or B), Algebra 1 Honors and Geometry Honors. The student must successfully complete and demonstrate mastery of the performance standards. (Elective credit will be awarded for math classes completed in middle school.)
   b) Foreign language. The student must successfully complete the course and demonstrate mastery of the performance standard.
3. Credit by Examination
4. Dual Enrollment - courses must be creditable to high school graduation. Students should see their Guidance Counselor for Dual Enrollment Course recommendations and approval. The Principal reserves the right to final approval of all Dual Enrollment Courses.

TECHNOLOGY USE IN LEARNING, MOTIVATION AND RECOGNITION

Seminole County Public Schools believe technology is a valuable educational tool. All classroom teachers use technology as an instructional tool. Some examples of such activities are:

- Use of the Internet to access encyclopedias, magazines, the district’s media library catalog, web sites for educational projects, on-line district and state classes and to conduct research in preparation for a project or presentation.
- Students are photographed or videotaped for the purposes of daily school news broadcasts and yearbooks. Photographs or videos of students are also placed on school/district web pages as a form of recognition for special achievements, activities, projects and as a motivation to be creative.
- Student works are published on the Web (Internet) to share stories, poems, and other creative works with other students and the school community and to provide motivation for writing.

If you wish to have your student excluded from any of the preceding activities, exclusion (opt-out) forms are available on the district website and at your student’s school.

*SUMMER SCHOOL 2016*

High school summer school 2016 will be held at select high schools. A list of summer school courses and the high schools offering summer school will be available in the Spring. Honors level courses will NOT be available for acceleration during summer school.

A few courses, typically not offered at individual school sites due to a lack of demand from one school (but the course is demanded in the district), will be scheduled at designated sites for enrollment by any student in the district. No student may be absent from summer school. Any student who is absent will be withdrawn from summer school with no academic penalty.

A four day week is planned for summer school 2016. This allows for a longer weekend to accommodate activities for which a student may request to be absent from school.

Students zoned for Lake Howell will attend Summer School at Winter Springs High School.

The tentative schedule for summer school 2016 is:

<table>
<thead>
<tr>
<th>Session 1</th>
<th>June 2 &amp; 3 – June 20</th>
<th>7:20 am – 1:18 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 2</td>
<td>June 21 – July 14</td>
<td>7:20 am – 1:18 pm</td>
</tr>
<tr>
<td></td>
<td>(Schools are closed the week of 7/4 - 7/7)</td>
<td></td>
</tr>
</tbody>
</table>

In addition, there will be EOC testing during the summer. Dates for EOC testing and EOC Boot Camps will be made available as soon as possible.
DRIVER EDUCATION (AFTER SCHOOL PROGRAM)

1900310  1/2 Credit

**Prerequisite:** Students must be 15 years old and hold a valid Learner’s permit

This program provides students with classroom instruction, range driving and on-the-road driving experience. The program is offered at Lyman, Seminole and Winter Springs High Schools; however, the program is open to any student in Seminole County. This is a semester-long course. Students attend on either Mondays and Wednesdays (or) Tuesdays and Thursdays from 3:15-5:15 PM. **Transportation is not provided.**

* This program is a collaborative effort between Seminole County Government, the municipalities; METROPLAN Orlando and Seminole County Public Schools in an effort to better prepare our teen drivers and enhance the safety on our roadways.

Applications are available in the Guidance Offices at each high school prior to each semester.

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**GRADE FORGIVENESS**

Forgiveness policies for required courses shall be limited to replacing a grade of "D" or "F", or the equivalent of a grade of "D" or "F", with a grade of "C" or higher, or the equivalent of a grade of "C" or higher, earned subsequently in the same or comparable course. Forgiveness policies for elective courses shall be limited to replacing a grade of "D" or "F" or the equivalent of a grade of "D" or "F", with a grade of "C" or higher, or the equivalent of a grade of "C" or higher, earned subsequently in another course.

**Note:** Eighth grade students taking high school courses according to the Pupil Progression Plan are exempt from the Grade Forgiveness rule.
GENERAL INFORMATION

STUDENT SERVICES
407-746-9018

Students Last Name
Beginning With

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Last Name</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melissa Barney</td>
<td>Counselor</td>
<td>A - Fa</td>
<td>407-746-9062</td>
</tr>
<tr>
<td>Anna Astwood</td>
<td>Counselor</td>
<td>Fe - Ma</td>
<td>407-746-9064</td>
</tr>
<tr>
<td>Vince Geigel</td>
<td>Counselor</td>
<td>Mc - Roc, ELL</td>
<td>407-746-9067</td>
</tr>
<tr>
<td>Joe Martino</td>
<td>Counselor</td>
<td>Rod - Z</td>
<td>407-746-9065</td>
</tr>
<tr>
<td>John Westcott</td>
<td>Counselor</td>
<td>ESE</td>
<td>407-746-9066</td>
</tr>
</tbody>
</table>

GRADUATION OPTIONS

Beginning with the 2003-2004 school year, students may select one of the following graduation options:
* A four-year 26 credit standard program listed above
* A three-year 18 credit standard college prep program
* A three-year 18 credit career prep program

The three year programs require two years of the same foreign language. All credits must be earned in grades 9-11 only. Students will be given a ten day window, only at the time of enrollment and at registration to declare which option they choose to pursue. Unless specified, the 26 credit option is standard. See your counselor for more information and application for the 18 credit options.

ACHIEVEMENT LEVELS

Courses at Lake Howell High School are provided for each student’s developmental level. A multi-level structure has been established to provide for these differences and to provide for more individualized instruction. A recommendation for a particular level will be made by his or her counselor and teachers in each area. The final decision on course selection is the student’s and his or her parents.

Classification by Credit:

Class of 2017 and Beyond
Senior: 19
Junior: 12
Sophomore: 6
Freshman: Promotion from 8th grade
**GRADING SCALE**

The grading scale for all Seminole County Public High Schools will be as follows:

<table>
<thead>
<tr>
<th>LETTER GRADE</th>
<th>PERCENTAGE RANGE</th>
<th>QUALITY POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 100</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>80 - 89</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>70 - 79</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>59 &amp; Below</td>
<td>0</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal passing</td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>Withdrawal failing</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td></td>
</tr>
</tbody>
</table>

**WEIGHTED COURSES**

Grades for *advanced placement* courses shall be weighted as follows:

<table>
<thead>
<tr>
<th>LETTER GRADE</th>
<th>QUALITY POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

Grades for *honors and gifted* courses shall be weighted as follows:

<table>
<thead>
<tr>
<th>LETTER GRADE</th>
<th>QUALITY POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.5</td>
</tr>
<tr>
<td>B</td>
<td>3.5</td>
</tr>
<tr>
<td>C</td>
<td>2.5</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

**POST SECONDARY INFORMATION**

**FINANCIAL AID AND SCHOLARSHIPS**

1. **Financial Aid Forms.** The FAFSA will include forms for the basic Educational Opportunity Grant and the Florida Student Assistance Grant. Under this new procedure, a student will be applying for financial aid from the college or universities, as well as other sources. Students should remember that the financial aid programs are administered by the Financial Aid Department of the college they plan on attending. Financial need is determined by the FAFSA. See your counselor for any further explanation.

2. **College Work Study.** Programs provide part-time employment while attending college and are based on financial need.

3. **Grants.** Grants are gift awards made on the basis of financial need. Presently the Educational Opportunity Grant is widely used. A FAFSA is required to be considered for grants.

4. **Scholarships.** These are gift awards and are presented on the basis of special ability. Financial need is usually considered and offered by fraternal, social and civic organizations.

5. **PSAT/National Merit Examination.** These examinations are given during the fall of a student's junior year to determine national finalists. Students take the exam their 10th grade year for practice.

6. **Academic Awards.** Most colleges and universities offer academic scholarships to students who are high in academic standing or show academic promise.

7. **Loans.** Loans are available from private banks, the Federal government or the universities themselves.
FLORIDA'S BRIGHT FUTURES SCHOLARSHIP PROGRAM

Eligibility requirements for High School Applicants **Graduating 2016-2017**
Initial eligibility requirements must be met prior to graduation from a Florida public high school or a registered FDOE private high school. Students must apply by submitting a Florida Financial Aid Application at www.FloridaStudentFinancialAid.org during their last year in high school, prior to their high school graduation.

<table>
<thead>
<tr>
<th>Florida Academic Scholars Award (FAS)</th>
<th>Florida Medallion Scholars Award (FMS)</th>
<th>Florida Gold Seal Vocational Scholars Award (GSV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 – year college: $103 per credit hour*</td>
<td>4 – year college: $77 per credit hour*</td>
<td>$39 towards a Career Certification Program (PSAV) or Applied Technology Diploma Program (ATD)</td>
</tr>
<tr>
<td>2 – year college: $63 per credit hour*</td>
<td>2 – year college: $63 per credit hour*</td>
<td>$48 towards a Technical Degree Education Program (AA, AAS, CCC)</td>
</tr>
<tr>
<td>3.5 weighted <strong>academic</strong> GPA (16 credits)</td>
<td>3.0 weighted <strong>academic</strong> GPA (16 credits)</td>
<td>3.0 weighted GPA for graduation requirements. 3.5 GPA in 3 vocational courses.</td>
</tr>
</tbody>
</table>

| 100 hours of approved Community Service | 75 hours of approved Community Service | 30 hours of approved Community Service |

**SAT Score** – 1290  
**ACT Score** – 29

Note: the new writing sections for both the SAT and ACT will not be used in the composite.

SAT Subject Tests are not used for Bright Futures eligibility.

ACT scores are rounded up for scores of .5 and higher.

**SAT Score** – 1170  
**ACT Score** – 26

Note: the new writing sections for both the SAT and ACT will not be used in the composite.

SAT Subject Tests are not used for Bright Futures eligibility.

ACT scores are rounded up for scores of .5 and higher.

**SAT Score**:  
Critical Reading 440  
Math 440

**ACT Score**:  
English 17  
Reading 18  
Math 19

**PERT Score**:  
Reading 104  
Writing 99  
Math 113

All information contained within is subject to possible revision. Visit www.floridastudentfinancialaid.org *Awards subject to change with each legislative session*
Seminole County Public Schools offers a variety of choice options to empower students to customize their **educational pathway in preparation for college and careers**. These options include Magnet Schools and Programs, Programs of Emphasis, Career and Technical Education, Virtual School, After School Courses, and School Transfers. Each option has a unique application process and eligibility requirements.

The following information and program descriptions acquaint students and parents with the additional high school **choices** they can consider.

### Magnet Schools/Programs

Magnet programs address individual interests and provide students with educational opportunities that take them beyond traditional instructional experiences.

Acceptance into a magnet school/program is by application only. By signing the required program application, parents and students agree to commitment statements which include academic standards, attendance, conduct, and honor code.

**ELIGIBILITY:** Students must reside in Seminole County and submit a High School Choice Magnet School/Program Application. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Choices website at [http://www.seminoleschoolchoices.us](http://www.seminoleschoolchoices.us)

**TRANSPORTATION:** Transportation for magnet schools and programs is provided to students living more than two miles from the school.

**FOR MORE INFORMATION:** Contact the Choices Department 407-320-0329 and view the website at [http://www.seminoleschoolchoices.us](http://www.seminoleschoolchoices.us)

### Crooms Academy of Information Technology

**Experience IT!** Crooms Academy of Information Technology (AOIT) is Seminole County’s only districtwide magnet high school. Crooms AOIT provides cutting edge innovation in teaching and learning through a technology-enriched environment. Students engage in a rigorous and relevant curriculum that prepares them for post-secondary education with industry-validated technology skills. Students meeting specific criteria will also have the opportunity to earn the credits required for an A.A. degree from Seminole State College as part of their high school curriculum.
**ACADEMY OF HEALTH CAREERS**
Seminole High School

The Academy of Health Careers offers a comprehensive, rigorous academic program of college preparation and uniquely relevant curriculum for students who plan to pursue a career as a health-care professional. The academic courses are combined with the opportunity to gain the initial “building blocks” of health care through Health Science education.

Hands-on learning opportunities enable students to preview various careers through job shadowing and clinical experiences in area hospitals, clinics, medical offices, emergency medical facilities, and veterinary health care sites.

**INSTITUTE FOR ENGINEERING**
Lyman High School

The Institute for Engineering through Project Lead the Way: Pathway to Engineering provides a nationally recognized curriculum that is a highly creative, technology rich, college preparatory program. Students are exposed to a rigorous integrated curriculum infused with relevant industry innovations and technology. This world-class program is designed for the student who would like to pursue a professional career in any area of engineering.

In addition to core engineering courses that provide the foundation, students may take specialization courses that include:

- Aerospace Engineering
- Biotechnical Engineering
- Civil Engineering and Architecture
- Digital Electronics
- Computer Modeling and Simulation

**INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM**
Seminole High School
Winter Springs High School

The International Baccalaureate (IB) Diploma Program is an internationally recognized, rigorous pre-university course of study that incorporates an extensive liberal arts curriculum containing humanities, social studies, foreign language, math, and science. The IB program, affiliated with the International Baccalaureate Organization (IBO), is designed for highly motivated, college-bound students seeking educational challenges. The curriculum is based on international standards and examinations that are evaluated by international educators. Students zoned to Hagerty, Lake Howell, Oviedo, and Winter Springs are eligible to apply for the Winter Springs IB Program. Students zoned to Lake Brantley, Lake Mary, Lyman, and Seminole are eligible to apply for the Seminole IB Program.
PROGRAMS OF EMPHASIS

A Program of Emphasis provides a structured study strand centered on a career pathway. Students who are zoned for the school may select the Program of Emphasis, and a limited number of seats in some of the programs listed in this guide may be available for 9th grade students who are not zoned to the school.

Acceptance for out-of-zone students to a Program of Emphasis is by application only. By signing the required transfer request form, parents and students agree to the commitment statements and understandings on the form.

ELIGIBILITY: Out-of-Zone seats may be available to incoming 9th grade students only, and seats are limited. Students must reside in Seminole County and submit a Program of Emphasis Transfer Request Form. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Choices website at http://www.seminoleschoolchoices.us

TRANSPORTATION: Transportation is NOT provided for Program of Emphasis transfers. Students may seek assistance for transportation if it is available through the Ticket to Ride program. Details may be found on the Choices website.

FOR MORE INFORMATION: In-zone students should contact their guidance counselor, out-of-zone students may contact the Choices Department 407-320-0329 and view the website at http://www.seminoleschoolchoices.us

ADVANCED MANUFACTURING & INNOVATION PROGRAM OF EMPHASIS
Lake Mary High School

NEW FOR 2016-17! The Advanced Manufacturing program gives students the opportunity to design and prototype innovative products using high-tech, industry standard equipment. This program includes industry certification.

BIOSCIENCE TECHNOLOGY PROGRAM OF EMPHASIS
Oviedo High School

The Bioscience Technology Program provides preparation for the career fields of applied biology in industry, medicine, and agriculture. This program includes industry certification.

CULINARY ARTS PROGRAM OF EMPHASIS
Lake Howell High School

The Culinary Arts Program allows students to explore all facets of the culinary field, including entrepreneurship, in an industry-standard commercial kitchen. This program includes industry certification.

CYBERSECURITY PROGRAM OF EMPHASIS
Lake Howell High School

NEW FOR 2016-17! The Cybersecurity Program introduces and prepares students for careers in computer science and cyber-defense in multiple industries. This program includes industry certification.
ENTREPRENEURSHIP PROGRAM OF EMPHASIS
Lake Howell High School
The Entrepreneurship Program curriculum introduces the broad spectrum of business, industry, and small business initiatives. This program includes opportunities to earn dual enrollment credit.

FINANCE ACADEMY PROGRAM OF EMPHASIS
Lake Brantley High School
The Finance Academy Program offers a curriculum comprised of finance and business technology including accounting applications and personal financial planning. This program includes industry certification.

FORENSIC SCIENCE & LEGAL STUDIES PROGRAM OF EMPHASIS
Lake Mary High School
This program of emphasis includes two tracks: Forensic Science uses groundbreaking modern scientific technology in crime scene investigation and Legal Studies teaches the foundations of our legal system. This program includes opportunities to earn dual enrollment credit.

MODELING, SIMULATION, AND ANALYSIS PROGRAM OF EMPHASIS
Hagerty High School
The Modeling, Simulation and Analysis Program teaches students the fundamentals of modeling and simulation, a high-demand, high-wage industry in Central Florida. This program includes industry certification.

RENEWABLE ENERGY PROGRAM OF EMPHASIS
Winter Springs High School
The Renewable Energy Program allows students to study energy technologies and the advantages, disadvantages, and limitations of renewable energy resources for a sustainable future.

TEACHING, LEARNING, & LEADERSHIP PROGRAM OF EMPHASIS
Lyman High School
The Teaching, Learning, & Leadership Program empowers students to embrace their potential future as educators and fosters their knowledge of the education profession. This program includes opportunities to earn dual enrollment credit.
STUDENT SCHOOL TRANSFER OPTIONS

Information about student transfer options for the 2016-2017 school year is available on the Seminole County Public Schools Choices website at http://www.seminoleschoolchoices.com

EXITING A MAGNET SCHOOL PROGRAM OR PROGRAM OF EMPHASIS: Any out-of-zone student who exits a high school choice program will return to his/her zoned school unless there is a Seminole County Public Schools approved transfer that allows the student to remain at the school where the choice program is located. In all years of participation in a magnet school/program and Programs of Emphasis, exits are not permitted during the school year.

ACADEMY OF CONSTRUCTION TECHNOLOGIES

Don’t leave high school with just a diploma—leave with a JOB! The Academy of Construction Technologies (ACT) develops a well-trained workforce in the construction industry by integrating academics and a paid work-site experience when available. ACT offers students in grades 11 and 12 the opportunity to begin a career in high school in building construction, which is offered at Lake Brantley HS, Lake Mary HS, Lyman HS, Seminole HS, and Winter Springs HS. Students must be on track for graduation and have a 2.0 GPA to participate.

WORKPLACE LEARNING

Students in grades 11 and 12 may have the opportunity to participate in a paid or unpaid internship in some of our region’s most in-demand fields. Academic credit will be earned upon successful completion of 136 hours. Students can utilize flexible scheduling to work before, during, or after the school day to gain exposure to real-world working conditions. For more information about workplace learning opportunities, visit the ePathways website: http://www.scps.k12.fl.us/epathways
Virtual school provides flexible options to meet the demanding schedule of the 21st century student. SCPS operates two virtual schools: Seminole County Virtual School (SCVS) is a franchise of Florida Virtual School, and Seminole Academy of Digital Learning (SADL) features curriculum created or purchased by SCPS. Additionally, SCPS contracts with another Florida school district to provide a full-time instruction option.

Student choices include SCVS full-time, SCVS part-time, SADL part-time, or full-time contracted district franchise.

Part-time options through ePathways allow students to take a mixed schedule of face-to-face and virtual classes. The virtual classes can be taken at home during the school day, at the student's school during the school day in a virtual lab or outside the school day. Part-time enrollment for SCVS and SADL is available throughout the school year. Additionally, the district may offer virtual course enrollment over the summer (SCVS 365).

Full-time options allow students to earn a regular Florida high school diploma. Full-time enrollment in SCVS for semester 1 will be open from April 4, 2016 through August 5, 2016.

For more information and a list of available courses please visit http://virtualschool.scps.k12.fl.us/ or call 407-871-7287.

**Why should students select a Seminole County Virtual School over other virtual providers?**
- schedule flexibility
- full-time local teachers
- no waiting list to start classes
- optional face-to-face sessions
- tax-dollars stay in Seminole County

**What high school courses are available through Seminole County Virtual School?**
Courses with a * are available at both Standard and Honors level; H = honors class

**Math:**
- Algebra I*, Geometry*, Algebra II*, Pre-Calculus (H), Calculus (H), Liberal Arts Math 2, Math for College Readiness, AP Calculus AB, AP Calculus BC, AP Statistics

**Language Arts:**
- English I*, English II*, English III*, English IV*, English IV College Prep, AP English Language, AP English Literature

**Social Studies:**

**Sciences:**

**World Languages:**
- French I & II, Spanish I & II, Spanish for Spanish Speakers I
- French III (H) & Spanish III (H) are also available through SADL.

**Electives:**
- 22 options, including Personal Fitness/Fitness Lifestyle Design, Art, Guitar, AP Art History, and much more! See website for complete list.
Students at any SCPS high school may enroll in an after-school Career & Technical Education (CTE) program offered at their high school or any other high school. This class can be taken as either an 8th period or replace one of the student’s 7 classes during the regular school day. The tentative schedule is Tuesday and Thursday afternoons from 3:30-5:30 pm but subject to change at each school site. Students are responsible for their own transportation.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hosting School</th>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace: Private Pilot Operations</td>
<td>Seminole</td>
<td>ATF1103XS</td>
<td>This course develops the aeronautical knowledge required for certification as a Private Pilot with an Airplane Single Engine Land rating. Topics include: regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics, and decision-making. This is a dual enrollment course with Embry-Riddle University.</td>
</tr>
<tr>
<td>Automotive Collision Repair and Refinishing</td>
<td>Seminole</td>
<td>8709010XSH</td>
<td>The Auto Body Repair and Refinishing program of instruction covers all the safety, planning, preparation and painting elements of motor vehicle repairs, with students often using their own vehicles as their hands-on project. Program completers will be prepared for employment as Automotive Body/Related repairers and Automotive Body Repairers. Students enrolled in auto body classes should anticipate heavy lifting and high noise levels. ASE Certified and I-CAR Curriculum.</td>
</tr>
<tr>
<td>Automotive Maintenance &amp; Light Repair 1</td>
<td>Lyman, Oviedo, Seminole</td>
<td>9504110XL, 9504110XO, 9504110XSH</td>
<td>This course provides the student with the theory and practical knowledge of basic automotive systems and principles, including internal combustion engine theory, shop safety, tool usage, shop measurement, use of shop manuals, automotive industry history and development, and preventative maintenance.</td>
</tr>
<tr>
<td>Cosmetology: Grooming and Salon Services Core 1 (.5) &amp; Cosmetology 2 (.5)</td>
<td>Lake Brantley, Lake Howell</td>
<td>8757210XLB &amp; 8905120XLB, 8757210XLH &amp; 8905120XLH</td>
<td>The ideal candidate for the Cosmetology program has a passion for making people feel and look better. Students will practice performing services of the hair, skin, and nails thought this course. Upon completion of this program students will have up to 350 hours towards the state requirement in post-secondary institutions.</td>
</tr>
<tr>
<td>Culinary Arts 1</td>
<td>Lake Howell, Winter Springs</td>
<td>8800510XLH, 8800510XWS</td>
<td>This course is designed for the student who enjoys hands-on experiences with food and wants to learn about the food service industry. Students are exposed to commercial kitchen equipment and procedures and learn the basics of safety and sanitation, recipe execution, measurement conversion and cost control.</td>
</tr>
<tr>
<td>Drafting/Illustrative Design Technology 1</td>
<td>Lake Mary</td>
<td>8600810XLM</td>
<td>This course is designed with emphasis on mechanical drafting. The first three quarters are spent on mechanical drafting and the last quarter is an introduction to architectural drafting. The course includes an introduction to computers and computer aided design (CAD) with work and drawings completed on the CAD systems. Emphasis is placed on neatness and accuracy; a basic understanding of fractions and basic math is essential.</td>
</tr>
<tr>
<td>Interior Design Services Core</td>
<td>Lake Brantley, Oviedo</td>
<td>8506405XLB, 8506405XO</td>
<td>This course includes essential skills, elements, and principles for working in design services, leadership and organizational skills, textile characteristics and care, employability skills, relationship of human factors to design services, and safe use of tools and equipment. A preview of technical design, rendering techniques and introduction to computer aided design (CAD) using Chief Architect will benefit students interested in any type of design career.</td>
</tr>
</tbody>
</table>
Level 1 students are required by the state of Florida to take an Intensive Reading class. Level 2 students are required to receive reading support through either an Intensive Reading class or a regular education class taught by a NGCAR-PD credentialed teacher.
Student who fail a course must repeat the course before advancing to the next level.
9th GRADE
- ENVIRONMENTAL SCIENCE (or) BIOLOGY
- BIOLOGY HONORS

10th GRADE
- BIOLOGY (or) MARINE SCIENCE
- HONORS CHEMISTRY (or) HONORS MARINE SCIENCE

11th GRADE
- MARINE SCIENCE (or) PHYSICAL SCIENCE
- HONORS PHYSICS (or) HONORS CHEMISTRY

12th GRADE
- PHYSICAL SCIENCE (or) CHEMISTRY
- ANATOMY & PHYSIOLOGY

AP BIOLOGY
- AP ENVIRONMENTAL

AP CHEMISTRY
- AP BIOLOGY
- AP ENVIRONMENTAL
- AP PHYSICS 1

FORENSIC SCIENCE – Optional Academic Elective (DOES NOT count as a science credit) – Grades 11 or 12
Social Studies

9th GRADE

AP HUMAN GEOGRAPHY

10th GRADE

WORLD HISTORY
(AP, HONORS OR
STANDARD)

11th GRADE

AMERICAN HISTORY
(AP, HONORS, OR
STANDARD)

12th GRADE

AMERICAN GOVERNMENT +
ECONOMICS W/FINANCIAL
LITERACY
(AP, HONORS OR STANDARD)

IN ADDITION TO THE CLASSES ABOVE YOU CAN ALSO TAKE:

AFRICAN-AMERICAN
HISTORY

LAW STUDIES

SOCIETY

GLOBAL STUDIES

AP PSYCHOLOGY

AP HUMAN GEOGRAPHY

AP EUROPEAN HISTORY
11th or 12th Grade
Lake Howell is offering an innovative new diploma program called AP Capstone™. This program has been developed by College Board at the request of college and university admissions officers and faculty. AP Capstone™ provides the opportunity for students to develop critical thinking, research, and communication skills.

Students in the program will complete two newly-developed AP courses: AP Seminar and AP Research, along with any four other AP courses. These two new courses are uniquely aligned with core habits of mind, practices and skills that research has identified as critical to college and career success. Upon successful completion of both AP Capstone™ courses, four additional AP courses, and a level 3 or higher on these respective AP exams, students will receive the AP Capstone Diploma™.

1700500 AP SEMINAR (1 credit) (Grades 10–11)

This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students are assessed through two through-course performance tasks and a written exam.

1700510 AP RESEARCH (1 credit) (Grades 11–12)

This is the second course in the AP Capstone experience and allows students to design, plan and conduct a yearlong research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students are assessed through culminating performance tasks. Students may concurrently register for Biotechnology (3027010) if their research is science based.

For further information, please see your counselor.
ENTREPRENEURSHIP

PROGRAM OF EMPHASIS

YEAR ONE:
8812110 PRINCIPLES of ENTREPRENEURSHIP (1 credit)
Principles of Entrepreneurship is the entry-level course within the Business Entrepreneurship Program. The purpose of this program is to introduce students to the concept of entrepreneurship as a viable career option, provide students with the skills needed to realistically evaluate their potential as a business owner, and develop the fundamental knowledge and skills necessary to start and operate a business. This course is designed to provide students with an overall understanding of the general processes involved in designing, starting, and managing a successful business venture.

YEAR TWO:
8812120 BUSINESS MANAGEMENT and LAW (1 credit)
prerequisite: Principles of Entrepreneurship
As the second course in the Business Entrepreneurship Program, Business Management and Law is designed to provide an introduction to business management techniques, as well as emphasize the legal concepts significant to business owners and associated with starting a business. This course will continue to build upon the entrepreneurship foundation provided in course one.

YEAR THREE:
8812000 BUSINESS OWNERSHIP (1 credit)
prerequisite: Business Management and Law
As the third course in the Business Entrepreneurship Program, Business Ownership provides significant advancement and opportunity for intensive study in the area of entrepreneurship and small business management. The instruction and curriculum focus on operations and planning, strategic development, implementation of technology, and community and government relations.

YEAR FOUR:
8300430 EXECUTIVE INTERNSHIP (0.5 credit)
GEB2112 ENTREPRENEURSHIP (3 college credit hours/.5 high school credit)
prerequisite: Business Ownership
As the fourth and final course in the Business Entrepreneurship Program, the Executive Internship provides practical and hands-on business experience through the utilization of business partnerships within our community. Students are required to participate and interact with local entrepreneurs and business owners. Additionally, classroom instruction and campus leadership initiatives are used to create a comprehensive learning experience.

The Dual Enrollment course provides business and non-business majors with the skills necessary to succeed as an entrepreneur. The fundamentals of starting and operating a business, developing a business plan, obtaining financing, marketing a product or service and developing an effective accounting system will be covered. Business teacher approval required.
This program is designed for students who enjoy hands-on experiences with food and want to learn about the food service industry. Students are exposed to commercial kitchen equipment and procedures and learn the basics of safety and sanitation, recipe execution, measurement conversions, and cost controls. Years two, three, and four expand on skills and knowledge of the food service industry, including but not limited to multiple-step recipes, participation in the catering, daily functions of the on-campus café, and opportunities to participate in culinary competition teams.

**YEAR ONE:**

8800510 CULINARY ARTS I (0.5 credit)
This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs.

**YEAR TWO:**

8800520 CULINARY ARTS II (1 credit)
Students will learn state mandated guidelines for food service; how to attain food handler training certification; and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

**YEAR THREE:**

8800530 CULINARY ARTS III (1 credit)
Students will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry. Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace. Students will be knowledgeable about food safety manager training/certification training programs that are acceptable in Florida.

**YEAR FOUR:**

8800540 HONORS CULINARY ARTS IV (1 credit)
As part of operating the campus café, students will prepare various meals and food products, including those for individuals with various nutritional needs and/or dietary restrictions. The relationship between nutrition and wellness will be examined. Cost control techniques and profitability will be covered as well as analysis of food establishment menus. Students will also demonstrate basic financial literacy skills.
CYBERSECURITY

PROGRAM OF EMPHASIS

This program 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.

YEAR ONE:

9001310  IT FUNDAMENTALS (1 credit)
This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals and networks.

YEARS TWO – FOUR*:

*Sequence of courses: To Be Determined

9001320  COMPUTER AND NETWORK SECURITY
9001330  CYBERSECURITY ESSENTIALS
9001340  OPERATIONAL CYBERSECURITY
9001350  CYBERSECURITY PLANNING AND ANALYSIS
9001360  DATABASE SECURITY
9001370  SOFTWARE & APPLICATION SECURITY
9001380  WEB SECURITY
9001390  APPLIED CYBERSECURITY APPLICATIONS
Students who do not meet the requirements for satisfactory performance in English language arts, may be placed in an accelerated reading support program.

**1001310** ENGLISH I 
**1001320** ENGLISH I HONORS 
**1001340** ENGLISH II 
**1001350** ENGLISH II HONORS 
**1001370** ENGLISH III 
**1001380** ENGLISH III HONORS 
**1001410** ENGLISH IV HONORS

(1 credit each)

**1008320** HONORS ADVANCED READING 9 
**1005350** HONORS LITERACY IN THE ARTS I 
**1005365** HONORS ADVANCED READING 10 (1 credit) – level 3 FSA tenth graders

**1001420** AP ENGLISH LANGUAGE and COMPOSITION (1 credit)

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language. The course is designed to develop flexible writers who are able to write in various modes for a variety of purposes. Participating colleges and universities may award credit based on the results of the Advanced Placement Examination.

**1001430** AP ENGLISH LITERATURE and COMPOSITION (1 credit)

Students study and discuss great works of literature from various genres and periods. Frequent reading and writing assignments focus on the critical analysis of literature and are designed to develop the students' understanding of style, subject, and audience. Participating colleges and universities award credit based on the results of the Advanced Placement Examination.

**1001405** ENGLISH for COLLEGE READINESS (1 Credit)

This course incorporates reading and writing study through writing a variety of informative text using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida College Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida's K-12 Common Core Standards.

**1009320** CREATIVE WRITING I 
**1009330** CREATIVE WRITING II

(0.5 credits each)

This course offers the opportunity to write in many creative genres including description, poetry, character sketch, dialogue, monologue, and short narrative. Student writing is shared either in small groups or with the entire class, providing students feedback from each other as well as from the teacher. Students in the second course will choose selections to be published in the school art and literary magazine.

**1700370** TEST PREP (0.5 credits)

This course provides test taking techniques for standardized tests. The major emphasis of this course is to become familiar with the PSAT, SAT, and ACT and to practice with actual test samples.

**1007330** DEBATE (1 credit)

Debate covers the principles of persuasion, argumentation, and debate and their application to issues of current public interest. It includes units in team debate and extemporaneous speaking. Study will concentrate on critical thinking and analytic skills, as well as the preparation of presentations based on research and reading.
**Mathematics**

Students entering the ninth grade with a “C” or lower in their previous Algebra class (if applicable) will be placed in Algebra in the ninth grade. All students are required to pass the Algebra EOC as part of their graduation requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1007300</td>
<td>SPEECH (1 credit)</td>
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<tr>
<td></td>
<td>Speech is a course in the study of the communication process. Students gain poise and confidence in their ability to organize thoughts and ideas in the art of public speaking. The continuation of Speech covers debate, parliamentary procedure, preparation and delivery of various types of speeches, and other advanced speech activities.</td>
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<tr>
<td>1200310</td>
<td>ALGEBRA I</td>
<td></td>
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<tr>
<td></td>
<td>Students are required to take an end of course exam that is worth 30% of their final grade.</td>
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<tr>
<td>1200330</td>
<td>ALGEBRA II</td>
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<tr>
<td>12003400</td>
<td>ALGEBRA II HONORS</td>
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<td></td>
<td>Students are required to take an end of course exam that is worth 30% of their final grade.</td>
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<tr>
<td>1206310</td>
<td>GEOMETRY</td>
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<tr>
<td>1206320</td>
<td>GEOMETRY HONORS</td>
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<tr>
<td></td>
<td>Students are required to take an end of course exam that is worth 30% of their final grade.</td>
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<tr>
<td>1200400</td>
<td>INTENSIVE MATH</td>
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<tr>
<td>12023400</td>
<td>PRECALCULUS HONORS</td>
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<tr>
<td>1202310</td>
<td>AP CALCULUS AB (1 credit)</td>
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<td></td>
<td>This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course is intended for students who have a thorough knowledge of college preparatory mathematics. It is a course in introductory calculus with elementary (algebraic, trigonometric, exponential, and logarithmic) functions. Topics include, but are not limited to, functions and graphs, limits and continuity, derivatives and integrals and their applications. This course is taught utilizing graphing calculators. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities.</td>
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<tr>
<td>1210320</td>
<td>AP STATISTICS (1 credit)</td>
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<td></td>
<td>This course is designed for the highly motivated, college-bound student who wishes to pursue college-level work while in high school. The purpose of this course is to introduce students to the major tools used in collecting, analyzing, and drawing conclusions from data. The four broad conceptual themes are exploring data, planning a study, anticipating patterns in advance, and statistical inference. Based on the results of the Advanced Placement exam, college credit may be awarded by participating colleges and universities.</td>
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<tr>
<td>1201315</td>
<td>ANALYSIS of FUNCTIONS (0.5 credits)</td>
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<td></td>
<td>This course integrates the study of Trigonometry and Analytic Geometry and is designed to prepare students to be successful in Precalculus. Topics shall include exponential and logarithmic functions, piece-wise functions, trigonometric and circular functions and their inverses, trigonometric identities, trigonometric equations and complex numbers, parametric equations, polynomial, radical and rational functions, inequalities and their graphs, conic sections, vectors, composite functions and limits. This course is taught utilizing a graphing calculator.</td>
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<tr>
<td>1211300</td>
<td>TRIGONOMETRY (0.5 credits)</td>
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<td></td>
<td><strong>prerequisite:</strong> Analysis of Functions</td>
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<td></td>
<td>This course is designed to be a semester-long follow up to Analysis of Functions and to prepare students to be successful in Precalculus. Topics include but are not limited to circular functions; trigonometric identities; graphs of trigonometric functions; particular and general solutions of trigonometric equations; and solutions of right and oblique triangles; prove Pythagorean identities; using trigonometry in a complex plane; using trigonometry with vectors. A graphing calculator is required.</td>
<td></td>
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</tbody>
</table>
1200700  MATH for COLLEGE READINESS (Grade 12) (1 credit)
The purpose of this course is to meet the needs of seniors who plan to attend college. Projects designed to help students research and apply to colleges, make a preliminary two-year course plan, and schedule first semester college classes will be incorporated throughout the year. Topics include, but not limited to, linear equations, quadratic equations, radical equations, polynomials, exponential equations, compound and simple interest, matrices, properties of exponents, solving systems of equations, and descriptive statistics. This course is supplemented with a graphing calculator.

Science

Students may be placed in a science class based on the previous year’s Reading FCAT score. All students entering ninth grade are required to complete at least one credit of Biology.

2000310  BIOLOGY
2000320  BIOLOGY HONORS
Students are required to take an end of course exam that is worth 30% of their final grade.

2003340  CHEMISTRY
2003350  CHEMISTRY HONORS
Honors prerequisite:
Level 3 or higher on the Algebra EOC or “B” or higher in Honors Algebra or “A” in Standard Algebra

(1 credit each)

3027010  BIOTECHNOLOGY 1 (1 CREDIT) HONORS
This course is an investigative laboratory course which will include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures. Students in this course will submit research to Science Fair. This course DOES count toward the science graduation requirement.

2000340  AP BIOLOGY (1 credit)
prerequisite: “A” or “B” in Honors Biology, Level 3 or higher in AP Chemistry or Level 3 or higher in AP Environmental

This course is a first year college biology course. The content includes but is not limited to, cell biology, biochemistry, classical genetics, molecular genetics, evolution, ecology, taxonomy, and the anatomy and physiology of plants and animals. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time. Laboratory experiments are a significant component of this course. Participating colleges and universities award credit based on the results of the Advanced Placement Examination. Students may be required to take an end of course exam that is worth 30% of their final grade.

2003370  AP CHEMISTRY (1 credit)

AP Chemistry is a college level course in chemistry. The content stresses the importance of the theoretical aspects of chemistry. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics and the basic dynamics of thermochemistry will be covered in considerable depth. Laboratory experiments are a significant component of this course. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time. Participating colleges and universities award credit based on the results of the Advanced Placement Examination and laboratory participation.
2001380  AP ENVIRONMENTAL SCIENCE (Grade 11 - 12) (1 credit)
This is a college level course which provides the student with the scientific principles, concepts, and methods required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and or preventing them. The course will include a strong laboratory and field investigation component. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time. Participating colleges and universities award credit based on the results of the Advanced Placement Examination.

2003421  AP PHYSICS I (Grade 11 - 12) (1 credit)
prerequisite: Biology Honors and Algebra II Honors
This course is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Lab Requirement: This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

2003422  AP PHYSICS II (Grade 11 - 12) (1 credit)
prerequisite: AP Physics I
This course is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Lab Requirement: This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

2003425  AP PHYSICS C – ELECTRICITY & MAGNETISM (Grade 11 - 12) (1 credit)
This course is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. Lab Requirement: should include a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students should spend a minimum of 20 percent of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Each student should complete a lab notebook or portfolio of lab reports.

2003430  AP PHYSICS C - MECHANICS (Grade 11 - 12) (1 credit)
prerequisite: Biology Honors
corequisite: AP Calculus AB
This course is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. Lab Requirement: should include a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students should spend a minimum of 20 percent of instructional time engaged in hands-on laboratory work. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. Each student should complete a lab notebook or portfolio of lab reports.
**2000360 ANATOMY & PHYSIOLOGY (Grade 11 - 12) (1 credit)**

This course provides advanced science students with a comprehensive background in human anatomy and physiology. The course will include a study of all the organ-systems of the body, utilizing anatomical terminology to describe or explain structural composition and physiological processes. Laboratory activities are emphasized in order to enhance understanding of how the body works, and will include investigations centering on histology, skeletal and muscular anatomy systems, and the physiology of vertebrate animal systems. Vertebrate dissection is a major part of this course.

**2002500 MARINE SCIENCE I (Grade 12) (1 credit)**

**2002510 HONORS MARINE SCIENCE I (Grade 12) (1 credit)**

This course will have students study the Earth’s bodies of water and geologic structures and how they impact the oceans. Students will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our ocean’s ecosystems.

**2002480 *FORENSIC SCIENCE (Grade 12) (1 elective credit)**

This course involves components of all the sciences especially anatomy, biology, chemistry, earth science and physics. The course is designed to teach students to use critical thinking, deductive reasoning, laboratory techniques, and problem solving skills. These skills would then be related to real life situations and criminal law cases. Students will use reality and research-based activities to investigate complex scenarios and learn various scientific methods for solving these problems. *This course DOES NOT count toward the science graduation requirement.*

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**Social Studies**

Students may be placed in a social studies class based on the previous year’s Reading FSA score.

**2109310 WORLD HISTORY (Grade 10)**

**2109320 HONORS WORLD HISTORY (Grade 10)**

**2100310 AMERICAN HISTORY (Grade 11)**

**2100320 HONORS AMERICAN HISTORY (Grade 11)**

**2106310 AMERICAN GOVERNMENT (Grade 12)**

**2106320 HONORS AMERICAN GOVERNMENT (Grade 12)**

**2102335 ECONOMICS W/FINANCIAL LITERACY (Grade 12)**

**2102345 HONORS ECONOMICS W/FINANCIAL LITERACY (Grade 12)**

**2103400 AP HUMAN GEOGRAPHY (Grades 9-12) (1 credit)**

AP Human Geography introduces students to the spatial interactions between humans and their environment. The purpose of the course is for students to experience an in-depth understanding of the way human beings have altered the cultural landscape of their planet to meet their needs. Topics to be analyzed include culture, language, religion, politics, agriculture, economics, and urbanization. This course is a hybrid course, which utilizes 21st century tools to enhance learning.

**2109420 AP WORLD HISTORY (Grades 10) (1 credit)**

AP World History develops a greater understanding of the development of global processes and contacts in various types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence.
2100330 AP AMERICAN HISTORY (Grades 11-12) (1 credit)
Historical content begins with exploration and colonization of the Western hemisphere and continues through modern-day America. Emphasis is placed on analysis of factual information and critical thinking using historical documents. Students will read a wide variety of historical documents in addition to the text.

2106420 AP AMERICAN GOVERNMENT (Grade 12) (0.5 credits)
This course provides students with an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that make up US government and politics.

2102370 AP MACROECONOMICS (Grade 12) (0.5 credits)
Students will study economic systems with special emphasis on the comprehensive study of the ways societies organize and utilize limited resources to satisfy unlimited wants. The course is designed to provide students the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content, and materials of economic theory.

2109380 AP EUROPEAN HISTORY (Grade 11-12) (1 credit)
This course develops the analytical skills and factual knowledge necessary to critically deal with the problems, content, and materials of European historic development. Focus will be on persistent themes and changes in history; applying historical reasoning to seek solutions to contemporary problems.

2107350 AP PSYCHOLOGY (Grades 10-12) (1 credit)
This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students will study the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students will also learn about the methods psychologists use in their science and practice.

0100300 AP ART HISTORY (Grades 10-12) (1 credit)
This course will have students examine and analyze major forms of artistic expression from a variety of cultures from ancient times to the present. This course also emphasizes understanding how and why works of art function in context, considering issues as patronage, gender and the functions and effects of works of art. Students will investigate how imagery has shaped our perceptions and behavior throughout time, providing insight into the past and into our own age and culture.

2100340 AFRICAN-AMERICAN HISTORY (Grades 10-12) (1 credit)
This course primarily pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

2104320 GLOBAL STUDIES (Grades 10-12) (1 credit)
This course is designed to the study of the commonalities and differences among the peoples and cultures of the world and the complex nature of individual, group and national interactions in today's world. Content will include, but is not limited to, global interdependence and challenges, culture, international systems and policies, pluralism, transnationalism, and cultural diffusion, global economics, and human-environment interactions.

2106350 LAW STUDIES (Grades 11-12) (0.5 credits)
This course provides students with the opportunity to acquire an understanding of the American legal process including concepts related to criminal justice and civil law. Students will participate in mock trials, which are designed to provide them with knowledge of the judicial system and courtroom procedure.

2108300 SOCIOLOGY (Grades 10-12) (0.5 credits)
Sociology is the scientific study of society including values, norms, deviancy, and institutions such as family. The purpose of the course is to provide students with a basic understanding of how human behavior is shaped largely by the group to which people belong and by the social interaction that takes place within those groups.
## Foreign Language

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>0701320</td>
<td>FRENCH I</td>
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<td>0701330</td>
<td>FRENCH II</td>
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<tr>
<td>0701340</td>
<td>HONORS FRENCH III</td>
<td>(1 credit each)</td>
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<tr>
<td>0707300</td>
<td>RUSSIAN I, II</td>
<td>(2 credits)</td>
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<td></td>
<td><em>(This is a double block class)</em></td>
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<tr>
<td>0708340</td>
<td>SPANISH I</td>
<td></td>
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<tr>
<td>0708350</td>
<td>SPANISH II</td>
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<tr>
<td>0708360</td>
<td>*HONORS SPANISH III</td>
<td>(1 credit each)</td>
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<tr>
<td>0708370</td>
<td>HONORS SPANISH IV</td>
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*Native Spanish Speakers are to register for Honors Spanish III

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<tr>
<td>0717300</td>
<td>AMERICAN SIGN LANGUAGE 1</td>
<td>(1 credit)</td>
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<tr>
<td>0717310</td>
<td>AMERICAN SIGN LANGUAGE 2</td>
<td>(1 credit)</td>
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American Sign Language introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

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<tr>
<td>0701380</td>
<td>AP FRENCH LANGUAGE</td>
<td>(1 credit)</td>
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<tr>
<td>0708400</td>
<td>AP SPANISH LANGUAGE</td>
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These courses are designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course will also prepare students for the French or Spanish Language Advanced Placement Exam which challenges students to attain high levels of proficiency in speaking, listening, reading, and writing. The use of authentic materials helps to increase accuracy and fluency. Participating colleges and universities award credit based on the results of the Advanced Placement Examination.

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<tr>
<td>0708410</td>
<td>AP SPANISH LITERATURE</td>
<td>(1 credit)</td>
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This course is taught at a college level and will help the student prepare for the Advanced Placement Literature exam given at the end of the school year. This course covers selected works of literature. This course is offered to non-native students who have passed the AP Spanish Language test and to native speakers. Participating colleges and universities award credit based on the results of the Advanced Placement Examination.
Physical Education

ALL PHYSICAL EDUCATION STUDENTS MUST WEAR ATHLETIC CLOTHES IN SCHOOL COLORS: NAVY, GREY, WHITE AND BLACK. SOLID-COLORED SHIRTS AND SHORTS ONLY.

STUDENTS ARE REQUIRED TO RENT A LOCK FROM THE P.E. DEPARTMENT AND ARE REQUIRED TO SECURE ALL PERSONAL ITEMS DURING THE CLASS PERIOD. LAKE HOWELL IS NOT RESPONSIBLE FOR ITEMS LOST OR STOLEN DUE TO IMPROPER STORAGE.

1503400 AEROBICS 1
1503410 AEROBICS 2
1503420 AEROBICS 3 (0.5 credits each)

1503310 BASKETBALL 1
1503315 BASKETBALL 2 (0.5 credits each)

1504460 SWIMMING 1 (For student swimmers that have had no formal swim instruction)
1504470 SWIMMING 2 (For student swimmers that have had formal swim instruction) (0.5 credits each)

1502490 CARE and PREVENTION OF ATHLETIC INJURIES (0.5 credits)
Care and Prevention of Athletic Injuries is an introductory course for the student interested in the methods and theories involved with prevention, care and rehabilitation of athletic injuries. Laboratory activities shall include activities that offer practical application of the concepts involved. Students will need to provide athletic tape and underwrap. Students will be required to attend one athletic team practice and one athletic contest as a lab experience.

1501390 COMPREHENSIVE FITNESS (0.5 credits)
This course will enable students to develop an understanding of fitness concepts while participating in a wide variety of team sports and fitness activities.

0800320 FIRST AID and SAFETY (0.5 credits)
This course will provide advanced skills in the care and prevention of athletic injuries. Students will need to provide athletic tape and underwrap. Students will be required to attend one athletic team practice and one athletic contest as a lab experience.

1502460 SELF DEFENSE (0.5 credits)

1504500 TENNIS I
1504510 TENNIS II (0.5 credits each)

1501300 PERSONAL FITNESS (0.5 credits) - This course is required for graduation.

1503350 TEAM SPORTS I
1503360 TEAM SPORTS II (0.5 credits each)

1505500 VOLLEYBALL 1
1505510 VOLLEYBALL 2
1505520 VOLLEYBALL 3 (0.5 credits each)

1501340 BEGINNING WEIGHT TRAINING
1501350 INTERMEDIATE WEIGHT TRAINING
1501360 ADVANCED WEIGHT TRAINING
1501410 BEGINNING POWER WEIGHT TRAINING (0.5 credits each)

Personal Fitness/Athletic Participation
The 1998 Legislature amended Section 232.246, F.S., providing that participation in an interscholastic sport, whether at the junior varsity, or varsity level, for two full seasons and successful completion (C or better) on the personal fitness competency test, shall satisfy the state graduation requirement for Personal Fitness (Course # 1501300). The student may only take the competency test once. The definition of interscholastic extracurricular sports includes all such sports sanctioned by the Florida High School Athletic Association, Inc. for state championship play. If a student satisfies the Personal Fitness requirement through interscholastic extracurricular sports participation, Course # 1500430 shall appear on the student's transcript for "0" credit. Satisfying the Personal Fitness course requirement does not lessen the number of credits required for graduation. See your Guidance Counselor to complete the proper paperwork if you wish to take this option.
0101355  CREATING 2-D ART (0.5 credits)
Art 2-D is an introductory course where students will explore basic drawing, painting skills and techniques. Students will learn the principles and elements of design and will incorporate this knowledge into the creation of drawings and paintings using a variety of media. The course integrates knowledge of art history to broaden personal viewpoints.

0101365  CREATING 3-D ART (0.5 credits)
Art 3-D will utilize students basic knowledge of drawing and painting and combine it with the principles and elements of design to transform their ideas into sculptures using a variety of media. This course integrates art history to broaden personal viewpoints.

0108310  CREATIVAPREEXIST: Art 2-D
Photography 1 (1.0 credits)
In this course students will become familiar with the basic mechanics of a camera and will use technological tools to create art with varying effects and outcomes.

0102300  CERAMICS I
0102310  CERAMICS II
prerequisite: Art 2-D (or) Art 3-D
These courses are introductory level courses that involve hand building and potter wheel work in clay. Students will explore traditional techniques of building such as pinching, coiling, slab and drape methods of working clay by hand. Ceramics II students will focus on hand building, potters wheel, and traditional techniques. Stoneware clay and cone 5 glazes will be used.

0104340  DRAWING 1
0104370  PAINTING 1
prerequisite: Art 2-D
These courses are designed for students who want to continue to develop and enhance skills and techniques learned in Art 2-D. They will be introduced to more challenging projects which will reinforce and expand the drawing and painting skills taught in Art 2-D. The course integrates knowledge of art history to broaden personal viewpoints.

0104300  AP DRAWING
0109350  AP ART 2-D
0109360  AP ART 3-D
AP Art 2-D (or) AP Drawing prerequisite:
Art 2-D, Draw/Paint & Teacher Recommendation
AP Art 3-D prerequisite:
Art 3-D & Ceramics & Teacher Recommendation
These courses are designed for the highly motivated student who plans to take art at the college level. Students may take either AP Drawing Portfolio or AP 2-Dimensional Design in the 11th or 12th grade. Students may take only one AP Studio Art class per year. The work in an AP art class requires significantly more commitment and accomplishment than the typical high school art program. Each portfolio is divided into three sections, which require the student to show a fundamental competence and range of understanding in visual methods.
The Lake Howell Band Program is a co-curricular activity that creates the Silver Regiment Marching Band in the fall by combining the Symphonic Band, Wind Ensemble, Percussion Ensemble and Eurhythmics classes during football season. After football season, the classes separate and creates the concert bands. Rehearsals will be held two to three times a week after school plus various performances (including all football games in the fall, concerts and various FBA MPA evaluations). The times of those rehearsals will be given to students on the first day of school. The marching band season begins with periodic rehearsals over the summer and concludes no later than the end of November. The marching band will perform and compete in several FMBC circuit competitions and FBA events. In addition, the Color Guard continues to compete throughout the entire year (See more below in Colorguard/ Winterguard course description). A two-week band camp is also a part of the summer rehearsals and is a requirement to participate in the band program. Fund raising opportunities exist within the band program to assist band students with associated fees.

**SYMPHONIC BAND (1 credit each)**
- 1302300S BAND 1 (Freshmen)
- 1302310S BAND 2 (Sophomores)
- 1302320S BAND 3 (Juniors)
- 1302330S BAND 4 (Seniors)

**WIND ENSEMBLE (audition required) (1 credit each)**
- 1302320W BAND 3 (Freshmen)
- 1302330W BAND 4 (Sophomores)
- 1302340W BAND 5 (Juniors)
- 1302350W BAND 6 (Seniors)

**PERCUSSION ENSEMBLE (1 credit each)**
- 1302300P BAND 1 (Freshmen)
- 1302310P BAND 2 (Sophomores)
- 1302320P BAND 3 (Juniors in Symphonic Band)
- 1302330P BAND 4 (Seniors in Symphonic Band or Sophomores in Wind Ensemble)
- 1302340P HONORS BAND 5 (Juniors in Wind Ensemble)
- 1202350P HONORS BAND 6 (Seniors in Wind Ensemble)

This is a performance oriented full credit class that is designed to develop a student’s ability to perform on percussion instruments including all mallet percussion, hand drum, battery percussion, concert percussion and more. Students will participate in the Marching Band, Concert Band, and Percussion Ensembles. This course will seek to instill mastery of the rudiments and terminology of music, and to foster an appreciation for music.

**JAZZ BAND (Grades 10 -12) (1 credit each)**
- 1302500 JAZZ BAND 1 (Freshmen)
- 1302510 JAZZ BAND 2 (Sophomores)
- 1302520 JAZZ BAND 3 (Juniors)
- 1302530 HONORS JAZZ BAND 4 (Seniors)

This is a performance oriented full credit class open to a select group of musicians determined by audition only. This group will perform and study jazz and pop music of various styles and time periods. Students will develop the ability to improvise over basic chord progressions while becoming familiar with the nomenclatures of various jazz styles. As a co-curricular performance activity, attendance is required for rehearsals and performances beyond regular school hours. In order to be in Jazz Band you must also be in a standard band or percussion class.
COLORGUARD/WINTERGUARD (1 credit each):

1305300 EURYTHMICS I
1305310 EURYTHMICS II
1305320 EURYTHMICS III
1305330 EURYTHMICS IV

This is a performance oriented full credit class with content that includes understanding and demonstrating performance techniques appropriate to various styles of music and dance. Develops the basic knowledge and skills in performance of varied dance genre, such as ballet and modern dance while also spinning equipment including flags, rifles and sabres. This class is open to a select group of performers determined by audition only. The color guard performs with the marching band in the fall, and competes independently as a winter guard in the spring in the FFCC and WGI circuits. As a co-curricular performance activity, attendance is required for rehearsals and performances beyond regular school hours. Members of this ensemble will combine with other classes to form the marching band in the fall. These students will be expected to attend summer rehearsals and band camp as listed above in the band course descriptions and there will be a camp over winter break for winter guard. Fundraising opportunities exist within the band program to assist color guard/ winter guard students with associated fees.

1302360 ORCHESTRA 1 - STRINGS (1 credit)

This class is open to all string players at Lake Howell High School. This ensemble comprised of violins, violas, cellos and basses will represent Lake Howell throughout the community and participate in Florida Orchestra Association events. A varied degree of experience and training is necessary to participate. See Ms. Senko for details.

1302370 ORCHESTRA 2
1302380 ORCHESTRA 3
1302390 ORCHESTRA 4
1302400 HONORS ORCHESTRA 5
1302410 HONORS ORCHESTRA 6

1302420 INSTRUMENTAL TECHNIQUES 1 (1 credit)

This course is designed to provide students with instruction in the application of musical and technical skills, as well as the development of aesthetic awareness through the study, rehearsal and performance of varied band literature. After school rehearsals and performances are required.

1300330 AP MUSIC THEORY (Grade 11-12) (1 credit)

This course is for highly motivated student who wishes to study the inner workings of music. This course discusses in depth the contrapuntal stylings and writings of music pre-1750. The course material covers that of both college-level music theory and college-level ear training. Instruction in the structure of music composition through written analysis and performance with emphasis placed on aural development, harmonic notation and analysis. Recommended skills include an ability to read music and match pitch.

Courses that meet the Performing and Fine Arts Graduation Requirement

Grooming & Salon Services (DOE 8757210) Dance
Cosmetology 2 (DOE 8305120) Debate
Cosmetology 3 (DOE 8905140) Speech
TV Production I and II All Classes under the ‘Art’ Section
Principles of Entrepreneurship All Classes under the ‘Music’ Section
Business Ownership All Classes under the ‘Theater’ Section
Culinary Arts II and III NJROTC (two years, requires a waiver)
Digital Design I and II
Digital Video and Sound
Early Childhood Education III
Introduction to Information Technology
Digital Media/Multimedia Foundations I and II
The Lake Howell High School Choral Program is comprised of five performance ensembles. Each group participates in multiple performances throughout the school year. Singers will receive instruction in vocal technique, musicianship and performance skills with a diverse selection of music. All singers will have the opportunity to participate in Florida Vocal Association competitions and the Disney Candlelight Processional.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tr>
<td>1303300</td>
<td>CHORUS 1 – Women’s Chorus (1 credit)</td>
<td>This chorus is for all girls who are in the chorus for the first time in high school. All singers will learn to read music, sing in multiple parts and perform a varied repertoire of music. No experience is required for this course.</td>
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<tr>
<td>1303310</td>
<td>CHORUS 2 - Wings Show Choir (1 credit)</td>
<td>This women’s only show choir is designed to meet the needs of a more mature performer with dance experience. This class will study a varied repertoire from the show choir genre including jazz, Broadway and many others. Healthy singing, sound musicianship and precision dancing are the goals of this ensemble. Students must be available for after school rehearsals.</td>
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<tr>
<td>1303320</td>
<td>CHORUS 3</td>
<td>This women’s audition only group is for singers interested in performing at the highest level. It requires a basic knowledge of sight singing, musicianship and part singing. This group performs a varied repertoire of music from the Renaissance to present day in several different languages. Students must be available for after school rehearsals. Juniors and seniors may audition for honors credit. See Mrs. Senko for extra requirements.</td>
</tr>
<tr>
<td>1303330</td>
<td>CHORUS 4</td>
<td>This women’s audition only group is for singers interested in performing at the highest level. It requires a solid knowledge of sight singing, musicianship and part singing. This group performs a varied repertoire of music from the Renaissance to present day in several different languages. Students must be available for after school rehearsals. Seniors may audition for honors credit. See Mrs. Senko for extra requirements. A minimum one year of high school choral experience is required.</td>
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<tr>
<td>1303360</td>
<td>VOCAL ENSEMBLE - SILVER LINING (1 credit)</td>
<td>This audition only group is comprised of advanced men and women interested in performing at the highest level. It requires a solid knowledge of sight singing, musicianship and part singing. This group performs a varied repertoire of music from the Renaissance to present day in several different languages. Students must be available for after school rehearsals. Seniors may audition for honors credit. See Mrs. Senko for extra requirements.</td>
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**Advanced Women’s Ensemble (1 credit each)**

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<tr>
<td>1303340</td>
<td>HONORS CHORUS 5</td>
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**Men’s Chorus (1 credit each)**

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<tr>
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<tr>
<td>1303370</td>
<td>CHORUS H/L Register 2</td>
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<tr>
<td>1303380</td>
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<tr>
<td>1303390</td>
<td>HONORS CHORUS H/L Register 4</td>
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**Vocal Ensemble (1 credit)**

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<tbody>
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<tr>
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<tr>
<td>1303470</td>
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</tbody>
</table>

**Dance (1 credit)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>0300310</td>
<td>DANCE 1 (1 credit)</td>
</tr>
</tbody>
</table>

**Dance 2 (1 credit)** *(prerequisite: Dance 1)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>0300320</td>
<td>DANCE 2 (1 credit)</td>
</tr>
</tbody>
</table>

**Honors Dance 3 (1 credit)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>0300330</td>
<td>HONORS DANCE 3 (1 credit)</td>
</tr>
</tbody>
</table>

**Dynasty Dance 1 (1 credit)** *(audition required)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>0300400</td>
<td>DYNASTY DANCE 1 (1 credit)</td>
</tr>
</tbody>
</table>

**Dynasty Dance 2 (1 credit)** *(audition required)*

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>0300410</td>
<td>DYNASTY DANCE 2 (1 credit)</td>
</tr>
</tbody>
</table>

**Honors Dynasty Dance 3 (1 credit)** *(audition required)*

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>0300420</td>
<td>HONORS DYNASTY DANCE 3 (1 credit)</td>
</tr>
</tbody>
</table>
Theater

0400370 ACTING 1 (1st year of study)
0400380 ACTING 2 (2nd year of study)
0400390 ACTING 3 (3rd year of study)
0400400 HONORS ACTING 4 (4th year of study)

* FOR SERIOUS ACTING STUDENTS ONLY!

Open to all actors grades 9-12. The purpose of this course is to introduce students to the study and practice of acting, including acting techniques, terminology, movement, vocal production and characterization. Responsibilities include attendance at contracted after-school rehearsals and events as well as fulfilling the duties identified as being part of each role a member agrees to undertake.

0400310 THEATER 1 (1st year of study)
0400320 THEATER 2 (2nd year of study)

Theater 1 and 2 are entry-level courses designed to introduce students to the basic concepts of theater and use them to help students build public speaking skills and self-confidence. The course uses a survey approach to explore acting, theater history, improvisation, stagecraft and playwriting. This class does NOT produce a play or perform in front of the student body.

0400330 HONORS THEATER 3 (1st year of study)
0400340 HONORS THEATER 4 (2nd year of study)

Juniors and Seniors who wish to be leaders of LHTC and Troupe 4937. Theater teacher approval required.

0400500 THEATRICAL DIRECTION 1 (1st year of study)
0400510 HONORS THEATRICAL DIRECTION 2 (2nd year of study)

* FOR SERIOUS DIRECTING STUDENTS ONLY!

Open to all interested juniors and seniors. The purpose of this course is to introduce students to the fundamentals of directing for the stage. Instruction will include play analysis, staging areas, movement, technical terms of stage direction and the opportunity to direct a scene or one act play. This course includes a portfolio assessment. Responsibilities include attendance at contracted after-school rehearsals and events as well as fulfilling the role of a director for their selected scene or one act play.

0400660 CINEMATOGRAPHY - (Grades 10-12) (1 credit)

The course is designed for the student who desires to understand the film industry. The class will explore film through script writing, art direction, costuming, sound, special effects, and editing while using the knowledge gained to critique the films that will be viewed.
Careers & Technology

8757210  GROOMING AND SALON SERVICES
8905120  COSMETOLOGY 2
8905140  COSMETOLOGY 3  (1 credit)
8905150  COSMETOLOGY 4  (1 credit)

These courses provide students with an introduction to the field of cosmetology. Students wanting to take these courses should have a genuine interest in learning all aspects of cosmetology and a passion for making people look and feel good about themselves. The course teaches students about communication and leadership, employability skills, safe practices and procedures as related to cosmetology. Students will practice performing services of the hair, skin and nails throughout this course. Upon completion of this program, students will have up to 350 hours towards the state requirement in post secondary institutions.

SLS1301C  LIFE and CAREER PLANNING  (Grades 11-12)
(3 college credit hours/.5 high school credit)
Life/Career Planning is a course designed to assist students with the lifelong process of career development. Students will participate in a variety of experiences as a group and individually. The coursework is designed to help students identify and examine their interests, personality, values, self-esteem, critical thinking skills and to use this increased self-awareness to make decisions about majors and careers. This course will emphasize that making an occupational career choice is a never-ending process subject to and affected by one’s personal maturity and environmental changes. Life/Career Planning is a three-credit course that applies as an elective towards the Associate in Arts degree. Students must have an SAT, ACT or PERT score and must meet the criteria for Academic Dual Enrollment in order to sign up (3.0 unweighted GPA).

8405110  EARLY CHILDHOOD EDUCATION I
8405120  EARLY CHILDHOOD EDUCATION II
8405130  EARLY CHILDHOOD EDUCATION III
8503214  HONORS EARLY CHILDHOOD EDUCATION IV

This course is for the student who enjoys working with children. This course covers the 10 and 20 hour competencies for initial employment. These competencies include state rules and regulations, principles of child development, observation and recording, child abuse and neglect, and developmentally appropriate practices. End of year exam required. Possible 6 college credits.

8207310  DIGITAL INFORMATION TECHNOLOGY (1 credit)
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today’s business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. This course will prepare all students to take certification exams in Microsoft Office software applications.

8209510  DIGITAL DESIGN I
8209520  HONORS DIGITAL DESIGN II
8209530  HONORS DIGITAL DESIGN III
8209540  HONORS DIGITAL DESIGN IV

prerequisite: Digital Information Technology (formerly Introduction to Information Technology)
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.
8201210 DIGITAL MEDIA/MULTIMEDIA FOUNDATIONS 1 (1 credit)
8201220 DIGITAL MEDIA/MULTIMEDIA FOUNDATIONS 2 (1 credit)

Prerequisite: Digital Information Technology (formerly Introduction to Information Technology)

This course is the introduction to photography, imaging, and multimedia production. The course provides the student with an overview of digital image and design technology. Effective digital photography composition and digital imaging software features including optimizing digital images and electronic slide presentations using presentation software as well as public speaking.

8772110 TV PRODUCTION I
8772120 TV PRODUCTION II
8772130 HONORS TV PRODUCTION III
8772140 HONORS TV PRODUCTION IV

(1 credit each)

This program offers a sequence of courses that provides relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communications. Skills include but are not limited to communication skills, leadership skills, human relations and employability skills, safe and efficient work practices, and preparation to assume responsibility for overall production of television studio activities including: scripts, lighting, shooting and directing, electronic news gathering, and field production.

0200320A AP COMPUTER SCIENCE PRINCIPLES (Grades 10-12) (1 credit)

AP Computer Science Principles introduces students to the essential ideas of computer science with a focus on how computing can impact the world. Along with the fundamentals of computing, students will learn to analyze data, information or knowledge represented for computational use; create technology that has a practical impact; and gain a broader understanding of how computer science impacts people and society.

0200320 AP COMPUTER SCIENCE A (Grades 11-12) (1 credit)

AP Computer Science embraces problem solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. The courses underscore the importance of communicating solutions appropriately and in ways that are relevant to current societal needs.

8208120 DEVELOPING MOBILE APPLICATIONS (1 credit)

This course would focus on the role that mobile apps have in society. Students will learn to design, test and implement apps. Students will be exposed to various software programs such as Adobe Flash.
VIRTICAL SCHOOL

8888888: On-Campus Seminole County Virtual School
8888888W: Off-Campus Seminole County Virtual School

This course is for the student who wishes to take an online virtual class as part of their seven period day. Students have the option to stay on campus and work on their class in our virtual lab. See your guidance counselor with questions.

Navy Junior ROTC

1802300 NAVAL SCIENCE I (1 credit)

The purpose of this course is to instill in students the value of citizenship, military service as a possible career, promote patriotism and develop a high degree of personal honor, self-reliance, self-discipline, and leadership. Students will study the history and background of the NJROTC program, leadership skills, citizenship, health, survival and the responsibility of being a good citizen.

Completion of two courses, with a grade of C or better, in this NJROTC class, in which drill is a significant component, will satisfy the one credit of physical education (not personal fitness) and one credit of practical arts.

1802310 NAVAL SCIENCE II (1 credit)

This course is designed as a continuation of the concepts stressed in Naval Science I. Added emphasis is placed on leadership, Naval history, maritime geography, oceanography, meteorology and astronomy.

1802320 NAVAL SCIENCE III (1 credit)

This course is designed as a continuation of the concepts stressed in Naval Science II. Additional emphasis is placed on Naval operations, military law, naval weapons, ship construction, seamanship, and navigation. Also, many of the cadets have practical leadership training.

1802330 NAVAL SCIENCE IV (1 credit)

This course is designed as an internship for senior students to employ leadership training. Individualized programs of instruction are provided to enhance leadership. Students are expected to assist Naval Science Instructors in training Naval Science I students.

1803300 LEADERSHIP SEMINAR 1
1803310 LEADERSHIP SEMINAR 2

(1 credit each)

This course is designed to develop leadership skills via practical hands-on projects under Naval Science Instructor supervision. This course may be taken concurrently with Naval Science 3 or 4.
In addition to the elective courses offered by each department, the following courses are offered to students. See your guidance counselor for specific questions regarding your eligibility.

**2104350 ENGAGED CITIZENSHIP through SERVICE-LEARNING 1 (0.5 credits)**

**2104360 ENGAGED CITIZENSHIP through SERVICE-LEARNING 2 (0.5 credits)**

This course provides an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 30 hours' duration. *This course may not completely satisfy the community service hours needed for Bright Futures.*

**LEADERSHIP SKILLS DEVELOPMENT (Student Government)**

This course is open to any elected student activity officer. Consideration will be given to major clubs' presidents. Leadership styles and techniques will be taught.

\[
\begin{align*}
2400300 & \quad \text{Year 1} \\
0500510 & \quad \text{Year 2} \\
0500520 & \quad \text{Year 3} \\
0500530 & \quad \text{Year 4} \\
\end{align*}
\]

(1 credit each)

**8909010 GUIDED WORK - (Grade 12) (0.5 - 1 credit)**

The purpose of this course is to provide students with practical work experience. Students will apply knowledge and skills learned in the classroom to actual school based work situations. Students must be able to follow specific instructions as well as work independently. This course is open to any senior student with a 3.5 unweighted academic G.P.A.

**VOLUNTEER PUBLIC SERVICES - (0.5 credits)**

This course will develop an appreciation of the concept of community service. The curriculum will include identifying a social problem, developing a plan to address the problem and completing 75 hours of related community service. This course is in addition to your seven credits. *See your guidance counselor for details.*
Special Note: Students earning English credit in English through ESOL may not earn English credit in an additional English class.

DEVELOPMENTAL LANGUAGE ARTS ESOL

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on the acquisition of integrated English communication skills in a wide range of activities and content areas.

1002381 YEAR ONE
1002381B YEAR TWO
1002381L YEAR THREE
1002381V YEAR FOUR

ENGLISH ESOL

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course.

1002300 ENGLISH I ESOL
1002310 ENGLISH II ESOL
1002320 ENGLISH III ESOL
1002520 ENGLISH IV ESOL

Exceptional Education

Special programs are available for the exceptional student in order to fully meet his/her needs and expectations. All ESE programs require staffing eligibility as determined by the district office. The following programs are available, as staffed by the district office. Students in the specific learning and emotional behavior disorder classes work towards a standard diploma. Guidance counselors work with students and families of ESE students for proper placement. The following is a list of ESE courses.

SPECIFIC LEARNING DISABLED
EMOTIONALLY, BEHAVIOR DISABLED
SOCIAL and PERSONAL SKILLS
INTELLECTUAL DISABILITY

EXCEPTIONAL EDUCATION WORK EXPERIENCE
JOB EXPERIENCE TRAINING/CAREER PREP
ON-THE JOB TRAINING/CAREER PLACEMENT
INDUSTRY CERTIFICATIONS

Another advantage of taking a Career and Technical Education program (3 to 4 sequential courses in one area) is the opportunity to obtain industry certificates. Industry certification provides credibility, recognition of achievement, and assurance of quality. Certification benefits students, businesses, and academic institutions by identifying predictable levels of performance and informing the community that established criteria are being met. The following is a list of some of the industry certifications that can be achieved when completing a CTE program:

1. Certified Nursing Assistant – CNA (FDMQA002)
2. Certified Medical Assistant – CMAA (NATHA003)
3. Certified Food Protection Manager - Serv Safe (NRAEF003)
4. Certified Internet Web-Business (PROSO016)
5. CompTIA A+ (COMPT001)
6. CompTIA Network+ (COMPT006)
7. CompTIA Security+ (COMPT005)
8. CompTIA Linux+ (COMPT034)
9. Certified Ethical Hacker (CEH) (COA002)
10. Certified Ethical Hacker (CEH) (COA003)
11. Certified Internet Web-Business (PROSO016)
12. Certified Ethical Hacker (CEH) (COA004)
13. Certified Ethical Hacker (CEH) (COA005)
14. Certified Ethical Hacker (CEH) (COA006)
15. Certified Ethical Hacker (CEH) (COA007)
16. Certified Ethical Hacker (CEH) (COA008)

Florida Career and Professional Education Act - CAPE Academy

In 2007 the Florida Legislature passed the Career and Professional Education Act (Florida Career and Professional Education Act (SB 1232) in section 1003.491, Florida Statutes (F.S.). The purpose of the Act was to provide a statewide planning partnership between the business and education communities in order to attract, expand, and retain targeted, high-value industry and to sustain a strong, knowledge-based economy. The objectives of the Act are as follows:

- To improve middle and high school academic performance by providing rigorous and relevant curriculum opportunities; To provide rigorous and relevant career-themed courses that articulate to postsecondary-level coursework and lead to industry certification;
- To support local and regional economic development; To respond to Florida’s critical workforce needs; and
- To provide state residents with access to high-wage and high-demand careers.

To implement the Act, the Florida Department of Education (FDOE), the Agency for Workforce Innovation (AWI), and Workforce Florida, Inc (WFI) are partnered together. At the local level, the Act mandates the development of a local strategic plan prepared by the school districts with the participation of regional workforce boards and postsecondary institutions.

A key component of this Act is state-approved industry certifications that are critical to Florida’s employers. The legislation tasked AWI with defining “Industry Certification.” The agency has provided DOE with the following definition:

“A voluntary process, through which individuals are assessed by an independent, third party certifying entity using predetermined standards for knowledge, skills and competencies, resulting in the award of a time-limited credential that is included in the workforce system’s targeted occupation list or determined to be an occupation that is critical, emerging or addresses a local need.

CAPE Academies are small learning communities that combine Career and Tech, and Academic learning. These Academies can be “Wall to Wall” or a school within a school.

Upon graduation, Academies will receive weighted funding for each student who passes an Industry Certification test. Participation in certification testing is also used in the calculation of school’s grade.
Career Pathways
Student’s Head-Start on a College Degree or Certificate

Career Pathways is a partnership between Seminole County Public Schools (SCPS) and Seminole State College of Florida designed to provide **at no cost to the students** the opportunity to get a head-start in preparing for college and a career.

**How does it work?**
A student begins Career Pathways in high school by exploring career interests through a specified sequence of high school Career and Technical Education elective courses. Upon successful completion of the required sequence of courses (B or above average required in the courses), the student will be eligible to take a college-level assessment test. If the student passes the assessment, enrolls in Seminole State within 24 months after graduating from high school and passes at least one college credit course, he/she will receive college credit for specified courses which lead to the completion of an Associate in Science Degree or Technical Certificate. Most courses also count as elective credit in an Associate in Arts Degree. In program areas that are common to both Seminole State and Valencia College, Career Pathways credits may be awarded at either college. There is no credit-hour fee charged for these Career Pathways college credits.

Below is a listing of Seminole County Career Pathways programs, including college credits earned and college savings at Seminole State (based on 2014 – 2015 fees), for students successfully passing the assessment test(s). Please see the Seminole County Public Schools website for specific programs in each high school.

<table>
<thead>
<tr>
<th>Career Pathway</th>
<th>Credits Earned</th>
<th>College Savings</th>
<th>Career Pathway</th>
<th>Credits Earned</th>
<th>College Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>9</td>
<td>$939.42</td>
<td>Drafting &amp; Design Tech</td>
<td>3</td>
<td>$313.14</td>
</tr>
<tr>
<td>Allied Health</td>
<td>3-9</td>
<td>$313.14-$939.42</td>
<td>Early Childhood Ed</td>
<td>3-6</td>
<td>$313.14-$626.28</td>
</tr>
<tr>
<td>Auto Service Tech</td>
<td>3</td>
<td>$313.14</td>
<td>Interior Design</td>
<td>3-6</td>
<td>$313.14-$626.28</td>
</tr>
<tr>
<td>Business Software App</td>
<td>6</td>
<td>$626.28</td>
<td>New Media</td>
<td>3</td>
<td>$313.14</td>
</tr>
<tr>
<td>Computer Programming</td>
<td>6-9</td>
<td>$626.28-$939.42</td>
<td>Television Production</td>
<td>3</td>
<td>$313.14</td>
</tr>
<tr>
<td>Culinary Arts **</td>
<td>6</td>
<td>$626.28</td>
<td>Web Design</td>
<td>3</td>
<td>$313.14</td>
</tr>
<tr>
<td>Digital Design</td>
<td>3</td>
<td>$313.14</td>
<td>Web Programming</td>
<td>3</td>
<td>$313.14</td>
</tr>
</tbody>
</table>

**Articulated through Valencia College**

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Seminole County Public Schools
Educational Equity - Notice of Nondiscrimination

The Educational Equity Administrator for Seminole County Public Schools has the responsibility of assuring compliance with the educational equity requirements by providing technical expertise, monitoring activities or programs related to compliance, and responding to equity complaints. One of the responsibilities is to administer the Educational Equity Complaint/Grievance Procedures as adopted by the School Board.

*It is the policy of the School Board of Seminole County, Florida, that no employee, student, or applicant shall - on the basis of race, color, national origin, sex, disability, marital status, age, religion, or any other basis prohibited by law - be excluded from participating in, be denied the benefits of, or be subjected to discrimination and harassment under any educational programs, activities, or in any employment conditions, policies, or practices conducted by the District. Additionally, the School board of Seminole County provides equal access to public school facilities for the Boy Scouts of America and other designated youth groups as required by 34 C.F.R. 108.9.*

Every employee, student, or applicant for employment at Seminole County Public Schools has a solemn right to be treated fairly, equally, equitably, and with dignity. If for any reason you - the employee, student, or applicant for employment - find that you have been victimized by acts of discrimination and or harassment, whether intentional or unintentional, you are strongly encouraged to file an Educational Equity Complaint or Grievance with the Educational Equity Administrator, or any county or school-level administrator. All such complaints must be immediately forwarded to the Educational Equity Administrator for dissemination, action, and resolution. Forward to: SCPS Educational Equity Administrator, Seminole County Public Schools, Educational Support Center, 400 E. Lake Mary Blvd., Sanford, FL 32773-7127. (407) 320-0198

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44
Lake Howell High School Registration Card 2016-2017

<table>
<thead>
<tr>
<th>Last</th>
<th>First</th>
<th>Middle</th>
<th>Student ID #</th>
<th>Current Grade</th>
<th>Date of Birth</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
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Mailing Address | City | State | Zip |
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</table>

FSA Reading Level: _____  Algebra EOC: Pass/Fail

<table>
<thead>
<tr>
<th>Course #:</th>
<th>Course Name(s):</th>
<th>Credit Value</th>
<th>Teacher Signature:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies (10th – 12th)</td>
<td></td>
<td></td>
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<tr>
<td>Math</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English</td>
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</table>

Total Credits: Must be at least 7

<table>
<thead>
<tr>
<th>Course #:</th>
<th>Alternate Course Name(s):</th>
<th>Credit Value</th>
<th>Teacher Signature:</th>
</tr>
</thead>
<tbody>
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</table>

Student Signature: ___________________________ Date: ____/ ____/ ____  Counselor Initials: ____________

Parent Signature: ___________________________ Date: ____/ ____/ ____
STUDENT CALENDAR
2016-2017

First Day of 1st Grading Period (First Day of School) August 10, 2016
Labor Day Holiday September 5, 2016
End of 1st Grading Period October 12, 2016
Student Holiday October 13, 2016
Student Holiday October 14, 2016
First Day of 2nd Grading Period October 17, 2016
Thanksgiving Holiday November 21 - 25, 2016
End of 2nd Grading Period December 21, 2016
Winter Break Dec. 22 – Jan. 6, 2017
First Day of 3rd Grading Period January 9, 2017
Student Holiday January 16, 2017
Student Holiday February 20, 2017
End of 3rd Grading Period March 16, 2017
Spring Break Holiday March 17-24, 2017
First Day of 4th Grading Period March 27, 2017
End of 4th Grading Period May 26, 2017
ALMA MATER
Praise to thee, our Alma Mater
Ever to you be true
Honor to the Blue and Silver
In your arms we grew.
Pride forever, dying never
Hear our battle cry
We shall triumph o’er all conflict
Hail to Lake Howell High.
Lift your voice in songs all glorious
Reflect on years gone by.
As the Hawks remain victorious
Soaring to the sky.
Pride forever, dying never
Hear our battle cry
We shall triumph o’er all conflict
Hail to Lake Howell High.

Fight Song
Here come the Hawks.
Look out ‘cause we’re here.
We never falter, we never fear.
We will show the world tonight
Hawks are the best, Hawks have the might.
We have the power when we’re in flight.
Sportsmanship will be our guide.
We’re Hawks, we fight with Pride.