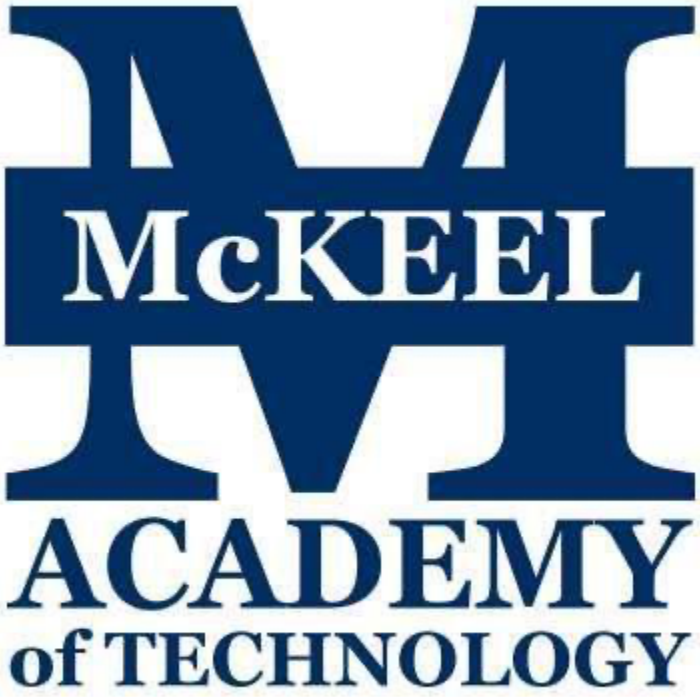

PROGRAMS OF STUDY GUIDE

2021-2022

"Motivating, Achieving, Transforming for future global challenges."

www.mckeelacademy.com

Staff Directory

Director of Schools
Alan Black

Principal
Kim Benson

Assistant Principal
Mark Dunsford

Assistant Principal
Linda Acocelli

School Counselors
Christina Pynes, A-K High School
Sandy Mathieu, L-Z High School
Emily Backes, All Letters Middle School

Experiential Educational Coordinator/Senior Sponsor
Kaci Gingras

Instructional Technology Project Manager
Craig Black

Technical Support Clerk
Monica DeSilvestro

Athletic Director
Chuck Smith

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Standards-Based Learning

Developing a School Culture Focused on Learning

According to The Glossary of Education Reform, standards-based grading "refers to systems of instruction, assessment, grading, and academic reporting that are based on students demonstrating understanding or mastery of the knowledge and skills they are expected to learn as they progress through their education." In 2014, The Schools of McKeel began to embark on the journey towards leading our school system into this type of reform. At McKeel Academy of Technology (MAT), we began by utilizing information that was received through an Assessment Training Institute conducted by Pearson. This information was presented to our instructional staff with the goal of understanding the value of creating assessments and developing learning geared towards the Florida Standards designed for each course. The feedback from these trainings then led us, over the next two years, to conduct Professional Learning Communities (PLC's) with our classroom teachers. The PLC's were focused around books by well-known authors such as Rick Wormeli, Myron Dueck, and Dr. Robert Marzano.

The next component of the master plan to work towards a standards-based grading system has been sending a group of administrators and teachers to the Solutions for Standards-Based Grading Workshop that takes place at the Marzano Research Center in Centennial, Colorado. Dr. Marzano and his staff helps participants fully understand the necessity for prioritizing standards, developing quality assessments, and creating proficiency scales. The knowledge gained at this workshop has assisted participants in coming back to MAT to train the rest of the instructional staff. The benefits of these individuals' trainings have been so beneficial in assisting our staff to become efficient in the implementation of the strategies that The Schools of McKeel Academy has decided to have a team from Marzano Research Center come to conduct training for our entire staff. In the meantime, our teachers have begun developing lessons and assessments that are geared to the Florida Standards for their course as well as ensure that students master the content of these standards. However, as a school, we have not fully implemented Standards-Based Grade Reporting. We will continue to improve the knowledge and skills that we have obtained up to this point in our plan during the 2019-2020 school year.

Standards-Based Grading and Grade Reporting are going to be utilized in a way that will assist our school in continuing to be a High Performing Charter School. We look forward to fully implementing the strategies that go along with this reform.

Graduation Requirements

McKeel Academy of Technology's requirements for graduation exceed those set forth by the State of Florida. Each cohort, who is determined by the year in which the student enters 9th grade, has its own unique set of requirements. Additional state assessments may be required to earn Scholar Designation. Industry Certifications are required to earn Merit Designation. Please reference the student's cohort specific requirements listed in the appendix.

General Graduation Requirements

English	4 credits
Math	4 credits
Science	4 credits
Social Studies	4 credits
Personal Fitness & Other PE	1 credit--must have 0.5 credit of Personal Fitness and 0.5 of other PE
Practical/Performing Arts	1 credit
Online Course	Successful completion of a course through Edgenuity or an online Dual Enrollment course.
Electives	6 credits ● 4 credits in Career Academy/Program of Study major ● 2 credits in other elective courses, which may be combined for a second Career Academy major or minor
State Assessments	Passing scores needed for: ● FSA Grade 10 ELA ● Algebra 1 EOC
GPA	Cumulative 2.0 or higher
Senior Internship	Seniors will complete a 60-hour internship and participate in the Senior Expo.

School Policies

Academic Policy

The Schools of McKeel Academy strive to provide a rigorous, relevant learning environment for all students. In order to maintain this rigor, students are required to meet a set of criteria.

MAT students will:

- Earn an overall final GPA of at least 2.0 for the year **and**
- Earn a final grade average of C or higher for semester 1 and 2 in English/Language Arts, Math, Science, and Social Studies
- High School students must earn credit each semester for all scheduled classes
- Middle School Students must successfully complete* all scheduled classes.

** Pursuant to Florida Statue 1003.4156, in order for a student to be promoted to high school from middle grades, the student must successfully complete the following courses:*

a. *Three middle grades or higher courses in English Language Arts (ELA).*
b. *Three middle grades or higher courses in mathematics.*
c. *Three middle grades or higher courses in social studies.*
d. *Three middle grades or higher courses in science.*

The term "successful completion" is defined as earning a grade of a D or higher in each semester of the courses listed above. With the exception of Civics and Algebra I, the letter grade for each semester is determined by the numerical grades for grading period 1 and 2 averaged to determined the semester one letter grade and the numerical grades for grading period three and four averaged to determine the semester two letter grade. For Civics and Algebra 1, the grade is determined by a combination of 35% of the semester one average, 35% of the Semester two average, and 30% of the EOC score.

Any of the following may result in dismissal from McKeel:

- Excessive absences, tardies or early checkouts per year*
- Behavior probation or other serious breach of conduct

*Students who are absent for a serious illness will need to provide verification from a doctor. The final decision for promotion, retention, and dismissal lies with the Academic Policy committee. This committee includes the principal or designee and may include teachers, team leader, and guidance counselor.

Athletic Eligibility

A 2.0 grade point average required for athletic eligibility. A student must have a cumulative 2.0 GPA on a 4.0 un-weighted scale, or its equivalent, at the conclusion of each semester to be academically eligible during the next semester (s. 1006:15 (3)(a)1, Florida Statutes). The grades

from all courses that a student takes must be included in the student's cumulative GPA at the conclusion of each semester. For public school students, this includes the courses listed in s. 1003.4282, Florida Statues.

Academic eligibility/ineligibility is for one semester. A student who is academically eligible at the beginning of a semester will continue to be academically eligible for that entire semester. Likewise, a student who is academically ineligible at the beginning of a semester will continue to be academically ineligible for that entire semester, except as provided in by-law 9.4.5.1.2: The student's academic eligibility for each successive semester will depend upon his/her cumulative GPA at the conclusion of the previous semester. 9.4.1.3 Attendance during previous two consecutive semesters required. A student cannot be academically eligible if he/she has not attended school and received grades for all courses taken during the previous two consecutive semesters. *(FHSAA By- Laws.)*

Course Registration Procedures

In the spring each year, students and parents will complete a course registration form for the next school year. It is very important that the student and parent make informed decisions on the courses they wish to take. Students will need to submit their completed form electronically, via the Naviance program, for consideration and approval. Counselors will place students in the appropriate core classes based on previous academic performance and test history. To see a list of course requirements refer to the Course Progression Plans in Appendices B-E.

Students will choose a Program of Study in eighth grade and may change their Program of Study one time until their 10th grade year. In order to complete all of the courses in a program, the student will need to remain in the program for a minimum of four years. Students may take courses in multiple Programs of Study, however the first choice determines their primary focus.

Students are required to take a full schedule of credit-bearing classes each semester. These classes can be all MAT classes or a combination of MAT and PSC Dual Enrollment Classes (on MAT or PSC Campuses, or online through PSC). Classes taken online are allowed upon approval but are **in addition to** the student's full schedule of courses. Each student is required to take a minimum of one online course to meet graduation requirements. These online courses will be provided through McKeel Academy's online course provider, Edgenuity. A student must request a course using the Online Course Request form found under the Academics tab on our website. However, a student must not have a grade lower than a C in any of their current courses to request to enroll in an online course.

Schedule Change Policy

Changes in schedules are allowed, with permission of the School Counselor, until the end of the first full week of school. Students must send their counselor an email to request the change. It must be emphasized that changing a course frequently affects various aspects of multiple courses (for example, class size) so every request may not be honored.

Any schedule changes requested after the deadline MUST follow these steps:

1. The parent must request a teacher conference either through the teacher or the student's School Counselor prior to the first Interim Report. The student, parent, teacher, and school counselor will be present at this conference.
2. Depending upon the outcome of the conference, a success plan may be formulated between student, parent, teacher and counselor. The success plan will be implemented for a minimum of 4 weeks before a schedule change will be made. The student must make a good-faith effort to implement the success plan before any change will be considered.

*NO schedule changes will be made after the first semester.

Office/Teacher Assistant

Students may request to be an office/teacher aide for one class period only if all other elective course options have been exhausted. This course consists of assisting in an office or classroom with clerical duties and errands. These positions are limited and first-come, first-served. The following criteria is used in the registration of students for this option:

1. Student must be a junior or senior.
2. Students must be ahead in credits earned towards graduation.
3. Students may NOT drop a course in order to become a TA.
4. Students may only have ONE office/teacher assistant class per year.
5. Students should have an alternate elective choice if all available teacher's assistant positions are filled.

Senior Internship

To meet McKeel Academy of Technology graduation requirements, it is necessary for all seniors to participate in McKeel's Senior Internship Program. It is to be completed the summer preceding their senior year or during their first semester of senior year. Please refer to the MAT Student Handbook for additional information.

Florida Bright Futures Scholarship

**Please note that these requirements can change each year, information as of 7-16-19; please visit www.floridastudentfinancialaid.org for additional information.*

Florida Bright Futures Scholarship Guidelines

	Florida Academic Scholarship (FAS) -Covers 120 credit hours-	Florida Medallion Scholarship (FMS) -Covers 120 credit hours-	Florida Gold Seal Vocational (GSV) -Covers 72 credit hours-	
Award Amount[1]	Up to: $1,545/semester – 4 year $945/semester – 2 year $780/semester –Voc. Center	Up to: $1,155/semester – 4 year $720/semester – 2 year $585/semester – Voc. Center	Up to: $720/semester – AS, AAS, CCC $585/semester – PSAV* $585/semester – ATD*	
Requirements:				
1. GPA	3.5 weighted in core classes only	3.0 weighted in core classes only	3.0 weighted in core classes AND 3.5 in 3yrs in the same vocational program	
2. Core Classes	4- English (3 with substantial writing) 4- Math (Algebra 1 & Above[2]) 3- Science (2 with substantial lab) 3- Social Science 2- World Language - (sequential, in the same language)	4- English (3 with substantial writing) 4- Math (Algebra 1 & Above[2]) 3- Science (2 with substantial lab) 3- Social Science 2- World Language - (sequential, in the same language)	4- English 4- Math (Including Algebra 1[2]) 3- Science 3- Social Science (2 with substantial lab) 1- Fine Arts; OR 1 Identified Practical Art; OR .5 credit in each .5 credit in any P.E. course .5 credit of Personal Fitness +3 Career Tech Ed credits in a vocational program over 2 academic years	
3. Service Hours	100 Hours	75 Hours	30 Hours	
4. Test Scores	SAT – 1290 (CR & Math only) ~OR~ ACT – 29 (Composite)	SAT – 1170 (CR & Math only) ~OR~ ACT – 26 (Composite)	SAT – 440 (CR) & 440 (Math)	
			ACT 17 English 19 Reading 19 Math	PERT 106 Reading 103 Writing 114 Math

[1]Award amounts are approximate and subject to change after each legislative session. [2]Algebra 1A/1B count as one credit.
*PSAV – Career Certificate Program / ATD – Applied Technology Diploma Program

Academic Paths

McKeel Academy has designed three academic paths structured to challenge every student's individual ability. Students are placed on an academic path that allows them to achieve all graduation requirements and assists them in pursuing their postsecondary goals. Paths are determined based on previous academic performance and state assessment scores. A student may take courses from multiple paths to accommodate the student's academic needs.

- The Scholar Path is designed for students who are highly motivated academically and have a history of excelling in their courses and on state assessments.

- The Honors Path includes courses with additional rigor and pacing for students that have a history of above average grades and state assessment scores.

- The Standard Path is a general graduation route that meets all MAT and state graduation requirements.

**For specific information, see the Course Progression Plans in Appendices B-E*

Programs of Study

A Personalized Education Plan for Every Student

CREaTE

The CREaTE (Computer Science, Robotics, Electronics and Technical Education) Academy is an exciting choice for inventive and creative students curious about a variety of pre-engineering fields to design a course of study tailored to their interests and talents! The program will offer in-depth exploration of robotics, electronics and Computer Science, as well as exposure to other engineering fields. In a collaborative setting, students will use programming, electronics, mechanics, art, design principles, 3D design and fabrication and more, and will leave the program with a portfolio of technical accomplishments that will be helpful in the college application process.

Students will earn industry certification in pre-Engineering, and may choose to add Robotics along with several other industry-specific certifications and college-level courses.

Electives courses specific to this program:

- Middle School CREaTE Wheel
- Robotics I
- Robotics II
- Robotics III *OR* AP Computer Science P *OR* Advanced Information Technology
- Robotics IV *OR* AP Computer Science A

Legal Studies

The Legal Studies Program provides students who have an interest in and curiosity about the law, law-related fields, and legal and ethical issues, the opportunity to extend their knowledge beyond the typical high school program. This program offers students the opportunity to embrace not only an academic curriculum that will prepare them for post-secondary education, but will also allow them career exploration within the area of legal studies. The courses promote academic excellence through an emphasis on advanced analytical thinking, research, writing and oratory presentation to understand complex issues within the law and society. Courses of study are extended through law-related seminars and field trips. Students will experience many hands-on activities, such as criminal investigations, internships and mock trials in the classroom.

Elective Courses specific to this program are:

- M/J Law Studies
- Legal Systems and Concepts

- Comprehensive Law Honors
- Constitutional Law
- Court Procedures
- International Law

Medical Academy

The Medical Academy is an opportunity for students to be introduced to various healthcare careers in preparation for a healthcare certification or post-secondary health career education. This program provides many hands-on experiences through classroom activities, labs, and internships. This program provides an opportunity to obtain valuable National Healthcareer Association (NHA) certifications, such as the Electrocardiogram (EKG) Technician certification, Certified Medical Administrative Assistant (CMAA) certification and Certified Nursing Assistant (CNA).

Elective Courses specific to this program are:

- Medical Skills
- Health Science Anatomy and Physiology Honors
- Health Science Foundations Honors
- Allied Health Honors-CNA
- Electrocardiograph Aide Honors
- Anatomy and Physiology Honors

Digital Imagery Academy

The Digital Imagery Academy is a five-year career and professional academy that contains two different career tracks. One focuses on computer applications geared towards graphic design, media, and advertising. While the second begins with an introduction to business and business practices and moves into the field of marketing. Students will be introduced to many job opportunities related to the digital field such as, graphic designer, multimedia developer, marketing consultant, marketing analyst etc. This academy offers industry certifications in Adobe products, such as Photoshop, InDesign, and Premiere.

Elective Courses Specific to this program are:

- Digital Information Technology or M/J Business
- Digital Design 1 and/or Marketing Essentials
- Digital Design 2 (Honors) and/or Marketing Applications
- Digital Design 3 (Honors) and/or Marketing Management

- Digital Design 4 (Honors) and/or Introduction to Business (Dual Enrollment course)

Scholastic Program—Grades 10-12

This program of study is designed for highly motivated students who desire to undertake college-level study while in high school. It enables students to complete a high school diploma while having the opportunity to meet many of the requirements needed to earn an Associate's Degree. These requirements are met through a combination of Advanced Placement (AP) and Dual Enrollment courses.

Elective Courses Specific to this program:

- Students are afforded the opportunity to be enrolled in a full schedule of various AP and Dual Enrollment courses to meet their educational needs. Each spring; AP applications are submitted by the student to the appropriate teacher and a Dual Enrollment Course Request Form is completed. These applications and forms are in addition to the regular Course Request Form to be completed.

Dual Enrollment

Polk State College (PSC) has approved McKeel Academy of Technology as an instructional site where courses leading to an Associate in Arts (AA) degree or an Associate of Science (AS) degree may be offered. This approval allows highly motivated students to take college courses on our campus, receiving both high school and college credit simultaneously.

Program Information

- PSC courses are college courses that are offered each semester on our campus.
- Highly qualified instructors, credentialed by PSC, teach dual Enrollment courses.
- Courses can be taken on our campus, at Polk State, or online.
- All PSC courses taught on our campus have the same content and rigor as those taught at PSC.
- PSC is an equal opportunity college. For more information visit www.polk.edu.
- Parents are advised that due to FERPA laws, they do not have access to their high school student's college course grades, attendance or transcript without signing a PSC approved access form signed by the student and parent.
- Taking a Dual Enrollment course begins a student's college GPA. This GPA may affect scholarship opportunities, and/or college admission.
- Students who do not complete Dual Enrollment courses successfully may be responsible for any costs associated with the course, as applicable.

Program Benefits

- All Dual Enrollment classes, fees, and textbooks are provided by MAT or PSC.
- Dual Enrollment students may begin their college careers at PSC as sophomores depending on their qualifications and core credits earned.
- Dual Enrollment students may pursue course work towards an Associates Degree on MAT or PSC campuses.
- Each student who successfully completes a Dual Enrollment course earns high school credit while simultaneously earning college credit.

Program Requirements

- Dual Enrollment students must have a 3.5 unweighted cumulative high school GPA and be a current sophomore, junior or senior.
- Dual Enrollment students must not be in Intensive Reading.
- Dual Enrollment students must pass the reading and writing sections of the Postsecondary Education Readiness Test (PERT). Students must pass the math section to take dual

enrollment math courses. ACT/SAT scores may be substituted for the PERT in some instances.
- A grade of 'C' or higher is considered a successful completion of a Dual Enrollment course.
- Please see www.polk.edu for course descriptions. Not all courses listed are offered on our campus.
- Courses are offered based on student interest and instructor availability.
- All interested parties should contact their School Counselor.
- Complete a PSC online application and online orientation through www.polk.edu.
- Complete the High School Approval Form (on MAT website)--this form must be submitted to your guidance counselor prior to registration.
- Complete a Dual Enrollment Contract each year.

Requirements to Enroll as a Full Time Early Admission Student at PSC

- Must be a senior with a 3.5 unweighted cumulative high school GPA.
- Passed all required state assessments.
- Earned a B or higher in both semesters of Algebra II.
- Must have met online requirement for graduation.
- Students are required to complete the Senior Internship the summer prior to their senior year.

Requirements to Continue as a Full Time Early Admission Student

- Earn a C or higher in all PSC courses.
- Maintain a cumulative 2.0 college GPA.
- Maintain a cumulative 3.5 unweighted high school GPA.

Advanced Placement

The AP Program gives high school students the opportunity to pursue college level studies while still in high school with the possibility of receiving college credit by earning a passing score on the AP final exam. Your student can choose from up to 19 AP courses that give them the knowledge and skills to help them succeed in college. Courses at this level of rigor require students to perform at college-level and may demand extra effort and time. AP courses make it possible for academically talented students to increase the challenge of their studies.

Characteristics of successful students in the AP Program include:

- Above average reading comprehension skills
- Is an avid reader
- Has superior writing skills
- PSAT scores of 45-50 or higher
- GPA of 3.5 or higher
- Is a self-starter

Requirements to enroll in AP Courses

- Students must have a minimum 3.5 unweighted cumulative high school GPA.
- Complete and submit AP Course Application(s) for the desired course.
- Teacher recommendation, specific to AP course(s).
- Signed AP Contract with parent and student signature.
- Performance in previous Honors level courses with a B or higher.
- Performance in previous AP courses with a C or higher.
- Earned passing scores on the FSA ELA state assessment.
- Completion of Senior Internship the summer prior to their senior year.
- Once accepted, students will meet with the AP teacher(s) to review expectations and summer coursework.*
- Summer coursework must be completed by the specified deadline. If students do not complete the summer coursework, they will be removed from the course.

*AP Teachers will provide specific course expectations (such as an expected amount of homework time to plan for, etc.), as well as an application for their course. If a student fails to sit for an AP exam, the course records will be amended to show that the course credit was revised to a non-Advanced Placement weighted course code and the additional AP weighting will not be calculated in the grade point average.

*Course Expectations and requirements for each course are placed on the back of the Course Registration Form. (For example: AP Biology - must have taken Chemistry 1 and Biology 1 as prerequisites; expect 2-3 hours of reading, writing, or studying each night.)

Procedure for dropping an AP Course

- The parent must request a teacher conference through the student's Guidance Counselor prior to the first Interim Report. The student, parent, teacher, and guidance counselor will be present at this conference.
- Depending upon the outcome of the conference, a success plan may be formulated between student, parent, teacher and counselor. The success plan will be implemented for a minimum of 4 weeks before a schedule change will be made. The student must make a good-faith effort to implement the success plan before any change will be considered. **NO schedule changes will be made after the first quarter. Please refer to the Schedule Change Policy previously addressed.**
- Parents must reimburse the school for curriculum expenses, as applicable.
- If a student drops an AP course or fails to sit for an AP exam, the course records will be amended to show that the course credit was revised to a non-Advanced Placement weighted course code and the additional AP weighting will not be calculated in the grade point average.
- In addition to the AP Exam, students may also take a cumulative exam at the end of the course that will constitute for 30% of their final grade.

Academic Course Descriptions

English/Language Arts

10010400

Language Arts 2 Grade 7

The purpose of this course is to provide students an integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness using texts of high complexity.

10010500

Language Arts 2 Advanced Grade 7

The purpose of this course is to provide students an advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness using texts of high complexity.

10000100

M/J Intensive Reading Grades 7-8

All students who score a level 1 on the FSA ELA will participate in this year-long course, as required by the state. The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write middle grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Student progress will be monitored throughout the year to ensure students are making the gains necessary to be successful on the FSA ELA.

10010700

Language Arts 3 Grade 8

The purpose of this course is to build upon the skills from the seventh grade course and continue an integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness using texts of high complexity.

0010800

Language Arts 3 Advanced Grade 8

The purpose of this course is to build upon the skills from the seventh grade course and continue an advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness using texts of high complexity.

10004100

Intensive Reading Grades 9-12

All students who score a level 1 on the FSA ELA will participate in this year-long course. The purpose of this course is to continue instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Student progress will be monitored throughout the year to ensure students are making the gains necessary to be successful on the FSA ELA.

10013100

English I Grade 9

The purpose of this course is to provide students a study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course may include the following: active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn; analysis of literature and informational texts from varied literary periods to examine: text craft and structure, elements of literature, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting on language, personal critical and aesthetic response; writing for varied purposes; effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions; collaboration amongst peers.

10013200

English I Honors Grade 9

The purpose of this course is to provide students an advanced study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course will include skills from English I as well as the following: reading assignments from longer text passages, as well as shorter ones when text is extremely complex; making close reading and rereading of texts central to lessons; asking high-level, text-specific questions and requiring high-level, complex tasks and

assignments; requiring students to support answers with evidence from the text; providing extensive text-based research and writing opportunities (claims and evidence).

10093000

Creative Writing **Grades 9-10**

The purpose of this course is to enable students to develop and use grade level 9-10 writing and language skills in a variety of writing formats for argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

10013400

English II **Grade 10**

The purpose of this course is to build upon the skills from English I and continue a study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course may include the following: active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn; analysis of literature and informational texts from varied literary periods to examine: text craft and structure, elements of literature, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting on language, personal critical and aesthetic response; writing for varied purposes; effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions; collaboration amongst peers.

10013500

English II Honors **Grade 10**

The purpose of this course is to build upon the skills from English I Honors and continue an advanced study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course will include skills from English II as well as the following: reading assignments from longer text passages, as well as shorter ones when text is extremely complex; making close reading and rereading of texts central to lessons; asking high-level, text-specific questions and requiring high-level, complex tasks and assignments; requiring students to support answers with evidence from the text; providing extensive text-based research and writing opportunities (claims and evidence).

10013700

English III **Grade 11**

The purpose of this course is to build upon the skills from English II and continue a study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course may include the following: active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn; analysis of literature and informational texts from varied literary periods to examine: text craft and structure, elements of literature, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting on language, personal critical and aesthetic response; writing for varied purposes; effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions; collaboration amongst peers.

10013800

English III Honors **Grade 11**

The purpose of this course is to build upon the skills from English II Honors and continue an advanced study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course will include skills from English III as well as the following: reading assignments from longer text passages, as well as shorter ones when text is extremely complex; making close reading and rereading of texts central to lessons; asking high-level, text-specific questions and requiring high-level, complex tasks and assignments; requiring students to support answers with evidence from the text; providing extensive text-based research and writing opportunities (claims and evidence).

10014000

English IV **Grade 12**

The purpose of this course is to build upon the skills from English III and continue a study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course may include the following: active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn; analysis of literature and informational texts from varied literary periods to examine: text craft and structure, elements of literature, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting on language, personal critical and aesthetic response; writing for varied purposes; effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions; collaboration amongst peers.

10014100

English IV Honors Grade 12

The purpose of this course is to build upon the skills from English III Honors and continue an advanced study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The course will include skills from English IV as well as the following: reading assignments from longer text passages, as well as shorter ones when text is extremely complex; making close reading and rereading of texts central to lessons; asking high-level, text-specific questions and requiring high-level, complex tasks and assignments; requiring students to support answers with evidence from the text; providing extensive text-based research and writing opportunities (claims and evidence).

10014200

Advanced Placement Language Composition Grade 11-12

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. ***Placement in this course requires a course application and approval.***

10014300

Advanced Placement Literature & Composition Grade 11-12

This course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. ****Placement in this course requires a course application and approval.***

Social Studies

21060100

Civics Grade 7

The primary content for this course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

21000150

U.S. History & Career Planning Grade 8

The content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. Additionally, students will begin researching different careers to create a plan for their future employment. The addition of higher-level texts, complex tasks and assignments, and extensive research-based writing makes this course more rigorous and challenging.

21043000

Introduction to the Social Sciences Grade 9

The primary content emphasis for this course pertains to the study of the scope, focus and methodology of the social sciences through an overview of its various disciplines. Content should include, but is not limited to essential concepts in the fields of anthropology, economics, geography, history, political science, psychology and sociology, inquiry methodologies, measurement techniques, interdisciplinary strategies, leading contributors in the major fields of social science, and development of effective logic and reasoning skills.

21093100

World History Grade 10

The World History course consists of the following content topics: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events,

students will have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

21093200

World History Honors Grade 10

In addition to the content covered in World History, students in the Honors course will have learning opportunities to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are expected to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc.

21003100

American History Grade 11

The United States History course consists of the following content topics: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students will have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

21003200

American History Honors Grade 11

In addition to the content covered in American History, students in the Honors course will have learning opportunities to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are expected to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc.

21063100-Semester
United States Government Grade 12
The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content will include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

21063200-Semester
United States Government Honors Grade 12
In addition to the content covered in United States Government, students in the Honors course will have learning opportunities to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are expected to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc.

21023100 --Semester
Economics Grade 12
The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content will include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

21023200-Semester
Economics Honors Grade 12
In addition to the content covered in Economics, students in the Honors course will have learning opportunities to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are expected to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc.

21034000

Advanced Placement Human Geography Grade 9-12

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). ***Placement in this class requires an application and approval.***

21094200

Advanced Placement World History Grade 10-12

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. ***Placement in this class requires an application and approval.***

21003400

Advanced Placement United States History Grade 11-12

The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas, the AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. It also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth. ***Placement in this class requires an application and approval.***

21064200-Semester
AP United States Government and Politics Grade 12
AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. ***Placement in this class requires an application and approval.***

21023600-Semester
Advanced Placement Microeconomics Grade 12
AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. ***Placement in this class requires an application and approval.***

Social Studies Elective Courses

21073500
Advanced Placement Psychology
Grades 10-12
The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. ***Placement in this class requires an application and approval.***

Mathematics

12050400

M/J Mathematics 2 Grade 7

In this course students will develop an understanding of and applying proportional relationships; develop an understanding of operations with rational numbers and working with expressions and linear equations; solve problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and draw inferences about populations based on samples.

12050500

M/J Mathematics 2 Advanced Grade 7

In this course students will solve problems involving scale drawings and informal geometric constructions, and work with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; draw inferences about populations based on samples; formulate and reason about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasp the concept of a function and using functions to describe quantitative relationships; and analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

12050700

M/J Pre-Algebra Grade 8

In this course students will formulate and reason about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasp the concept of a function and using functions to describe quantitative relationships; analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

12003100

Algebra I Grade 9

This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, operations with radical expressions, solving quadratic equations, ratios and proportions. Students must pass the Algebra I End Of Course exam in order to graduate and the score is factored in as 30% of their final grade.

12003200

Algebra 1 Honors Grades 8-9

Algebra 1 Honors is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to, functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, operations with radical expressions, solving quadratic equations, ratios and proportions. Algebra 1 Honors includes a rigorous, in-depth study of all of the topics included in Algebra I, as well as absolute value equations and inequalities, operations with rational expressions, solving rational equations and characteristics of quadratic graphs. Students must pass the Algebra I End Of Course exam in order to graduate and the score is factored in as 30% of their final grade.

12003700

Algebra 1-A/B Grade 9 and 10

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

12063100

Geometry Grade 10

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Geometry End Of Course exam will be factored in as 30% of their final grade.

12063200

Geometry Honors Grades 9-10

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and

deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Geometry End Of Course exam will be factored in as 30% of their final grade.

12003870

Financial Algebra Grade 11

This course strengthens operations of real numbers, ratio and proportion, percent's, the algebra of sets, integers, polynomials, factoring, algebraic expressions, equations and inequalities, graphs, systems of linear equations and inequalities, quadratic equations and the geometry of angles, lines, polygons, similarity and congruence.

12003300

Algebra II Grades 11-12

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

12003400

Algebra II Honors Grades 10-11

Building on their work with linear, quadratic, and exponential functions, students will deepen their repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions, and continue to deepen and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

12007000

Math for College Readiness Grade 12

This course is targeted for grade 12 students, whose test scores on the Postsecondary Education Readiness Test (P.E.R.T.) are at or below the established cut scores for mathematics, indicating that they are not yet "college ready" in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number

and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

12023400

Pre-Calculus Honors Grades 11-12

This course combines Pre-Calculus and Trigonometry. Semester 1 includes algebraic, rational, polynomial exponential and logarithmic functions and equations, and graphing of conic sections. This course emphasizes the study of functions and other skills necessary for the study of calculus. Topics will include polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra. A graphing calculator is recommended. Students who plan to take AP Calculus are required to take this course.

12013150

Analysis of Functions Honors Grade 12

The content of this course includes the study of polynomial and rational functions, exponential and logarithmic functions, and trigonometric and circular functions. Probability and statistics may be included.

12013000

Mathematical Analysis Honors Grade 12

The major emphasis of this course is to provide the college-bound student with the background needed to pursue careers, which require a significant level of mathematical preparation. Specific topics in this course include all of the trigonometric topics, including polar coordinates and vectors. Advanced algebra topics of exponential functions, logarithms, and sequences and series are also taught. Appropriate use of technology is integrated into the curriculum. Skills and problem solving involving realistic applications are stressed.

12023100

Advanced Placement Calculus AB Grades 11-12

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and

support conclusions. Prerequisite--must have successfully passed Pre-Calculus Honors. ***Placement in this class requires an application and approval.***

12023200

Advanced Placement Calculus BC Grade 12

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Prerequisite--must have successfully passed AP Calculus AB. ***Placement in this class requires an application and approval.***

12023200

Advanced Placement Statistics Grades 11-12

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students must have taken second-year algebra before enrolling in AP Statistics. ***Placement in this class requires an application and approval.***

Science

20020700

Comprehensive Science 2 Grade 7

This course will cover laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

20020800

Comprehensive Science 2 Advanced Grade 7

This course will cover more in depth laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

20021100

Comprehensive Science 3 Advanced Grade 8

This course will extend a student's knowledge in laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

20023100

Earth Space Science Grade 9

Laboratory investigations, which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures, are an integral part of this course.

20023200

Earth Space Science Honors Grades 8-9

This course encompasses rigorous laboratory investigations, which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures.

20003100

Biology I Grade 10

This course introduces the scientific method, scientific measurement, laboratory safety and use of apparatus, cell biology and reproduction, basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants and animals, structure and function of the human body, and ecological relationships. Students will take the Biology End Of Course Exam, which will be factored, at 30% of their final grade.

20003200

Biology I Honors Grades 9-10

This course includes the study of microorganisms, plants and animals, scientific methodology, cell biology, genetics, evolution, classification of living organisms, and ecological relationships. Molecular biology and the cell chemistry are the major features of this course for students with high motivation to learn and develop academic skills. This course includes many projects and much group work. Students will take the Biology End Of Course Exam which will be factored at 30% of their final grade.

20033400

Chemistry I Grades 11-12

This course is designed to cover classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, physical changes, acids, bases and salts, and energy associated with physical and chemical changes. Prerequisites: Consistent “A” or “B” in Algebra I and in Biology I.

20033500

Chemistry I Honors Grades 10-12

This course is designed to promote the understanding of the properties of matter and the changes matter undergoes. Students will study elements and characteristics of elements using laboratory work as well as class work. Strong algebra skills and the ability to memorize and solve problems are important for success in chemistry. Prerequisite: an “A” or “B” in Biology Honors with teacher recommendation.

20033600

Chemistry II Honors Grades 11-12

This course is designed to extend the understanding of the properties of matter and the changes matter undergoes. Students will study elements and characteristics of elements using laboratory work as well as class work. Strong algebra skills and the ability to memorize and solve problems are important for success in chemistry. Prerequisite: an “A” or “B” in Chemistry I Honors with teacher recommendation.

20003600

Anatomy & Physiology Honors Grades 11-12

This course is designed for students who are interested in health science careers that require a two- or four-year college degree. It includes the study of the structure and function of each body system. Laboratory activities will include the scientific method, laboratory apparatus and safety, and comparative anatomy, including the dissection of a mammal. Topics of study require a great deal of memorization, and include anatomical and medical terminology, cells and tissues, homeostasis, the disease process and the immune response.

20033100

Physical Science Grades 10-12

Students will be able to learn and follow classroom and laboratory safety procedures. Students will be able to apply the processes of scientific investigation and design, safely conduct, communicate about and evaluate investigations. Students will understand the process of creating hypothesis and independent thinking. Students will understand the basis behind the study of science and chemistry.

20025100

Marine Science Grades 10-12

This course covers scientific method, safe and effective use of laboratory instruments, geography of the seas, marine geological features, anatomy, physiology and behavior of major groups of marine organisms, ecological chains, webs and cycles in the marine community, ways in which man benefits from the marine community, chemical and physical properties of ocean waters, the relationship between oceans and climate, and interaction of oceanography with technology & society. In general, the academic pace and rigor will be greatly increased for honors level course work.

20004400

Genetics Honors Grades 10-12

This course discusses the principles of genetics with application to the study of biological function at the level of molecules, cells, and multicellular organisms, including humans. The topics include: structure and function of genes, chromosomes and genomes, biological variation resulting from recombination, mutation, and selection, population genetics, use of genetic methods to analyze protein function, gene regulation and inherited disease.

20003400

Advanced Placement Biology Grades 10-12

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. ***Placement in this class requires an application and approval. Course offered every other school year.***

20033700

Advanced Placement Chemistry Grades 11-12

The AP Chemistry course provides students with a foundation to support future advanced coursework in chemistry. Through inquiry-based learning, student develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. ***Placement in this class requires an application and approval. Course offered every other school year.***

Foreign Language

07080000

M/J Spanish Grades 7-8

M/J Spanish Beginning introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this one-year course.

07083400

Spanish I Grades 8-11

Spanish 1 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. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

07083500

Spanish II Grades 9-12

Spanish 2 reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

07083600

Spanish III Honors Grades 10-12

Spanish 3 provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

07083700

Spanish IV Honors Grades 11-12

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

07083800

Advanced Placement Spanish Grades 11-12

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives

(values, attitudes, and assumptions). ***Placement in this class requires an application and approval.***

Electives

17005000

Advanced Placement Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.***Placement in this course requires an application and approval.***

17005100

Advanced Placement Research

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.
Placement in this course requires an application and approval.

02003250 and 02003350

Advanced Placement Computer Science

There are two computer science offerings, and students can take either course in any order. The AP Computer Science A course and exam continues to focus on computing skills related to programming in Java. The new AP Computer Science Principles course complements AP Computer Science A as it aims to broaden participation in the study of computer science. The courses underscore the importance of communicating solutions appropriately and in ways that are relevant to current societal needs. AP Computer Science courses can help address traditional issues of equity, access, and broadening participation in computing while providing a strong and engaging introduction to fundamental areas of the discipline.

01043400

Drawing 1 Grades 9-12

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination.

01043700

Painting 1 Grades 9-12

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in painting. Students practice, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

13033000

Chorus 1 Grades 9-12

This year-long, entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

13033100

Chorus 2 Grades 10-12

This year-long, beginning-level class, designed for students with one year of experience or less in a choral performing group, promotes the enjoyment and appreciation of music through performance of

basic, high-quality choral music. Rehearsals focus on the development of critical listening/aural skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

13033200

Chorus 3 Grades 11-12

This year-long, formative class, designed for students with previous participation in a school chorus who have basic knowledge of note-reading and vocal technique, concentrates on providing students opportunities to strengthen existing skills in critical listening, vocal techniques, and ensemble performance using high-quality three- and four-part choral literature.

13033300

Chorus 4 Grade 12

This year-long, intermediate-level class is designed for students with previous participation in a high school chorus and moderate skills in critical listening, vocal techniques, music literacy, and choral performance. Rehearsals focus on enhancing these skills and students' aesthetic engagement with music through a variety of high-quality three- and four-part choral literature, providing students with the means to learn how to reflect and use a combination of analytical, assessment, and problem-solving skills consistently to improve their own and others' performance.

13023000

Band 1 Grades 9-12

This year-long, entry-level class, designed for students having little or no previous band experience with woodwind, brass, and/or percussion instruments, promotes the enjoyment and appreciation of music through performance of high-quality, beginning wind and percussion literature from different times and places.

13023100

Band 2 Grades 10-12

This year-long, beginning-level class, designed for students with at least one year of woodwind, brass, and/ or percussion ensemble experience, promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature.

13023200

Band 3 Grades 11-12

This year-long, formative class, designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and

appreciation of music through performance of high-quality, intermediate-level wind and percussion literature.

13023300

Band 4 Grade 12

This year-long, intermediate-level course, designed for students who demonstrate proficiency in woodwind, brass and/or percussion techniques, music literacy, critical listening/aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and/or arranging.. Study includes cultivation of well-developed instrumental ensemble techniques and skills, music literacy and theory, and deeper aesthetic engagement with a wide variety of high-quality repertoire.

13013200

Guitar 1 Grades 9-12

Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barred and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles.

82012100

Digital Media/Multimedia Foundations 1-4 Grades 10-12

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster.

13043000

Music Technology and Sound Engineering Grades 9-12

Students explore the fundamental applications and tools of music technology and sound engineering. As they create and learn its terminology, students also learn the history and aesthetic development of technology used to capture, create, and distribute music. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

02003050

Computer Science Discoveries **Grades 9 – 12**

This course is designed to ease students into the basics of Computer Science using a variety of computational tools including blocks-based and text-based coding. Students will learn the fundamental skills and concepts behind software development, graphics, artificial intelligence, game design, E-commerce and digital electronics.

10093200-Semester

Creative Writing I **Grades 10-12**

The purpose of this course is to enable students to develop and use grade 9-10 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

10093300-Semester

Creative Writing II **Grades 10-12**

The purpose of this course is to enable students to develop and use grade 11-12 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

15013000-Semester

Personal Fitness **Grades 9-12**

The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness, which are critical for students' success.

15013100-Semester

Fitness Lifestyle Design **Grades 9-12**

The purpose of this course is to teach the skills necessary for a healthy lifestyle. Students will learn about nutrition, healthy habits, and ways to have an active lifestyle.

15033500/15033600-Semester

Team Sports I and II **Grades 10-12**

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

15013400/15013500/15013600-Semester
Weightlifting (Beginning, Intermediate, Advanced) Grades 10-12
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.

13003300
Advanced Placement Music Theory
The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight- singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized. ***Placement in this course requires an application and approval.***

Appendices

- Appendix A: Graduation Requirements
- Appendix B: Course Progression - Science
- Appendix C: Course Progression - Math
- Appendix D: Course Progression - English
- Appendix E: Course Progression - Social Studies
- Appendix F: Program of Study - Robotics
- Appendix G: Program of Study - Legal Studies
- Appendix H: Program of Study - Medical Academy
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- Appendix J: Program of Study - Interactive Design/Electronic Art (IDEA)
- Appendix K: Program of Study - Scholastic

Appendix A

Graduation Requirements
Students Entering Grade Nine in the 2016-2017 School Year and Forward
What Students and Parents Need to Know

What are the diploma options?

Students must successfully complete one of the following diploma options:

- 4-year McKeel Academy High School diploma
- 3-year McKeel Academy High School diploma

What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 ELA (or an ACT/SAT concordant score)
- Algebra I End-of-Course (EOC) or a concordant score on the PERT

Students must participate in the following EOC assessments and the results constitute 30 percent of the final course grade:

- Algebra I
- Biology I
- Geometry
- U.S. History
- Algebra II (if enrolled)

What are the requirements for the standard diploma option?

4 credits English/Language Arts (ELA)

- ELA I, II, III, IV
- ELA Honors, Advanced Placement (AP), and dual enrollment courses may satisfy this requirement

4 credits Mathematics

- Algebra I
- Geometry
- Two additional math credits
- Math Honors, Advanced Placement (AP), and dual enrollment courses may satisfy this requirement
- Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry)

4 credits Science

- Biology I
- Three additional science credits; two of which must be equally rigorous science courses
- Science Honors, Advanced Placement (AP), and dual enrollment courses may satisfy this requirement
- Industry certifications that lead to college credit may substitute for up to one science credit (except for Biology I)

- An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I)

4 credits Social Studies

- World History
- U.S. History
- U.S. Government (0.5 credits)
- Economics with Financial Literacy (0.5 credits)
- One additional social studies credit
- Social Studies Honors, Advanced Placement (AP), and dual enrollment courses may satisfy this requirement

1 credit Fine and Performing Arts, Speech and Debate, or Practical Arts

- Any band, chorus, or art class will satisfy this requirement
- Certain technology courses will satisfy this requirement

1 credit Physical Education

- To include the integration of health
- May be meet through participation in a sport sanctioned by FHSAA; see PE Waiver for more information

6 Elective credits

- Any combination of elective courses will satisfy this requirement
- Program of Study courses will satisfy this requirement

1 Online Course

- It is recommended that students complete their required online course during the summer

Students must earn a 2.0 grade point average on a 4.0 scale and successfully complete the Senior Internship.

*Eligible courses and course substitutions are specified in the Florida Course Code Directory at http://www.fldoe.org/articulation/CCD/default.asp

What are the requirements for standard diploma designations?

Scholar Diploma Designation

In addition to meeting the standard high school diploma requirements, a student must

- Earn 1 credit in Algebra II
- Earn 1 credit in Statistics or an equally rigorous mathematics course
- Pass the Biology I EOC
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry or Physics
- Pass the U.S. History EOC
- Earn 2 credits in the same World Language, and
- Earn at least 1 credit in AP or a dual enrollment course

A student is exempt from the Biology I or U.S. History assessment if the student is enrolled in an AP Biology I or AP U.S. History course and the student

- Takes the respective AP assessment, and
- Earns the minimum score to earn college credit

Merit Diploma Designation

In addition to meeting the standard high school diploma requirements, a student must

- Attain one or more industry certifications from the list established (per s.1003.492, F.S.)

Can a student who selects the 4-year McKeel program graduate early?

Yes, a student who completes all of the 4-year diploma requirements may graduate in fewer than eight semesters.

What is the distinction between the 3-year McKeel diploma option and the 4-year McKeel diploma option?

A 3-year diploma option

- Students are not eligible for Valedictorian and Salutatorian
- Earn 3 elective credits instead of 6
- Physical Education is not required
- Online course is not required

All other graduation requirements for a 4-year McKeel diploma must be met. The declaration to pursue a 3-year diploma must be declared by the summer between 10th and 11th grade. This option is contingent upon available seats in all classes.

Where is information on Bright Futures Scholarships?

The Florida Bright Futures Scholarship Program rewards students for their academic achievements during high school by providing funding to attend a postsecondary institution in Florida. For more information, go to http://www.floridastudentfinancialaid.org/SSFAD/bf/

What are the public postsecondary options?

State University System

Admission into Florida's public universities is competitive. Prospective students should complete a rigorous curriculum in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements:

- High school graduation with a standard diploma
- Admission test scores
- 16 credits of college preparatory academic courses
- 4 English (3 with substantial writing)
- 4 Mathematics (Algebra I level and above)
- 4 Natural Science (2 with substantial lab)

- 4 Social Science
- 2 World Language (sequential, in the same language)
- 2 approved electives

For more information, visit

http://www.flbog.edu/forstudents/planning

The Florida College System

Includes 28 state colleges. These institutions offer career-related certifications and two-year associate degrees that prepare students to transfer to a bachelor's degree program or to enter jobs requiring specific skills. Many also offer baccalaureate degrees in high-demand fields. Florida College System institutions have an open door policy. This means that students who have earned a standard high school diploma, have earned a high school equivalency diploma or have demonstrated success in postsecondary coursework will be admitted to an associate degree program.
For more information, visit http://fldoe.org/fcs

Where is information on financial aid?

The Office of Student Financial Assistance State Programs administers a variety of postsecondary educational state-funded grants and scholarships.
For more information, visit http://floridastudentfinancialaid.org

Appendix B

Course Progression Plan – Science

STANDARD PATH

Grade	Course	Requirements
7th	M/J Comprehensive Science II	
8th	M/J Comprehensive Science III	
9th	Earth/Space Science	
10th	Biology I	
11th	Physical Science	
12th	Chemistry I, Anatomy & Physiology, Physical Science, Marine Science, Genetics	

HONORS PATH

Grade	Course	Requirements
7th	M/J Comprehensive Science II Adv.	
8th	M/J Comprehensive Science III Adv.	
9th	Earth/Space Science Honors	Min. 3.5 GPA-8th Science & 3 on FSA Math
10th	Biology I Honors	Min. 3.5 GPA - Earth Space Hon.
11th	Chemistry I Honors or Physics Honors	Min. 3.5 GPA - Bio I Hon./Alg. I Hon./Alg. II Hon.; Alg. I EOC & Bio I EOC score of 3
12th	Chemistry II Honors or Physics Honors	Min. 3.5 GPA - Chemistry I Hon. & Alg. II Hon.

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

SCHOLAR PATH

Grade	Course	Requirements
7th	M/J Comprehensive Science II Adv.	
8th	Physical Science Honors	Min. 4.0 GPA-7th Science & Math, pass 7th FSA Math with 4
9th	Biology I Honors	Min. 4.0 GPA- E/S Hon.; 8th FSA Math score of 4 OR Alg. I EOC score of 4
10th	Chemistry I Honors	Min. 4.0 GPA-Bio I Hon; Bio I EOC score of 4
11/12TH	Chemistry II Honors, Physics Honors, AP Biology or AP Chemistry	Min. 4.0 GPA-Chem. I Hon., 3.5 GPA-Alg. II Hon.

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

Appendix C

Course Progression Plan – Math

STANDARD PATH

Grade	Course	Requirements
7th	M/J Math II	
8th	M/J Pre-Algebra	
9th	Algebra I	
10th	Geometry	
11th	Liberal Arts or Algebra II	Selection based on teacher recommendation.
12th	Algebra II or Math for College Readiness	Selection based on teacher recommendation.

HONORS PATH

Grade	Course	Requirements
7th	M/J Math II Advanced	SBG scores of 3 and above in Math 1 Adv.; FSA Math score of 3
8th	M/J Pre-Algebra	
9th	Algebra I Honors	Min. 3.5 GPA-Pre-Alg.
10th	Geometry Honors	Min. 3.5 GPA-Alg I Hon.; FSA Alg. 1 score of 4
11th	Algebra II Honors	Min. 3.5 GPA-Geo Hon.; FSA Alg. 1 score of 3 or above
12th	Math for College Readiness, Pre-Calculus, or Math Analysis Honors & Analysis of Functions Honors	Min. 3.5 GPA-Alg II to be placed in Math Analysis/Analysis of Functions; others based on teacher recommendation.

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

SCHOLAR PATH

Grade	Course	Requirements
7th	M/J Pre-Algebra	Scores of 4 in Math 1 Adv.; FSA Math score of 4 or above
8th	Algebra I Honors	Min. 4.0 GPA-7th Math Adv & 4 on FSA Math
9th	Geometry Honors	Min. 3.5 GPA-Alg. I Hon. & Pass Alg. I EOC
10th	Algebra II Honors	Min. 3.5 GPA-Geometry Hon. & Pass Geometry EOC
11th	Pre-Calculus, AP Calculus AB or AP Statistics	Min. 3.5 GPA-Alg. II Hon.
12th	AP Calculus AB, AP Calculus BC, or AP Statistics	Min. 3.5 GPA - Algebra I Hon., Alg. II Hon., Pre-Calculus, Pass All EOC with 5

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

Please Note: Students who do not pass the Algebra I EOC can meet the EOC requirement with a concordant score on the PERT, ACT, or SAT.

Appendix D

Course Progression Plan – English/Language Arts

STANDARD PATH

Grade	Course	Requirements
7th	M/J Language Arts II	
8th	M/J Language Arts III	
9th	English I	
10th	English II	
11th	English III	
12th	English IV	

HONORS PATH

Grade	Course	Requirements
7th	M/J Language Arts II Advanced	Scores of 3 and above in LAII; FSA scores of 3 or above
8th	M/J Language Arts III Advanced	Min. 3.5 GPA-7th LA Adv.; FSA ELA score of 3
9th	English I Honors	Min. 3.5 GPA-7th LA Adv.; FSA ELA score of 3
10th	English II Honors	Min. 3.5 GPA-7th LA Adv.; FSA ELA score of 3
11th	English III Honors	Min. 3.5 GPA-7th LA Adv.; FSA ELA score of 3
12th	English IV Honors	Min. 3.5 GPA-7th LA Adv.; FSA ELA score of 3

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

SCHOLAR PATH

Grade	Course	Requirements
7th	M/J Language Arts II Advanced	Scores of 3 and above in LAII; FSA scores of 3 or above
8th	M/J Language Arts III Advanced	Min. 4.0 GPA-7th LA Adv.; FSA ELA score of 4
9th	English I Honors	Min. 4.0 GPA-8th LA Adv.; FSA ELA score of 4
10th	English II Honors	Min. 4.0 GPA – English I Hon.; FSA ELA score of 4
11/12th	AP Language & Composition, AP Literature & Composition, or ENC 1101 & ENC 1102	Min. 4.0 GPA – English II Hon.; FSA ELA score of 4

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

Please Note: Students who do not pass the Language Arts portion of FSA will be required to take Intensive Reading until they earn a passing score on the exam.

Appendix E

Course Progression Plan – Social Studies

STANDARD PATH

Grade	Course	Requirements
7th	M/J Civics	
8th	M/J U.S History & Career Prep	
9th	World Cultural Geography	
10th	World History	
11th	U.S. History	
12th	American Gov. & Econ. w/ Fin. Literacy	

HONORS PATH

Grade	Course	Requirements
7th	M/J Civics	
8th	M/J U.S History Advanced	3.5 GPA 7th Civics, ELA FSA score of 3 or above
9th	World Cultural Geography	
10th	World History Honors	Min. 3.5 GPA - English 1 Hon. and World Cultural Geography, ELA FSA score of 3
11th	U.S. History Honors	Min. 3.5 GPA - English 2 Hon. and World History Honors, ELA FSA score of 3
12th	American Gov. Honors & Econ. w/ Fin. Literacy Honors	Min. 3.5 GPA - English 3 Honors and US History Honors, ELA FSA score of 3

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

SCHOLAR PATH

Grade	Course	Requirements
7th	M/J Civics	
8th	M/J U.S History Advanced	4.0 GPA 7th Civics, pass ELA FSA with 4
9th	AP Human Geography	Min. 4.0 GPA- M/J US History ADV, ELA FSA score of 4
10th	AP World History	Min. 4.0 GPA - English 1 Hon. and World Cultural Geography, ELA FSA score of 4
11th	AP U.S. History	Min. 4.0 GPA - English 2 Hon. and World History Honors, ELA FSA score of 4
12th	AP American Government & AP Microeconomics	Min. 3.5 GPA - English 3 Honors and US History Honors, ELA FSA score of 4

**If minimum requirements are not met to continue course progression, a mandatory parent conference must occur to develop new course progression plan.*

Appendix F

Program of Study: CREaTE

Standard Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep		Middle School CREaTE Wheel
9	English I	Algebra I	Earth/Space Science	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Foundations of Robotics
10	English II	Geometry	Physical Science	World History	Spanish II Music or Art	Robotic Design Essentials
11	English III	Liberal Arts or Algebra II	Biology I	U.S. History		Robotic Systems
12	English IV	Algebra II or Math for College Readiness	Chemistry I or Anatomy & Physiology	American Government & Economics with Financial Literacy		Robotic Applications

Honors Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts Adv III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep Adv		Middle School Robotics
9	English I Honors	Algebra I Honors	Earth/Space Science Honors	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Foundations of Robotics
10	English II Honors	Geometry Honors	Biology I Honors	World History Honors	Spanish II Music or Art	Robotic Design Essentials
11	English III Honors	Algebra II Honors	Chemistry I Honors	U.S. History Honors	Spanish III Honors	Robotic Systems
12	English IV	Math Analysis Honors/Analysis of Functions Honors or Pre-Calculus or Math for College Readiness*	Chemistry II Honors	American Government Honors & Economics with Financial Literacy Honors	Dual Enrollment (available grades 10-12)	Robotic Applications

**Placement based on PERT, ACT, or SAT scores.*

Scholar Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts Advanced III	Algebra I Honors	Earth/Space Science Honors	M/J Advanced U.S. History & Career Prep	Personal Fitness & one additional PE (must be completed over the summer) Spanish I	Middle School CREaTE Wheel
9	English I Honors	Geometry Honors or Geometry Honors & Algebra II Honors	Biology I Honors	AP Human Geography	Spanish II Music or Art	Foundations of Robotics
10	English II Honors	Algebra II Honors or Pre-Calculus Honors	Chemistry I Honors	AP World History	Spanish III Honors	Robotic Design Essentials
11	AP Language & Composition, AP Literature & Composition, ENC 1101, or ENC 1102	Pre-Calculus Honors, AP Calculus AB or AP Statistics	Chemistry II Honors, Physics Honors, AP Biology* or AP Chemistry	AP U.S. History	Spanish IV Honors	Robotic Systems OR AP Computer Science Principles OR Advanced Information Technology
12	AP Language & Composition, AP Literature & Composition, ENC 1101 & ENC 1102	AP Calculus AB , AP Calculus BC, or AP Statistics	Chemistry II Honors, Physics Honors, AP Biology* or AP Chemistry	AP American Government & AP Microeconomics	AP Spanish Dual Enrollment (available grades 10-12)	Robotic Applications OR AP Computer Science A OR Advanced Information Technology

**Course offered every other year.*

Appendix G

Program of Study: Legal Studies

Standard Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep		M/J Law Studies
9	English I	Algebra I	Earth/Space Science	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Legal Systems & Concepts
10	English II	Geometry	Physical Science	World History	Spanish II Music or Art	Comprehensive Law Honors
11/12	English III	Liberal Arts or Algebra II	Biology I	U.S. History		Constitutional Law

Honors Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts Adv III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep Adv		M/J Law Studies
9	English I Honors	Algebra I Honors	Earth/Space Science Honors	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Legal Systems & Concepts
10	English II Honors	Geometry Honors	Biology I Honors	World History Honors	Spanish II Music or Art	Comprehensive Law Honors
11/12	English III Honors	Algebra II Honors	Chemistry I Honors	U.S. History Honors	Spanish III Honors	Constitutional Law

**Placement based on PERT, ACT, or SAT scores.*

Scholar Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Advanced Language Arts III	Algebra I Honors	Earth/Space Science Honors	M/J U.S. Advanced History & Career Prep	Personal Fitness & one additional PE (must be completed over the summer) Spanish I	M/J Law Studies
9	English I Honors	Geometry Honors or Geometry Honors & Algebra II Honors	Biology I Honors	AP Human Geography	Spanish II Music or Art	Legal Systems & Concepts
10	English II Honors	Algebra II Honors or Pre-Calculus Honors	Chemistry I Honors	AP World History	Spanish III Honors	Comprehensive Law Honors
11/12	AP Language & Composition, AP Literature & Composition, ENC 1101, or ENC 1102	Pre-Calculus Honors, AP Calculus AB or AP Statistics*	Chemistry II Honors, Physics Honors, AP Biology, AP Chemistry	AP U.S. History	Spanish IV Honors	Constitutional Law

**Course offered every other year.*

Appendix H

Program of Study: Medical Academy

Standard Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep		Medical Skills
9	English I	Algebra I	Earth/Space Science	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Health Science I
10	English II	Geometry	Physical Science	World History	Spanish II Music or Art	Health Science II
11	English III	Liberal Arts or Algebra II	Biology I	U.S. History		Allied Health-CNA
12	English IV	Algebra II or Math for College Readiness	Chemistry I or Anatomy & Physiology	American Government & Economics with Financial Literacy		Electrocardiograph Aide

Honors Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts Adv III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep Adv		Medical Skills
9	English I Honors	Algebra I Honors	Earth/Space Science Honors	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Health Science I
10	English II Honors	Geometry Honors	Biology I Honors	World History Honors	Spanish II Music or Art	Health Science II
11	English III Honors	Algebra II Honors	Chemistry I Honors	U.S. History Honors	Spanish III Honors Anatomy & Physiology Honors	Allied Health-CNA
12	English IV Honors	Math Analysis Honors/Analysis of Functions Honors or Pre-Calculus or Math for College Readiness*	Chemistry II Honors	American Government Honors & Economics with Financial Literacy Honors	Dual Enrollment (available grades 10-12)	Electro-cardiograph Aide

**Placement based on PERT, ACT, or SAT scores.*

Scholar Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Advanced Language Arts III	Algebra I Honors	Earth/Space Science Honors	M/J Advanced U.S. History & Career Prep	Personal Fitness & one additional PE (must be completed over the summer) Spanish I	Medical Skills
9	English I Honors	Geometry Honors or Geometry Honors & Algebra II Honors	Biology I Honors	AP Human Geography	Spanish II Music or Art	Health Science I
10	English II Honors	Algebra II Honors or Pre-Calculus Honors	Chemistry I Honors	AP World History	Spanish III Honors	Health Science II
11	AP Language & Composition, AP Literature & Composition, ENC 1101, or ENC 1102	Pre-Calculus Honors, AP Calculus AB or AP Statistics*	Chemistry II Honors, Physics Honors, AP Biology*, AP Chemistry	AP U.S. History	Spanish IV Honors AP Psychology	Allied Health-CNA
12	AP Language & Composition, AP Literature & Composition, ENC 1101 & ENC 1102	AP Calculus AB , AP Calculus BC, or AP Statistics	Chemistry II Honors, AP Biology*, or AP Chemistry	AP American Government & AP Microeconomics	AP Spanish Dual Enrollment (available grades 10-12)	Electro-cardiograph Aide

**Course offered every other year.*

Appendix I

Program of Study: Digital Imagery Academy

Standard Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep		Introduction to Information Technology
9	English I	Algebra I	Earth/Space Science	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Digital Design I or Marketing Essentials
10	English II	Geometry	Physical Science	World History	Spanish II Music or Art	Digital Design II or Marketing Applications
11	English III	Liberal Arts or Algebra II	Biology I	U.S. History		Digital Design III or Marketing Management
12	English IV	Algebra II or Math for College Readiness	Chemistry I or Anatomy & Physiology	American Government & Economics with Financial Literacy		Digital Design IV or Introduction to Business

Honors Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Language Arts Adv III	M/J Pre-Algebra	M/J Comprehensive Science III	M/J U.S. History & Career Prep Adv		Introduction to Information Technology
9	English I Honors	Algebra I Honors	Earth/Space Science Honors	World Cultural Geography	Personal Fitness & one additional PE Spanish I	Digital Design I or Marketing Essentials
10	English II Honors	Geometry Honors	Biology I Honors	World History Honors	Spanish II Music or Art	Digital Design II or Marketing Applications
11	English III Honors	Algebra II Honors	Chemistry I Honors	U.S. History Honors	Spanish III Honors Anatomy & Physiology Honors	Digital Design III or Marketing Management
12	English IV	Math Analysis Honors/Analysis of Functions Honors or Pre-Calculus or Math for College Readiness*	Chemistry II Honors	American Government Honors & Economics with Financial Literacy Honors	Dual Enrollment (available grades 10-12)	Digital Design IV or Introduction to Business

**Placement based on PERT, ACT, or SAT scores.*

Scholar Path

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Advanced Language Arts III	Algebra I Honors	Earth/Space Science Honors	M/J Advanced U.S. History & Career Prep	Personal Fitness & one additional PE (must be completed over the summer) Spanish I	Introduction to Information Technology
9	English I Honors	Geometry Honors or Geometry Honors & Algebra II Honors	Biology I Honors	AP Human Geography	Spanish II Music or Art	Digital Design I or Marketing Essentials
10	English II Honors	Algebra II Honors or Pre-Calculus Honors	Chemistry I Honors	AP World History	Spanish III Honors	Digital Design II or Marketing Applications
11	AP Language & Composition, AP Literature & Composition, ENC 1101, or ENC 1102	Pre-Calculus Honors, AP Calculus AB or AP Statistics*	Chemistry II Honors, Physics Honors, AP Biology, AP Chemistry, or AP Physics	AP U.S. History	Spanish IV Honors AP Psychology	Digital Design III or Marketing Management
12	AP Language & Composition, AP Literature & Composition, ENC 1101 & ENC 1102	AP Calculus AB , AP Calculus BC, or AP Statistics	Chemistry II Honors, AP Biology* or AP Chemistry	AP American Government & AP Microeconomics	AP Spanish Dual Enrollment (available grades 10-12)	Digital Design IV or Introduction to Business

**Course offered every other year.*

Appendix J

Program of Study: Scholastic

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	PROGRAM OF STUDY ELECTIVES
8	M/J Advanced Language Arts III	Algebra I Honors	Earth/Space Science Honors	M/J Advanced U.S. History & Career Prep	Personal Fitness & one additional PE (must be completed over the summer) Spanish I	
9	English I Honors	Geometry Honors or Geometry Honors & Algebra II Honors	Biology I Honors	AP Human Geography	Spanish II Music or Art	
10	English II Honors	Algebra II Honors or Pre-Calculus Honors	Chemistry I Honors	AP World History	Spanish III Honors	Additional AP and Dual Enrollment courses (available grades 10-12)
11	AP Language & Composition, AP Literature & Composition, ENC 1101, or ENC 1102	Pre-Calculus Honors, AP Calculus AB or AP Statistics*	Chemistry II Honors, Physics Honors, AP Biology, AP Chemistry, or AP Physics	AP U.S. History	Spanish IV Honors AP Psychology	
12	AP Language & Composition, AP Literature & Composition, ENC 1101 & ENC 1102	AP Calculus AB , AP Calculus BC, or AP Statistics*	Chemistry II Honors, AP Biology*, AP Chemistry	AP American Government & AP Microeconomics	AP Spanish	

**Course offered every other year.*

Scholar Program students are encouraged to take as many dual enrollment courses as their schedule permits in order to give them the best opportunity to earn their AA degree simultaneously.