

MANATEE HIGH SCHOOL

Freshman Guide

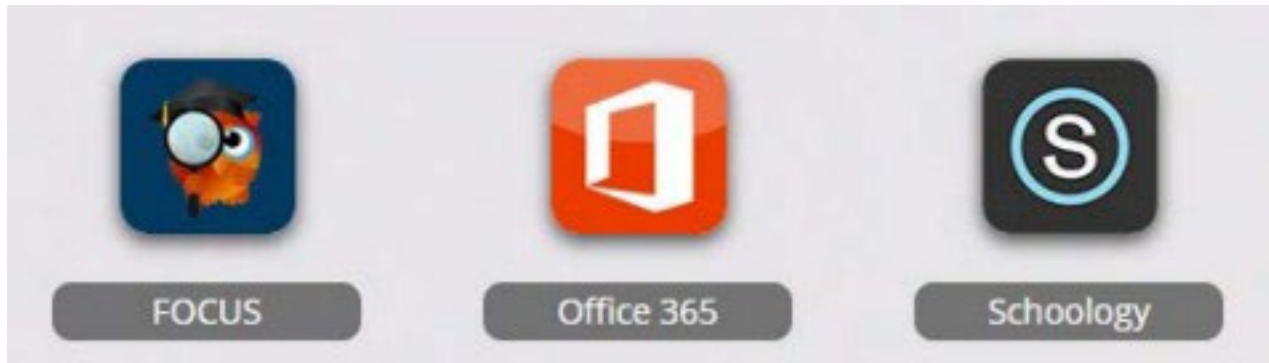
2024-25



ClassLink Single Sign-On

ClassLink provides one click single sign-on into web and Windows applications, and instant access to files at school and in the cloud. Accessible from any computer, tablet or smartphone.

1. Go to <https://launchpad.classlink.com/manateeschools>
2. Sign in with the Student Username and Password used to log into computers at school.
3. Access numerous web applications including the following:



FOCUS – Use to check current grades as well as academic course history, attendance information and test history.

Office 365 – Allows students to use Office applications (Word, Excel, PowerPoint, OneDrive) either by installing the full Office Suite to a home computer or by using the online versions which automatically save information to OneDrive.

Schoology – A learning management system that connects home and school. Schoology offers relevant information on any device to increase communication, collaboration and access to instructional tools. Make sure to logout and close the browser when done.

Use the hyperlinked Class box to join your “Class Of” Schoology page to get important updates and information for your graduating class.

Class of 2028

General Information

Registration Guidelines

1. View curriculum guide and discuss course selections with your parents or guardians.
2. Write down any questions you have for your teachers and counselor.
3. Study the courses in the Curriculum Guide and review possible choices with your teachers as you see them during the registration period.
4. Complete the top portion of your Request Form with your proper name and phone number.
5. Paying close attention to course requirements outlined in the curriculum guide, select your courses. This includes both subject area and elective courses.
6. Clearly indicate your elective choices by ranking them in priority order. Every effort is made to give you your top choices; however, if there is a scheduling conflict, alternate course selections must be made. If you do not choose alternate courses, one or more will be selected for you and will not be changed at a later date.
7. Ensure that you sign your Request Form. Take a picture of your form for your records.
8. Turn in your completed Request Form on or before the deadline to the designated person at school.

Course Cancellation

Manatee High School reserves the right to drop any course due to insufficient enrollment or lack of institutional materials and/or teacher certification.

Change of Schedule

The registration process and the development of student schedules takes place in the spring, at which time faculty and staff advise students. The process includes input from students, parents, teachers, counselors, and administrators. The school's master schedule is built and new staff are hired based on registration requests. Students are expected to honor their commitments and to attend and complete the courses for which they register during the registration period. Schedule change requests will only be considered for the following reasons:

1. The student has already earned credit for the course.
2. The student has failed to meet the prerequisite for the course.
3. The student is scheduled for too many or not enough courses.
4. There was a clerical error.

Leveling classes to meet class size amendment may occur during the year per administration.

Grading Scale

The following is the current grading system for Manatee County Schools for grades 9-12:

Letter	Numerical	Quality Points
A	90-100	4
B	80 - 89	3
C	70 - 79	2
D	60 - 69	1
F	0 - 59	0

Students receive both a letter grade and a numerical percentage for each nine-week grading period, for the semester examination, and for the final semester grade. The final semester grade is the only grade that will appear on the transcript. Report cards will be electronically distributed four times each school year (at the end of each nine-week grading period). Progress reports will be electronically distributed at the mid-point of each grading period. Parents may access grades through FOCUS.

Weighted Courses

Classes designated as Honors/Advanced Pathways, Advanced Placement and certain Dual Enrollment courses will receive weighted grades according to the following grading scale:

Letter	AP / DE Quality Points	Honors Quality Points
A	5	4.5
B	4	3.5
C	3	2.5
D	2	1.5

When evaluating student's transcripts for admissions, most colleges and universities recalculate a student's GPA using ONLY grades from English, Math, Science, Social Studies and Foreign Languages. Additionally, the weight given to Honors, AP, and Dual Enrollment courses may be different than the weight the School District of Manatee County uses in calculating GPAs.

GRADUATION REQUIREMENTS

24 CREDIT PROGRAM STANDARD DIPLOMA		SCHOLAR DESIGNATION (IN ADDITION TO 24 CREDIT STANDARD DIPLOMA REQUIREMENTS)
English	4 REQUIRED English I, II, III, IV (or equivalent courses)	
Mathematics	4 REQUIRED Including Algebra I or its equivalent and Geometry (industry certification courses that lead to college credit may substitute up to two mathematics credits. Algebra and Geometry may not be substituted).	1 credit in Algebra II 1 credit in Statistics or equally rigorous mathematics course
Science	3 REQUIRED Including Biology and two credits in equally rigorous science courses. Two credits must have a laboratory component. (industry certification courses that lead to college credit may substitute for one science credit. Biology may not be substituted.)	Pass Biology I EOC 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3.5 REQUIRED World History, Personal Finance and Money Management (.5 credit) and Economics (.5 credit) and United States History, United States Government (.5 credit)	Pass United States History EOC
Fine Arts	1 REQUIRED + In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course.	
Physical Education	1 REQUIRED + HOPE	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four-year colleges and universities.	Two credits in the same world language.
Electives	7.5 REQUIRED *	
Minimum Graduation Credit Requirement	24 CREDITS	24 CREDITS One credit (in any subject area) must be in Advanced Placement, dual enrollment, or International Baccalaureate.
Merit Designation	In addition to the requirements for a standard diploma, students pursuing merit designation must attain one of more industry certifications.	
Assessment	Passing score on FAST ELA Grade 10, and Algebra I EOC (or concordant scores if sat for FAST)	
GPA	2.0 on a 4.0 scale (unweighted GPA)	

SUBJECT TO CHANGE PENDING STATE LEGISLATION

* Elective credit details for Bright Futures Scholarships, go to www.floridastudentfinancialaid.org

** Students who score a less than proficient score on the FSA ELA and/or Algebra 1 EOC must be enrolled in a remedial course as per state statute

*** Students enrolled in Algebra I, Geometry, Biology, and/or United States History must take the respective EOC exam, and it will constitute 30% of the student's final course grade.

The School Board of Manatee County does not tolerate discrimination or harassment on the basis of race, sex, sexual orientation, color, religion, age, national origin or disability. Written complaints of discrimination or harassment may be filed with the Human Resources Department at School Board of Manatee County, P.O. Box 9069, Bradenton, FL 34206

MHS COURSES THAT MEET THE PERFORMING ARTS REQUIREMENT

Acting	AP Studio Art	Art 2D
Band	Ceramics/Pottery	Chorus
Theatre, Cinema, Film Production	Digital Photography	Culinary Arts 2 or 3
Dance	Digital Design	Music Ensemble
Applied Engineering Tech 1, 2, or 3	Instrumental Ensemble	Instrumental Techniques
Digital Info Tech	Jazz Ensemble	Journalism
JROTC 1 & 2 (Waiver required)	Painting	Television Production
Speech	Orchestra	Portfolio
Theatre	Vocal Ensemble	Advanced Technology Applications
Drawing	Vocal Techniques	
Some FLVS, MTC, and SCF courses may also qualify - see your School Counselor for more information.		

GRADING SCALE

The following is the current grading system for Manatee County Schools for grades 9-12. Semester grades are calculated using 40% for each quarter and 20% on the semester final exam, with the exception of designated EOC exams per state statute. Please refer to the Manatee School District Student Progression Plan for any changes to policy. All courses designated as **Honors, Advanced Placement, and Dual Enrollment** will receive weighted grades.

Unweighted Grade Points	Weighted Honors Course Grade Points	Weighted Advanced Studies Course Grade Points
A=4	A=4.5	A=5
B=3	B=3.5	B=4
C=2	C=2.5	C=3
D=1	D=1.5	D=2

REPORT CARDS AND PROGRESS REPORTS

Students receive both a letter grade and a numerical percentage for each nine-week grading period, for the semester examination, and for the final semester grade. The final semester grade will appear on the student's transcript. Progress reports are issued at the mid-point of each grading period. Parents may access student grades through FOCUS.

MANATEE VIRTUAL SCHOOL (MVS)

MVS is Manatee County's virtual school alternative. With MVS, students in grades 6-12 can register for up to four virtual courses if currently attending a Manatee County School and up to six classes if home schooled. MVS is a franchise of the Florida Virtual School which integrates the highly acclaimed FLVS curriculum but is taught by Manatee County School teachers. MVS can be used for credit recovery, acceleration, scheduling conflicts, and/or just to fulfill the online course requirement. For more detailed information, please visit your School Counselor or call 941-708-8770 ext: 2178. or visit the MVS website at <http://www.edline.net/pages/sdmcMVS>.

FLORIDA VIRTUAL SCHOOL

Students are allowed the opportunity to earn credit each school year through the online Florida Virtual School. Students should be self-motivated and task oriented to successfully complete this type of course. Visit the website at www.flvs.net for course and enrollment information. Counselor approval is required.

EDUCATIONAL ENHANCEMENT

In some courses at MHS, there may be an occasional request for fees to provide educational enhancement. **No student shall be denied the opportunity to participate fully in these classes because of an inability to pay.** In such circumstances, please notify the teacher or counselor.

TESTING

These assessment requirements are subject to change pending state legislation.

State End-of-Course Exams (EOC) and Florida Assessment of Student Thinking (FAST) in English Language Arts (ELA) Florida State Assessments, or achievement tests, are given to all students pursuing a high school diploma. There are two main types of Florida State Assessments, EOCs and the FAST ELA exam.

- Students will participate in a computer-based state EOC assessments at the end of designated high school courses (Algebra 1, Geometry, Biology and US History). These exams will constitute 30% of the student's final grade. EOC requirements may be waived for some exceptional student education (ESE) students.
- The FAST ELA exams are required for grades 9 and 10.
- Passing the Algebra 1 EOC and the grade 10 FSA ELA are graduation requirements. Students who do not pass these exams after the first attempt may take alternative exams to earn required concordant scores. See chart below. (*Please note that concordant scores are not in lieu of FSA/FAST scores, students must take them first before concordant scores will be accepted)

Concordant Scores

Grade 10 ELA	
Available for all students who entered grade 9 in 2010-11 and beyond.	
SAT Evidence-Based Reading and Writing (EBRW)	480
ACT English and Reading Subtests (average of two subtests)	18
CLT Verbal Reasoning and Grammar/Writing Sections	36
Algebra 1 EOC	
PSAT / NMSQT Math	430
SAT Math	420
ACT Math	16
Geometry EOC	499
CLT Quantitative Reasoning	11

SAT AND ACT

Registration information for both the SAT and ACT are available year-round in the Guidance Office and The College and Career Center. Test dates and registration deadlines can be found in the registration information. When registering for either test, students will need the CEEB code for Manatee High School, which is 100145. Online registration and practice tests are available for the SAT at www.collegeboard.org and the ACT at www.actstudent.org.

POST-SECONDARY EDUCATION READINESS TEST (PERT)

This is a computer-based test aimed at measuring college readiness in the areas of mathematics, reading and writing. This is one of the tests that may be used to qualify for dual enrollment courses through USF or SCF. High school students can practice the PERT at the SCF website, www.scf.edu. See your Guidance Counselor for enrollment and testing details. For more information on PERT testing please visit: <http://www.fldoe.org/cc/pert.asp>.

ACADEMIES

CAREER ACADEMIES

Manatee High School offers two career-focused academies as part of a comprehensive endeavor to prepare students to succeed in post-secondary education and careers

- **STEM Academy for Design & Engineering**
- **Medical Academy**

WHY CHOOSE AN ACADEMY?

Career Academies provide challenging, coherent course sequences that are a roadmap to future career goals. They share three basic features:

1. Academy students have the opportunity to earn Industry Certifications that benefit them in college or as they seek employment.
2. Students are with others who share similar interests and are encouraged to participate in extracurricular career and technical student organizations and programs related to the academies.
3. Academies bring in guest speakers and offer field trips, shadowing and internships to motivate and encourage students to learn more about career options.

STEM ACADEMY FOR DESIGN AND ENGINEERING

Students interested in the STEM (science, technology, engineering and math) fields of design and engineering are encouraged to participate in this innovative learning academy. The Academy blends rigorous academic concepts with hands-on projects. Students learn how to integrate science and math concepts with technology, engineering, and design to create, innovate and solve problems. The academy prepares students for post-secondary education as well as high paying, high tech careers.

Students are encouraged to participate in TSA and/or SkillsUSA, career and technical student organizations. SkillsUSA offers local, state, and national opportunities for students to learn and practice personal, workplace and technical skills. In addition, students may earn Industry Certifications in Adobe Video Design, Adobe Visual Design, Adobe Web Design, CIW Javascript Specialist, RECF Pre Engineering Certification, RECF – Robotics, AutoCad Certified User and Certified Solidworks Associate.

COURSE SEQUENCE

Students should consider choosing a pathway of focus: Digital Design, Engineering, or Advanced Manufacturing

Digital Design Course Sequence: Digital Info Tech, Digital Design I, II, III, IV

Engineering Course Sequence: Applied Engineering Tech I, II, III, Advanced Technology Applications

Advanced Manufacturing Sequence: Advanced Manufacturing Tech I, II, III, IV

Upper-level Engineering students may take additional academy electives such as Foundations of Robotics and Robotic Design Essentials.

Students who complete three (3) or more courses in a sequence are recognized as program completers.

POSSIBLE COLLEGE MAJORS/CAREER PATHS

Civil Engineering	Multimedia Design	Industrial Engineering	Web Design
Mechanical Engineering	Game Design	Engineering Technology	Computer Programming
Software Developer	Architecture	Database Administrator	Biomedical Engineering
Chemical Engineering	Graphic Design	Animator	CAD Technician

HOW TO JOIN THE STEM ACADEMY

Students should select one of the STEM Academy electives as their top elective choice and will be selected by the teacher and the College and Career advisor to enter the academy upon successful completion of 1st course.

MEDICAL ACADEMY

The Medical Academy prepares students for healthcare and veterinary careers through a rigorous, relevant health and academic program. Students experience hands-on learning, use of technology, mentoring, shadowing, and internships in the medical community and will be more prepared for employment or to advance their education.

Students in this program are also eligible to participate in HOSA—future health professionals, a national student organization. HOSA’s two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people. HOSA provides a unique program of leadership development, motivation and recognition for students enrolled in health occupations educational programs.

In addition, students may earn Industry Certifications in Certified Medical Administrative Assistant (CMAA), Emergency Medical Responder (EMR), EKG Technician, and Certified Nursing Assistant (CNA).

COURSE SEQUENCE:

(ONLY STUDENTS ACCEPTED INTO THE MEDICAL ACADEMY MAY TAKE THESE COURSES)

9th grade: Medical Skills and Services and/or First Aid & Safety and Care and Prevention of Athletic Injuries (students who have earned a level 3 on the FAST ELA take Biology as a core academic class)

10th grade: Anatomy and Physiology Honors **or** Health Science Anatomy and Physiology

11th grade: Health Science Foundations (Honors course)

12th grade: Allied Health Assisting/Emergency Medical Responder (Honors Course)/EKG Tech/Nursing Assistant - students may take one or more of these options in their senior year

Students who complete this sequence are recognized as Program Completers

RECOMMENDED ACADEMY ELECTIVES:

Health Occupations Education Directed Study

POSSIBLE COLLEGE MAJORS/CAREER PATHS:

Animal Science	Environmental Health	Cardiology	Anesthesiologist	Forensic Pathology	Pediatrics
Athletic Training	Gerontology	Pharmacology	Biochemistry	Health Services Administration	Physical Therapy
Laser & Optical Technology	Pre-Medicine	Chiropractic	Neurology	Public Health	Dietetics
Nursing	Radiologist	Dentistry	Nutritionist	Respiratory	Therapist
Dental Hygienist	Occupational Therapy	Sports Medicine	Dermatology	Optometry	Veterinary Medicine

HOW TO JOIN THE MEDICAL ACADEMY

Students interested in joining the Medical Academy must complete an application and return it before the deadline. Applications are posted on the school website and will be available during the course registration period.

FOR INFORMATION, CONTACT:

College and Career Advisor

Linda Norris (941)714-7300 ext. 71974

Norrisl@manateeschools.net

COLLEGE PREPARATORY ACADEMY (CPA)

Designed as a college preparatory curriculum for high achievers

The College Preparatory Academy is a rigorous program designed to give academically talented students the analytical, communication and research skills to be successful in college courses. Students are admitted into this academy in the 9th and 10th grade through an application process. Our program offers students flexibility in class choice with numerous options for earning college credit while on the MHS campus. Our students will have the exclusive advantage of participating in the AP Capstone program, a diploma program from the College Board. Along with our scholastic agenda, we recognize the importance of producing well-rounded students. We encourage our members to be active in community and school-based extracurricular activities.

9 th Grade: 4 required CPA Courses	10 th Grade: 4 required CPA Courses
English Honors course based on 8 th grade	English Honors course based on 9 th grade
Math Honors course based on 8 th grade	Math Honors course based on 9 th grade
Biology Honors	Chem Honors
AP Human Geography	AP Capstone Seminar – <i>Prerequisite: 3 or above on the AP Human Geography Exam or Administrative Placement</i>
<i>Other suggested courses:</i>	
HOPE	<i>Other suggested courses:</i>
World Language	World Language

11 th Grade: 2 required DE/AP Courses	12 th Grade: 2 required DE/AP Courses
AP Capstone Research – <i>Prerequisite: AP Seminar</i>	American Government/Economics
Honors/AP US History	
<i>Other suggested courses:</i>	<i>Other suggested courses:</i>
Honors/AP/DE English	Honors/AP/DE English
Honors/AP/DE Math	Honors/AP/DE Math
Honors/AP/DE Science	Honors/AP/DE Science

To be recognized as an MHS College Preparatory Completer at graduation, a student must:

- Complete a minimum of 6 AP and/or dual enrollment courses on Manatee High School campus o You will have the option to complete AP Seminar and AP Research o Online courses do not count toward this requirement o **At least 2 AP/DE courses must be taken on campus during both Junior and Senior years.*
- Earn a minimum unweighted B average in CPA and/or AP courses each year with no D's for semester grades
- Complete at least 2 consecutive years of a foreign language
- Exhibit acceptable behavior each year
- Display proficiency on all state assessments each year
- Pass at least one AP exam prior to senior year
- Take the PSAT during 9th, 10th, and 11th grades (**Strongly recommended but not required*)
- Complete at least 75 community service hours
- Earn at least an 1170 SAT or 26 ACT scores
-

HOW TO JOIN THE COLLEGE PREP ACADEMY

Students interested in joining the College Prep Academy must complete an application and return it before the deadline. Applications are posted on the school website and will be available during the course registration period.

FOR INFORMATION, CONTACT:

College Preparatory Academy Coordinator
 Linda Norris
 (941) 714-7300 ext. 71974
gilbertw@manateeschools.net

ENGLISH

English 1

1001310

Grade 9

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Honors 1*

1001320

Grade 9

Prerequisite: ELA Achievement 3-5

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English 2

1001340

Grade 10

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Honors 2*

1001350

Grade 9-10

Prerequisite: ELA Achievement 3-5 and Eng Hon 1 A - C

This course defines what students in an honors setting should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

MATH

Algebra 1A

1200370

Grade 9

Prerequisite: 8th grade math level 1-2

This course is the first half of a two-year Algebra 1 program. Fundamental concepts of Algebra will be presented at a more gradual pace than in a traditional Algebra 1 course. The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The primary focus of Algebra 1A will be on deepening the understanding of the relationships between quantities, and reasoning with equations, as well as linear and exponential relationships. Successful completion of both Algebra 1A and Algebra 1B will satisfy the Algebra 1 graduation requirement and students will take the Algebra 1 /EOC at the conclusion of Algebra 1B, which will count for 30% of their grade.

Algebra 1B	1200380	Grade 10
<i>Prerequisite: Completion of Algebra 1A</i>		
This course is the second half of a two-year Algebra 1 program. The primary focus of this course will be on descriptive statistics, expressions and equations, and quadratic functions and modeling. Successful completion of both Algebra 1A and Algebra 1B will satisfy the Algebra 1 graduation requirement and students will take the Algebra 1 /EOC at the conclusion of Algebra 1B, which will count for 30% of their grade.		
Algebra 1	1200310	Grade 09
<i>Prerequisite: 8th grade math level 2-5</i>		
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. Students will take the Algebra 1 /EOC at the conclusion of Algebra 1, which will count for 30% of their grade.		
Math for Data & Financial Literacy	1200384	Grades 9-11
In Mathematics for Data and Financial Literacy, instructional time will emphasize: Continued foundational knowledge of ratios, proportions and functions to data and financial contexts; developing understanding of basic economic and accounting principles; developing an understanding of credit accounts and short- and long-term loans; developing understanding of planning for the future through investments, insurance and retirement plans; understanding the use of data analysis to create and evaluate reports and to make predictions.		
Geometry	1206310	Grades 09-12
<i>Prerequisite: Algebra 1 with a level 3-5 on EOC or completion of Math for Data and Financial Lit.</i>		
Emphasis on critical thinking involving the discovery of relationships and their proofs and skill in applying deductive method to mathematical situations, logic and reasoning, Euclidean Geometry study of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons and circles, area, volume, and constructions.		
Geometry Honors*	1206320	Grades 9-10
<i>Prerequisite: Algebra EOC score 3-5</i>		
In-depth study of Geometry with emphasis on the formal language of mathematics: structure of geometry, shape properties, angle concepts, triangles, quadrilaterals, proofs, perpendicularity, and parallelism in a plane and in space, similar polygons, circles and spheres, constructions, area and volume, coordinate geometry, topology, and transformational geometry.		
Algebra 2*	1200330	Grades 9 - 12
<i>Prerequisite: Algebra EOC 3 – 5 and an A or B in Geometry</i>		
Continuing study of structure of Algebra and foundation of application of these skills to other mathematical and scientific fields, review and extension of structure and properties of real number system, relations, functions and graphs, polynomials and rational expressions, quadratic equations and inequalities, polynomial functions, rational and irrational exponents, logarithms, complex numbers, application problems in most areas.		
Algebra 2 Honors*	1200340	Grades 9 – 11
<i>Prerequisite: Algebra EOC 4-5 and A or B in Geometry Honors</i>		
Algebraic structure, first-degree equations in one and two variables solved algebraically and graphically, systems of equations and inequalities, functions and relations, polynomials and rational expressions, exponents and radicals, logarithms, complex numbers, conic sections, polynomial equations, sequences and series, permutations, combinations and probability, matrices (all as an in-depth study with emphasis on theory, proof, and development of formulas, as well as their application).		

SCIENCE

Environmental Science

2001340

Grades 09

Prerequisite: ELA Achievement 1-3

Environmental science is the study of organisms and processes in the natural world and their modification by human activity. Students will study current environmental problems in context of the physical, biological, and chemical processes that are often the basis of those problems. This course will provide the skills necessary to address the environmental issues we are facing today by examining scientific principles and the application of those principles to natural systems. This course will survey some of the many environmental science topics at an introductory level, considering the sustainability of human activities on the planet.

Biology 1

2000310

Grades 9 - 11

Prerequisite: ELA Achievement 3-5 (9th grade only for College Prep Academy)

This course begins by building a foundation for understanding the scientific process. Students will practice the scientific process as they engage in various exploratory activities, laboratory experiences and real-life applications in the biological sciences. Topics include ecology, biochemistry, genetics, cells, biotechnology, evolution, classification, and more. Students at the end of this course take the Biology End of Course Exam that counts as 30% of their course grade. A lab donation will be requested to help finance laboratory activities.

Biology 1 Honors*

2000320

Grades 9-10

Prerequisite: ELA Achievement 4 - 5

In addition to the Biology 1 requirements, this course covers the content at a faster rate and in more depth. Extensive use of lab equipment and conducting experiments are an integral part of this course. Significant projects are required of students in most of the units. Students at the end of this course take the Biology End of Course Exam that counts as 30% of their course grade. A lab donation will be requested to help finance laboratory activities.

SOCIAL STUDIES

World History

2109310

Grade 9

This course will study the following topics: Geo-historic development in time-space, comparative views of history, the origin and development of contrasting civilizations, an analysis of cultural universals, the role of religion in historical change, the varieties of contrasting political theories and philosophies, the role of science and technology as a social catalyst, nationalism as a cohesive force in history, the diversity of economic thought and practices in the world, an analysis of the influence of the major figures and events, interpretations concerning the historical development of our present world order.

World History Honors*

2109320

Grade 9 - 10

Prerequisite: ELA Achievement 3 - 5

In addition to the content in World History, this Honors course provides opportunities for students to follow advanced pathways in the curriculum. Significant projects include but are not limited to: analyzing artifacts and evaluating their impact, role-playing a significant person from the past, and creating a presentation for a mock Summit.

AP Human Geography*

2103400

Grade 9

Prerequisite: College Prep Academy Students only

The purpose of the AP Human Geography course is to develop an understanding of patterns and processes that have shaped human understanding, use, and alterations of our Earth. The course is to be focused on various units of study; i.e. culture, language, religion, politics, agriculture, etc. The goals of the course are to develop the understanding of factual knowledge and the analytical skills necessary to express that understanding through writing.

CAREER, TECHNOLOGY, AND VISUAL ARTS

Business

Digital Information Technology

8207310

Grades 9 - 12

This course is designed to introduce information technology concepts and careers as well as the impact information technology has on the world, people, and industry, and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; and emerging technologies and webpage design.

Culinary

Culinary Arts I

8800510

Grade 9

Students will explore career opportunities and job seeking skills in the food service industry. They will learn and apply basic skills, sanitation, and safety procedures. The understanding of basic food science and nutrition will be demonstrated. They will learn quality foodservice practices in terms of management, standards, regulations, and law. They will identify and explain commercial tools and equipment.

Engineering

Applied Engineering I

8404110

Grades 9 - 10

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

Manufacturing

Advanced Manufacturing I

9200210

Grades 9-11

This is the first in a sequence of courses that provides technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in Advanced Manufacturing and Production positions. Students will also earn the RCEF Industry Certification as part of this course.

Medical Academy

Medical Skills Services

8500320

Grade 9

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 Health Science 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 Health Science career cluster. The purpose of this program is to give students an opportunity to apply knowledge and skills related to the area of Health Science career cluster. The content includes but is not limited to practical generic skills in health occupations.

CPR/Care and Prevention

Grades 9-12

The purpose of this course is to introduce the field of Athletic Training including Injury Assessment, Treatment and Rehabilitation. Students will learn about the care, prevention, management, treatment, and rehabilitation of athletic injuries. Instruction will include basic anatomy, physiology, and kinesiology as they relate to preventing and treating athletic injuries. Students will be expected to demonstrate appropriate taping, wrapping, and bracing techniques for athletic injuries. This course is paired with the American Red Cross class Responding to Emergencies/First Aid and Safety.

TV Production

TV Production Tech 1

8201510

Grades 9 - 11

Students will be introduced to the field of video production and no prior video experience is required.

This curriculum is designed to train students for a career in, or entry into a collegiate program involving the television and film production industries. Film, Video, and Multimedia terminology, technique, and theory will be discussed. State-of-the-art, video equipment is used by the students in this class. Students will learn to operate professional video cameras and field equipment for productions outside of the classroom, and professional studio cameras, audio equipment, special effect generators, and character generators for use in the fully outfitted studio. With parental permission, equipment may be checked out and used for on-location shoots. Students learn post-production skills on cutting edge non-linear editing equipment and finalize their projects to build a portfolio. With the skills learned students will have the opportunity to become Adobe Premiere Pro Certified.

PERFORMING ARTS

Music

Band I

1302300

Grade 09

Fundamental concepts of large ensemble performance; characteristic tone, dynamics, phrasing, knowledge of notes and rhythms are taught in the class. Membership is open to any 9th grade student with prior band experience and individual class placement is commensurate with ability. Limited extra rehearsals will be required.

Jazz Ensemble I

1302500

Grade 9

Prerequisite: Director Recommendation

This is a jazz band class of standard instrumentation whose function is to teach introductory styles and idiomatic performance techniques; characteristic tone; jazz rhythms; articulations and ensemble performance techniques. Membership is open to 9th grade band students with director recommendation. Limited extra rehearsals and performances are required. *This course must be taken in conjunction with Band I.*

Music Ensemble

1305400

Grades 9-12

Students with little or no experience in a vocal or instrumental ensemble develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Chorus I

1303300

Grade 9

This year-long, entry-level class, 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. Limited extra rehearsals and performances are required. *Under the direction of Mr. Jomisko, students will be assigned to a chorus of their ability level.*

Vocal Ensemble I-IV (Women's Ensemble)

1303440-70

Grades 9-12

Prerequisite: Students must audition and be placed in this group by Mr. Jomisko

This course will provide students with the opportunity for basic refinement of performance in vocal ensemble settings through the study of appropriate vocal literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized. Limited extra rehearsals and performances are required.

Students must audition and be placed in this group by Mr. Jomisko.

Vocal Techniques I – IV (Chamber Singers)

1303400-30 Grade 9-12

Prerequisite: Students must audition and be placed in this group by Mr. Jomisko

The purpose of this course is to enable students to develop basic performance skills in a solo or small ensemble setting using varied high school literature. Emphasis will be placed on healthy and expressive singing, performance techniques, music knowledge, and development of critical analysis and aesthetic response to music. Limited extra rehearsals and performances are required.

Instrumental Techniques I

1302420 Grades 9-12

This course is designed for students with minimal to no performing experience on string instruments. Intended outcomes include proper set-up and playing position, characteristic tone production, phrasing, dynamics, note reading in selected keys, and knowledge of basic rhythms and meters. Membership is open to any 9th grader with less than two (2) full years orchestral experience. Daily at home practice is required for all students. Limited after school rehearsals and performances are required. *A class fee is required for materials and instrument use.*

Orchestra I

1302360 Grade 9

Prerequisite: Teacher Approval

This course will provide students with the opportunity for basic refinement of performance in vocal ensemble settings through the study of appropriate vocal literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized. Limited extra rehearsals and performances are required.

Instrumental Ensemble I (FIDDLERS)

1302460 Grade 9

Prerequisite: Director Recommendation

This class is designed to help develop introductory alternative string styles including popular tunes, classical chamber music, fiddle tunes, jazz and small ensembles. Membership is open to 9th graders with director recommendation. Daily at home practice is required for all students. Limited extra rehearsals and performances are required. This course must be taken in conjunction with an orchestra course. Limited after school rehearsals and performances are required.

Theatre & Dance

Theatre, Cinema, & Film Production

0400660 Grade 9-12

Students in this course will explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a comparative for theatre, film, and literature. Public performances may serve as a resource for specific instructional goals. *Students may be required to attend or participate in technical work, rehearsals, and/or film production beyond the school day to support, extend, and assess learning in the classroom.*

Theatre I

0400310 Grades 9-12

This course is designed for students with little or no theatre experience and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art. *This course may require students to participate in extra rehearsals and performances beyond the school day.*

Dance Techniques I

0300310 Grades 9-12

This is an entry-level course, designed for students having no prior dance instruction. Students will learn foundational skills in two or more dance styles. Their development of fundamental dance technique is enriched and enlivened through study of works by a variety of diverse artists, developing genre-specific movement vocabulary and dance terminology, and building knowledge and skills related to somatic practices, dance composition, analysis of effort and outcomes, dance history and culture, collaborative work, and rehearsal and performance protocols. Student will study not only Ballet and Jazz but also the Kinesthetic and anatomy of a dancer. This course may require students to participate in extra rehearsals and performances beyond the school day. *Students must have Jazz shoes to participate in class.*

Visual Arts

Art/2d Comprehensive I

0101300

Grades 9-12

This course provides students with opportunities to develop basic understanding of the artistic expression of ideas through two-dimensional media. This content will help students develop an awareness of environment, exploration of ideas through production of works in various two-dimensional media and the development of aesthetic judgment using the properties of the Elements of Art and the Principles of Design.

JROTC

Leadership Education & Training 1

1801300

Grades 9 - 12

The first year introduces students to American symbols, customs and courtesies, values, ethics, and military traditions. It also offers an introduction to community service projects, basic leadership skills, principles of leadership and learning strategies. Discussions cover the purpose of Army JROTC, equal opportunity and sexual harassment awareness and prevention. Opportunities exist to participate in extracurricular competitive teams. Finally, students participate in a weekly physical fitness education program.

Journalism

Journalism 1

1006300

Grades 9 - 12

The emphasis of the course is in journalistic writing, newsgathering, organizing information, and newspaper production. The first semester is devoted to news writing, feature writing, sports writing, copy editing, and headline writing, with frequent reporting and writing assignments. The second semester deals with the history of journalism, photojournalism ethics, media rights, and the First Amendment.

Journalism 2

1006310

Grades 9 - 12

Prerequisite: Teacher Approval

Practical experience is provided in developing publication techniques through rigorous practice in journalistic writing. Through the production of publications, students expand and develop skills in reporting, writing (news, features, editorials), ad sales, and graphic arts in a workshop setting for the operation of a staff that must deal with deadlines, budget limitations, printers and typesetters, division of duties, and decision-making.

Journalism

Hope (Health Opportunities Through Physical Education)

1506320

Grade 9

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 student success. ****This is a physical education graduation requirement.****

Hope Waiver

Students who participate in interscholastic sports for two (2) full seasons (JV or Varsity) are eligible for the HOPE Waiver. Students who complete two (2) years in JROTC courses are eligible for the HOPE Waiver.

Individual And Dual Sports I-IV**1502410****Grades 9 - 12**

These courses provide the student with the opportunity to acquire the knowledge and skill in a lifelong sport or activity. Levels II and III increase the skills and knowledge gained in level I.

Team Sports I/Team Sports II**1503360****Grades 9 - 12**

Team Sports I provides students with the opportunity to acquire knowledge and skill necessary to participate effectively as a team member. Specific content shall include an understanding of basketball, flag football, soccer, team tennis, team handball, volleyball, and softball as well as other team sports deemed appropriate. Course content will include rules, strategies, basic skills, techniques that are related to sports activities, and officiating. Team Sports II provides the student with the opportunity to increase skills, knowledge, and strategy learned in level I. Students should register for both Team Sports I and II. Together these courses equal one credit.

Basketball 1 & Basketball 2**1503310****Grades 9 - 12**

The purpose of this course is to acquire knowledge and skills in the game of basketball. Students will improve fitness levels and work on techniques, skills, and strategies. Attendance, dressing out, class participation and exams will determine students' grades.

Soccer 1 & Soccer 2**1503320****Grades 9 - 12**

The purpose of this course is to learn the offense and defense of the sport of soccer. Students will learn the skills and rules of a soccer. Attendance, dressing out, class participation and exams will determine students' grades.

Volleyball 1 & Volleyball 2**1505500****Grades 9 - 12**

The purpose of this course is to learn the offense and defense of the sport of volleyball. Students will learn the skills and rules of a variety of indoor and outdoor volleyball games. Attendance, dressing out, class participation and exams will determine students' grades.

World Language

Spanish I**0708340****Grades 9-11**

Prerequisite: Proficient Score on ELA State Assessment

Students are introduced to the language and culture of the Spanish-speaking world. Listening, speaking, reading, and writing skills are practiced daily. Essentials of grammar and sentence structure are stressed.

Spanish II**0708350****Grades 9-12**

These courses provide the student with the opportunity to acquire the knowledge and skill in a lifelong sport or activity. Levels II and III increase the skills and knowledge gained in level I.

MISSION STATEMENTS

The mission of Manatee High School is to increase student engagement by providing opportunities to think in every classroom, every period, every day.



The mission of the Manatee County School District is that Manatee County Public Schools will educate and develop all students today for their success tomorrow.

