

Middleton Senior High School Course Selection for 2025-2026 10th (MAGNET)

Student Name _____ Student ID # _____ Current Grade _____

View Curriculum Guide online at: <https://hillsboroughschools.org/middleton>

See Reverse Side For Graduation Requirements & AICE diploma course list.

Diploma Required Core Courses:		↓ CORE COURSE SELECTIONS	
English (4 years): (10 th), English 2 Honors, AICE Gen Paper Math (4 years + Electives): Algebra 2, Algebra 2 Honors, AP Precalculus Science (3 years): Chemistry 1, and Chemistry 1 Honors Social Studies (3 years) World History Honors or AP World History	1	English	
	2	Math	
	3	Science	
	4	Social Studies	
	↓ ELECTIVE COURSE SELECTIONS		
	5	Magnet Elective 1	
	6	Magnet Elective 2	
	7	Elective	
	8	Elective	
	Alt	Alt. Elective	
	Alt	Alt. Elective	
	Alt	Alt. Elective	
	ENGLISH ELECTIVES Journalism 1 - Intro to Journalism (PF) Journalism 2 Theater 1 Theater 2 Leadership – SGA Membership Required Aerospace Science JROTC ELECTIVE Air Force JROTC 1 Air Force JROTC 2+ (2 years of AF ROTC satisfies 1 HOPE requirement & 1 performing arts requirement) WORLD LANGUAGES Spanish 1 Spanish 2+ Spanish 3 Honors+ American Sign Language 1 American Sign Language 2+ American Sign Language H 3+	SOCIAL STUDIES AICE Global Perspectives AICE Psychology AICE Thinking Skills Science Electives Agriscience Foundations H Physics 1 Honors AP Physics AICE Environmental AICE Marine Science PHYSICAL EDUC. ELECTIVES HOPE(G) Comprehensive Fitness* Fitness and Lifestyle Design* AICE Sport & Physical Edu Volleyball* Soccer* Driver’s Education – Grades 10-12 and you must be 15 prior to the start of class.	CAREER TECH ELECTIVES Agri Science Foundations H Agritechnology 1+ Horticulture 2+ Barbering 1 Barbering 2+ Blueprint for Success Principles of Entrepreneurship+ Building & Construction 1 Building & Construction 2+ Business Ownership+ Computer Science Principles Customer Service 1 Customer Service 2+ Digital Information Technology 1 TV 1 - Intro to Broadcasting TV 2 – Morning Show+

LEGEND - (+) Pre-Requisite (*) Semester Course (G) Graduation Requirement (\$) Fee Required (H) Honors

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Graduation Requirements	
English	4 Required English I, II, III, IV
Mathematics	4 required Including Algebra I and Geometry
Science	3 required Including Biology
Social Studies	3 required World History, US History, US Government, Economics
Fine Arts	1 required Fine or Performing Arts, or an approved Practical Arts course (2 years of ROTC waives Fine Art req)
Financial Literacy	.50 credit required in Financial Literacy
Physical Ed (HOPE)	1 required Physical Education to include the integration of Health (2 years of ROTC or Sports waives HOPE)
Foreign Language	Not required for high school graduation, but at least 2 credits in the same language are required for admission into 4- year universities
Electives	8 required (for Bright Futures elective credit details go to www.floridastudentfinancialaid.org)
GPA Requirement	2.00 G.P.A. (unweighted)
Minimum Credits	24 credits are required (18 cr. option available)
Assessment	Passing Score on Grade 10 Reading, Alg 1 or Geo EOC (concordant scores can be earned on SAT, ACT exams)

Schedule Change Policy and Procedures

- Valid reasons for a schedule change may include scheduling error due to test scores, failing a required course, passing a course in summer school or night school, lacking a graduation requirement and/or lacking the proper prerequisite.
- Elective changes most often cannot be honored due to teacher unit allocation and class size reduction amendment.
- Schedule change requests will NOT be considered for the purpose of teacher preference.
- A change request may require the entire schedule to be altered to meet the request you have made. Including different teachers and different class periods.
- Once a schedule has been changed, it cannot be changed back again to the original schedule.
- Due to the requirements of the Class Size Reduction Amendment, requests for schedule changes may be denied as classes reach maximum legal capacity.

To earn an AICE diploma, students must pass 7 credits worth of AS or A level examinations, including AS level Global

Perspectives. At least one examination must come from 3 of the subject groups: Mathematics & Sciences (Group 1), Languages (Group 2), and Arts & Humanities (Group 3), Interdisciplinary Subjects (Group 4) is optional. Must pass all AICE Assessments to earn the AICE Diploma to qualify for Bright Futures through AICE.

AICE DIPLOMA Courses Offered

Core	Group 1	Group 2	Group 3	Group 4
AICE Global Perspectives	AICE Marine Science AICE Environmental Management AICE Math AICE Sport & Physical Education	AICE English Language	AICE Psychology AICE Environmental Management AICE Sport & Physical Education	AICE English General Paper AICE Thinking Skills

MAGNET PROGRAM PATHWAYS

Bio-medical Science (PLTW)	Computer Game Design	Cyber Security & Computer Science	Engineering (PLTW)
9 th – Principles of Biomed H 9 th - Technical Design 1 10 th – Human Body Systems H 10 th – Bioscience 2 H 11 th – Medical Interventions H 11 th - Biotech 3 H 12 th – Bio-Innovation 12 th -AP Physics or Physics 1 H or Science Elective	9 th – Computer Fundamentals 9 th – Game Design Foundations 9 th – Game Design Audio+ (Pre-req Foundations Grade 8) 10 th – Game and Sim Design 10 th – AP Computer Science Principles 11 th – Game Programming 11 th 3D Game Animation 11 th – Game and Sim Graphic Arts 12 th – Adv Game Applications 12 th – AP Computer Science A	9 th – CSIT Foundations 9 th – CSIT Essentials 10 th – CSIT Net Sys Configuration 10 th –Artificial Intelligence 10 th – AP Computer Science Principles 11 th - CSIT Net Sys Design & Administration 11 th – AP Computer Science A 12 th – CSIT Cyber Security Essentials 12 th -CSIT Cyber Security Physical	9 th – Intro to Engineering Design 9 th – Technical Design 1 10 th - Computer Manufacturing 10 th – Digital Electronics 11 th – Principles of Engineering 11 th – Aerospace Engineering or Civil Engineering 12 th – Engineering Design and Development H 12 th – Technical Design 3

I have read and understand the schedule change policies and procedures. Elective choices will be offered based on demand and seniority to upper class students.

Student Signature

Date

Parent Signature

Date