

Middleton Senior High School Course Selection for 2025-2026 (MAGNET) 11<sup>th</sup>

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.

<b>Diploma Required Core Courses:</b>		<b>CORE COURSE SELECTIONS</b>	
<b>English (4 years): (11<sup>th</sup>)-</b> AICE Gen Paper, AICE Language  <b>Math (4 years + Electives):</b> Math Data & Financial Literacy, AP Pre-Calculus, AP Stat, AP Calculus AB or BC, AICE Math (AS (1202362): Pure Math 1 and Prob/Stat 1, A (1202366): Pure Math 3 and Prob/Stat 1)  <b>Science (3 years):</b> Physics 1 Honors, AP Physics  <b>Social Studies (3 years):</b> AP US History, Financial Literacy*, African American History*, Wars of 20 <sup>th</sup> Century*	<b>1</b>	<b>English</b>	
	<b>2</b>	<b>Math</b>	
	<b>3</b>	<b>Science</b>	
	<b>4</b>	<b>Social Studies</b>	
	<b>ELECTIVE COURSE SELECTIONS</b>		
	<b>5</b>	<b>Magnet Elective 1</b>	
	<b>6</b>	<b>Magnet Elective 2</b>	
	<b>7</b>	<b>Elective</b>	
	<b>8</b>	<b>Elective</b>	
	<b>Alt</b>	<b>Alt. Elective</b>	
	<b>Alt</b>	<b>Alt. Elective</b>	
	<b>Alt</b>	<b>Alt. Elective</b>	
<b>ENGLISH ELECTIVES</b> Journalism 1 - Intro to Journalism (PF) Journalism 2 Reporting+ Journalism 3 Yearbook+ Theater 1 Theater 2 Leadership – SGA Membership Required  <b>Aerospace Science JROTC ELECTIVE</b> Air Force JROTC 1 Air Force JROTC 2+ Air Force JROTC 3+ (2 years of AF ROTC satisfies 1 HOPE requirement & 1 performing arts requirement)  <b>WORLD LANGUAGES</b> Spanish 1 Spanish 2+ Spanish 3 Honors+ AP Spanish Language+ AP Spanish Literature+ American Sign Language 1 American Sign Language 2+ American Sign Language 3+	<b>SOCIAL STUDIES</b> AICE Global Perspectives AICE Psychology Psychology I*/Psychology II* AICE Thinking Skills  <b>Science Electives</b> Agriscience Foundations H AP Chemistry AP Physics C: ME AP Physics C: EM AP Biology AICE Marine Management AICE Environmental  <b>PHYSICAL EDUC. ELECTIVES</b> HOPE(G) AICE Sport & Physical Education Comprehensive Fitness* Fitness and Lifestyle Design* Volleyball* Soccer* Weight Training 1* Weight Training 2* Weight Training 3* Power Training* <b>Driver’s Education – Grades 10-12 and you must be 15 prior to the start of class.</b>	<b>CAREER TECH ELECTIVES</b> Agri Science Foundations H Agritechnology 1+ Agritechnology 2+ Horticulture 2+ Barbering 1 Barbering 2+ Barbering 3+ Blueprint for Success AP Computer Science Principles Principles of Entrepreneurship+ Building & Construction 1 Building & Construction 2+ Building & Construction 3+ Business Ownership+ Customer Service 1 Customer Service 2+ Digital Information Technology 1 TV 1 - Intro to Broadcasting TV 2 – Morning Show+ TV 3 – Commercial and Public Service Announcements+ OJT (4 <sup>TH</sup> PERIOD) OJT (8 <sup>TH</sup> PERIOD)	<b>INE ARTS ELECTIVES (ALL PF)</b> Creating 2D Art* Creating 3D Art* 2D Studio Art 1 2D Studio Art 2+ 2D Studio Art 3 Honors+ 3D Studio Art 1+ 3D Studio Art 2+ 3D Studio Art 3 Honors+  <b>AVID ELECTIVE</b> AVID 3H (11 <sup>th</sup> )  <b>MUSIC / PERFORMING ARTS ELECTIVES (ALL PF)</b> Band 3+\$ Instrumental Techniques (Drumline) Orchestra 1\$ Orchestra 2+\$ Orchestra 3+\$ Piano 1 Piano 2+ Piano 3+ Vocal Ensemble 1 Vocal Ensemble 2 Vocal Ensemble 3

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

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Graduation Requirements	
English	<b>4 Required</b> English I, II, III, IV
Mathematics	<b>4 required</b> Including Algebra I and Geometry
Science	<b>3 required</b> Including Biology
Social Studies	<b>3 required</b> World History, US History, US Government, Economics
Fine Arts	<b>1 required</b> Fine or Performing Arts, or an approved Practical Arts course (2 years of ROTC waives Fine Art req)
Physical Ed (HOPE)	<b>1 required</b> 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 <a href="http://www.floridastudentfinancialaid.org">www.floridastudentfinancialaid.org</a> )
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 <sup>th</sup> – Principles of Biomed H 9 <sup>th</sup> - Technical Design 1  10 <sup>th</sup> – Human Body Systems H 10 <sup>th</sup> – Bioscience 2 H  11 <sup>th</sup> – Medical Interventions H 11 <sup>th</sup> - Biotech 3 H  12 <sup>th</sup> – Bio-Innovation 12 <sup>th</sup> - AP Physics or Physics 1 H or Science Elective	9 <sup>th</sup> – Computer Fundamentals 9 <sup>th</sup> – Game Design Foundations 9 <sup>th</sup> – Game Design Audio+ (Pre-req Foundations Grade 8)  10 <sup>th</sup> – Game and Sim Design 10 <sup>th</sup> – AP Computer Science Principles  11 <sup>th</sup> – Game Programming 11 <sup>th</sup> 3D Game Animation 11 <sup>th</sup> – Game and Sim Graphic Arts  12 <sup>th</sup> – Adv Game Applications 12 <sup>th</sup> – AP Computer Science A	9 <sup>th</sup> – CSIT Foundations 9 <sup>th</sup> – CSIT Essentials  10 <sup>th</sup> – CSIT Net Sys Configuration 10 <sup>th</sup> –Artificial Intelligence 10 <sup>th</sup> – AP Computer Science Principles  11 <sup>th</sup> - CSIT Net Sys Design & Administration 11 <sup>th</sup> – AP Computer Science A  12 <sup>th</sup> – CSIT Cyber Security Essentials 12 <sup>th</sup> -CSIT Cyber Security Physical	9 <sup>th</sup> – Intro to Engineering Design 9 <sup>th</sup> – Technical Design 1  10 <sup>th</sup> - Computer Manufacturing 10 <sup>th</sup> – Digital Electronics  11 <sup>th</sup> – Principles of Engineering 11 <sup>th</sup> – Aerospace Engineering or Civil Engineering  12 <sup>th</sup> – Engineering Design and Development 12 <sup>th</sup> – 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