



ENGINEERING MAGNET PROGRESSION APOPKA HIGH SCHOOL 2023-2024



	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English	English 1 or AICE English General Paper	English 2 or AICE English Language	English 3* or AP Lang	English 4* or AP Lit
Math	Geometry Hon or Alg. 2. Hon	Algebra 2*, Prob & Stat Honors, or AP Pre-Calc	Prob & Stat Honors, MCA, AP Pre-Calc, AP Calc, or AP Stats	Data and Finance, AP Pre-Calc, AP Calc, AP Stats, or DE
Science	Physics 1 Honors	Biology* or AP Bio	Chem*, AP Biology, AP Chem, AP Physics 1, E&M, or Mechanics, or DE	AP Physics 1 or 2, E & M, Mechanics or DE
Social Studies	AP Human Geo or AP Computer Science Prin.	World History, AICE Euro, or AP World History	U.S. History* or AP U.S. History	Government*, AP Gov, Economics*, AP Macro
Project Lead the Way Class	Introduction to Engineering	Principles of Engineering	Digital Electronics or Civil Engineering	Engineering Design and Development
Required	Foreign Language 1	Foreign Language 2	Foreign Language 3 or Elective	AP Language or AP Elective
Optional Elective	Elective or Robotics 1	Elective or Robotics 1 or 2	Elective, Robotics 2 or 3 or AS 120/220 (ERAU)	Elective, Robotics 3 or 4, or AS 235/237 (ERAU)

*** OFFERED IN BOTH HONORS AND STANDARD LEVELS.**

Students beginning the program in 10th grade will follow the PLTW courses starting with IED.

****STUDENTS MUST PASS ALGEBRA 1 PRIOR TO ENTERING THE MAGNET PROGRAM.****



MEDICAL MAGNET PROGRESSION APOPKA HIGH SCHOOL 2023-2024



	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English	English 1 or AICE English General Paper	English 2 or AICE English Language	English 3* or AP Lang	English 4* or AP Lit
Math	Geometry* or Algebra 2*	Algebra 2*, Prob & Stat Honors, or AP Pre-Calc	Prob & Stat Honors, MCA, AP Pre-Calc, AP Calc, or AP Stats	Data and Finance, AP Pre-Calc, AP Calc, AP Stats, or DE
Science	Biology*	Chemistry*, AICE Marine, or AP Biology	Anatomy & Phys*, AP Biology, AP Physics, or AP Chemistry	AP Physics or Dual Enrollment
Social Studies	NA	World History AICE Euro, or AP World History	U.S. History* or AP U.S. History	Government*, AP Gov, Economics*, AP Macro
Medical Magnet Class	Principles of Biomedical Sciences	Human Body Systems	Medical Interventions	Biomedical Innovation
Required	Foreign Language 1	Foreign Language 2	Foreign Language 3 or Elective	Language or Elective
Elective	AP Human Geo, World Cultural Geography, or AICE Thinking Skills	Elective	Elective	Elective

*** OFFERED IN BOTH HONORS AND STANDARD LEVELS.**

Students beginning the program in 10th grade will follow the Medical Magnet courses starting with Principles of Biomedical Sciences.