



ENGINEERING MAGNET PROGRESSION APOPKA HIGH SCHOOL 2022-2023

**9TH GRADE****10TH GRADE****11TH GRADE****12TH GRADE**

English

English 1* or
AICE English
General Paper

English 2*

English 3* or
AP LangEnglish 4* or
AP Lit

Math

Algebra 1* or 2*
or Geometry*Algebra 2*, Prob
& Stat, Pre-Calc
or Geometry*Algebra 2*, Prob
& Stat, Pre-Calc
or AP StatisticsPre-Calc, AP Calc,
AP Statistics,
or DE

Science

Environmental
Science or
Physics 1*Physics 1*, Biology*,
Chem*, AP Biology,
or AP ChemistryChem*, Physics,* AP
Biology, Chem, Physics 1,
E&M, or Mechanics, or DEAP Physics 1 or 2,
E & M, Mechanics
or DESocial
StudiesAP Human Geo or
AP Computer
ScienceWorld History*
or
AP World HistoryU.S. History*
or
AP U.S. HistoryGovernment*, AP
Gov, Economics*,
AP MacroProject Lead
the Way ClassIntroduction to
EngineeringPrinciples of
EngineeringDigital Electronics
or Civil
EngineeringEngineering
Design and
Development

Required

Foreign
Language 1Foreign
Language 2Foreign
Language 3 (strongly
encouraged)AP Language or
AP Elective

Elective

Robotics 1

Elective or
Robotics 1 or 2Elective, 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 Introduction to Engineering.



**MEDICAL MAGNET PROGRESSION
APOPKA HIGH SCHOOL
2022-2023**



9TH GRADE

10TH GRADE

11TH GRADE

12TH GRADE

English

English 1* or
AICE English
General Paper

English 2*

English 3* or
AP Lang

English 4* or
AP Lit

Math

Algebra 2*
or Geometry

Geometry, Alg.
2*, or Pre-Calc

Geometry*,
Pre-Calc, or
AP Calc

Pre-Calc, AP Calc
AP Statistics,
or DE

Science

Biology*

Chemistry* or
AP Biology

Anatomy & Phys, AP
Biology, AP Physics,
or AP Chemistry

AP Physics
or Dual
Enrollment

Social
Studies

NA

World History*
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 Geography
or World Cultural
Geography

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.