

AP[®] Calculus AB

At Grand Prairie High School

Explore the concepts, methods, and applications of differential and integral calculus.

You'll work to understand the theoretical basis and solve problems by applying your knowledge and skills.

You should have successfully completed courses in which you studied algebra, geometry, trigonometry, analytic geometry, and elementary functions. Completed Pre-Calculus

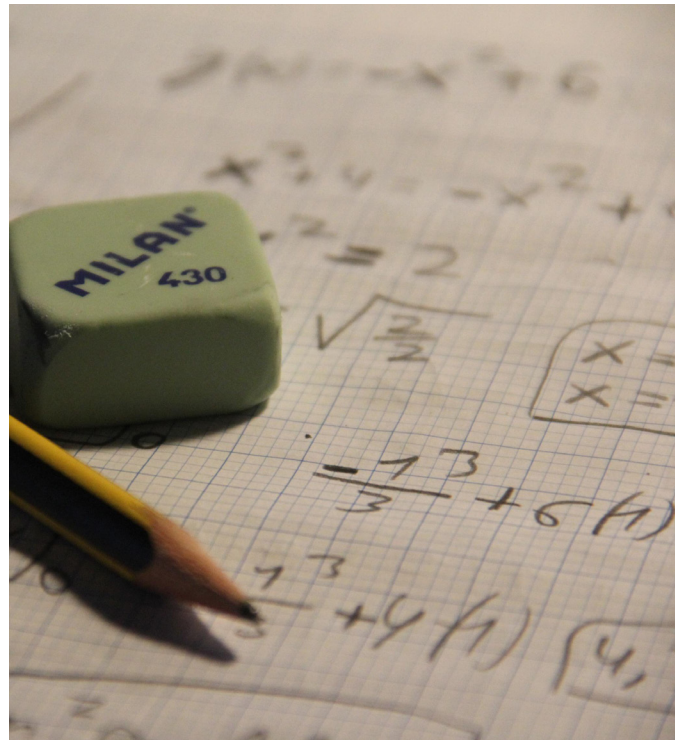


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Why take AP?

01

Life Skills

Form complex connections for critical thinking.

02

Impressive

It looks great on your academic resume.

03

College Prep

This course helps you prepare for a career in STEM.

04

Grow

You like challenging yourself by engaging in project oriented learning.

Skills You'll Learn In This Curriculum

Determining

expressions and values using mathematical rules.

Justifying

reasoning and solutions.

Modeling

particle motion and solving accumulation problems

Solve

differential equations to find particular solutions.

AP[®] courses can lead you to numerous choices of College Majors and Careers

Majors:

Accounting
Aerospace Engineering
Agriculture Engineering
Air Transport
Astronomy
Atmospheric Sciences and Meteorology
Civil Engineering
Electrical Engineering
Forestry

Careers:

Aircraft and Avionics GTechnicians
Anthropologists and Archaeologists
Aquaculturists
Biomedical Engineers
Chemical Engineers
Civil Engineers
Computer Hardware Engineers
Computer Programmers
Computer Systems Analysts

GPHS ALIGNMENT COURSES:

Pairs Well With:
AP Physics 2
AP Statistics

Take Next:
AP ENG Lang

CTE Programs of Study:
Legal Studies

