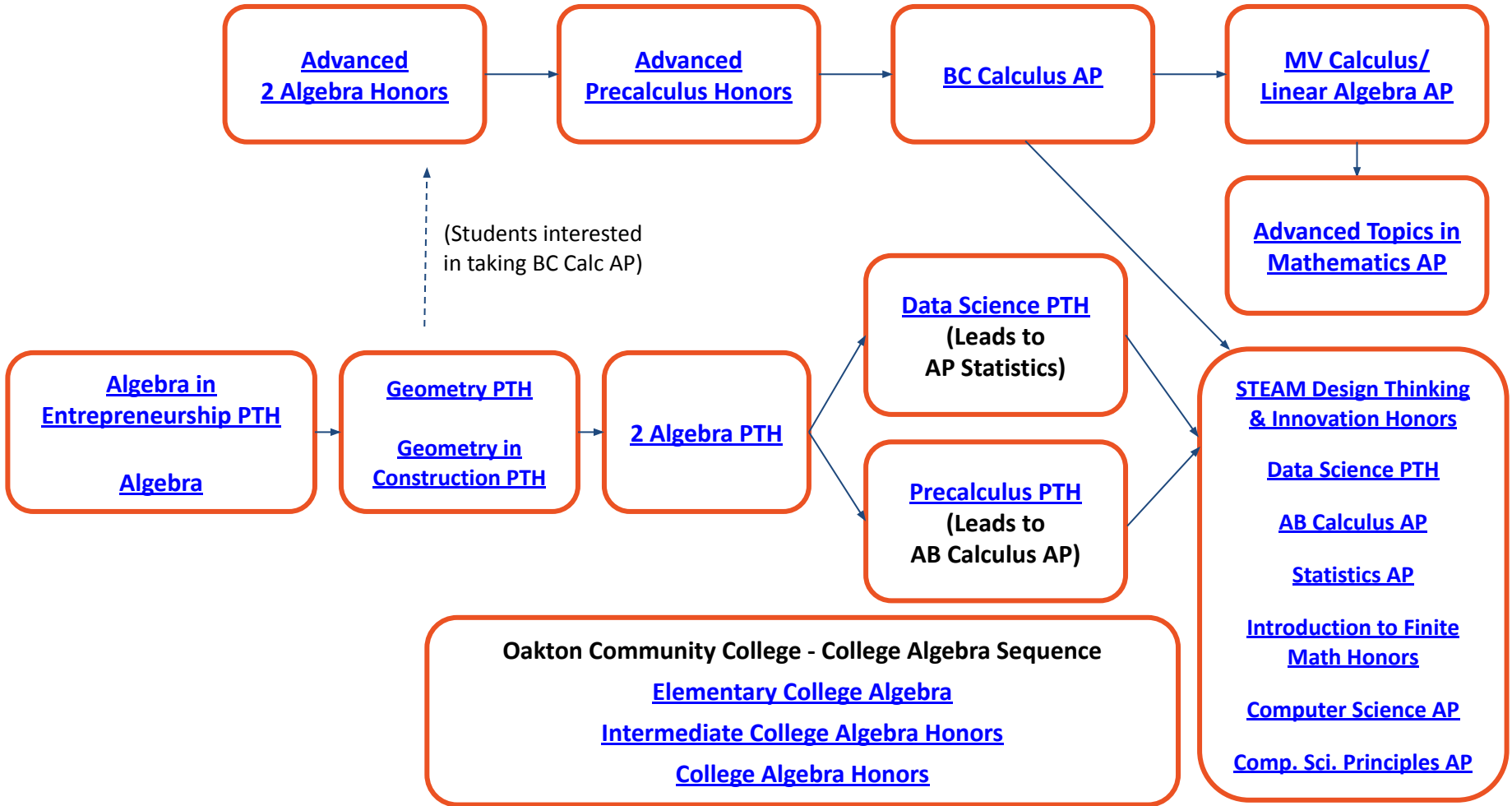


# MATHEMATICS & COMPUTER SCIENCE



Oakton Community College - College Algebra Sequence  
Elementary College Algebra  
Intermediate College Algebra Honors  
College Algebra Honors

## COURSES THAT CAN BE TAKEN CONCURRENTLY WITH OTHER MATH COURSES

AP Computer Science Principles  
(Full Year)

Programming with Java R/H  
(1<sup>st</sup> Semester)

AP Computer Science  
(2<sup>nd</sup> Semester)

Data Science PTH

AP Statistics

STEAM DTI H

# COMPUTER SCIENCE & INFORMATION TECHNOLOGY

## Course Offerings

[Introduction to Computer Programming](#)  
(One Semester)

[Web Design](#)  
(One Semester)

[Game Design & Programming](#)  
(One Semester)

Courses Below Require 10<sup>th</sup> Grade

[AP Computer Science Principles](#) (Full Year)

[Programming with Java](#)  
(1<sup>st</sup> Semester)

[Information Technology Internship](#) (One Semester)

[Cybersecurity PLTW](#)  
(Full Year)

[AP Computer Science A](#)  
(2<sup>nd</sup> Semester)

## Engineering Courses That Utilize Computer Programming

**Full Year Courses**  
[PLTW Digital Electronics](#)  
[PLTW Principles of Engineering](#)  
[PLTW Manufacturing Engineering and Robotics](#)