

Curriculum at a Glance
Technology, Engineering, STEM, Business and Computers
Advanced Computer Science

Description: This course is the final level in the Computer Studies department. Students that take this course have demonstrated a strong work ethic and keen interest in Computer Science. Students will explore high level concepts that are beyond the scope of the AP curriculum.

Unit Name/Description	Content and/or Skills
<ul style="list-style-type: none">• Computing	<ul style="list-style-type: none">• Build on their solid foundation in Computer Science.• To develop an awareness of ethical and social issues related to the use of computers
<ul style="list-style-type: none">• Graphical User Interface	<ul style="list-style-type: none">• Explore new computer topics such as a the use of GUI (graphical user interface)
<ul style="list-style-type: none">• Data Structures	<ul style="list-style-type: none">• Build on their knowledge of data structures and their efficiencies
<ul style="list-style-type: none">• Research	<ul style="list-style-type: none">• Independently research an area of Computer Science where they have an interest.