HIGHLANDS HIGH SCHOOL

App Development @ Launch

The App Development program allows students to complete projects of their own design and interest, while performing the type of work they can expect in an app development workplace.

The listed courses are taught together during a 2-period block at Launch @ 20 Grand.

College & Career Options
- App Developer
- Computer Science
- Computer Information Technology
- Data Scientist
- Cybersecurity

Courses

AP Computer Science Principles (110711) - Grades 11-12

Learn	Engage
Characteristics of the Internet	Creation of computational artifacts
Cybersecurity concerns	Correct programming
Beneficial and harmful effects of computing	Development of algorithms
Computing in economic and social contexts	Models and simulations
Managing navigation and workflows	Data persistence and table views

App Development with Swift (110821) - Grades 11-12

Learn	Engage
Documenting and building in Xcode	App Development with Swift certification
Strings, functions, structures, collections, and loops	Designing and prototyping iOS apps
Saving, sharing, and collaborating on design	ARKit and UIKit frameworks
Table-based interfaces	Object-oriented and protocol-oriented programming