

High School Syllabus

Department: Business

Course #: 60627W

Course Title: Creating Mobile Apps

DESCRIPTION OF COURSE: This course is an introductory mobile application design and programming course where students will learn how to design an app's user interface with the App Inventor Designer, and its behavior with the Blocks Editor. Creating Mobile Apps also uses "drag-n-drop" programming and progresses to writing code and developing original apps. Along the way, students will learn the components of a good app, color theory used in app design, and so much more such as image editing and story-boarding. By the end of the course, students will be able to successfully demonstrate a self-created app with real world application.

REQUIRED TOPICS OF STUDY	SUGGESTED INSTRUCTIONAL TIME	STANDARDS/ ASSESSMENT ANCHORS
Introduction	21 days	CC.3.5.9-10.A, CC.3.5.11-12.A, CC.3.6.9-10.B, CC.3.6.11-12.B, CC.3.6.9-10.C, CC.3.6.11-12.C, CC.3.6.9-10.E, CC.3.6.11-12.E, 15.4.12.G, 15.4.12.H
Build Drawing and Animated Games	15 days	CC.3.5.9-10.A, CC.3.5.11-12.A, CC.3.6.9-10.B, CC.3.6.11-12.B, CC.3.6.9-10.C, CC.3.6.11-12.C, CC.3.6.9-10.E, CC.3.6.11-12.E, 15.4.12.G, 15.4.12.H
Build Texting and Location-Aware Apps	10 days	CC.3.5.9-10.A, CC.3.5.11-12.A, CC.3.6.9-10.B, CC.3.6.11-12.B, CC.3.6.9-10.C, CC.3.6.11-12.C, CC.3.6.9-10.E, CC.3.6.11-12.E, 15.4.12.G, 15.4.12.H
Build Quizzes and Informational Apps	10 days	CC.3.5.9-10.A, CC.3.5.11-12.A, CC.3.6.9-10.B, CC.3.6.11-12.B, CC.3.6.9-10.C, CC.3.6.11-12.C, CC.3.6.9-10.E, CC.3.6.11-12.E, 15.4.12.G, 15.4.12.H
Final Project – WHS App	12 days	CC.3.5.9-10.A, CC.3.5.11-12.A, CC.3.6.9-10.B, CC.3.6.11-12.B, CC.3.6.9-10.C, CC.3.6.11-12.C, CC.3.6.9-10.E, CC.3.6.11-12.E, 15.4.12.G, 15.4.12.H

RESOURCES:

Website- <http://www.appinventor.org/>

Software- Adobe Photoshop, Microsoft Word, Google Docs, Google Sites, SmartBoard

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