



# Santiago Canyon College

*What happens here matters.*

**2019-2020 Academic Year**

## Certificate of Achievement: Digital Media Arts Mobile Application Development and Design (35016)

The certificate programs in Digital Media Arts reflect the industry standard in the field of advertising/graphic design for printed media, mobile devices, the web, and digital imaging. The programs are designed with a combination of courses from fine art, digital media, computer science, computer information systems, and marketing to develop technical skills and creativity in digital media. Graduates of these programs will find entry into the profession at various levels with employment opportunities in the fields of mobile application design, advertising, graphic design, web design, and digital imaging.

### **Learning Outcome(s)**

Upon successful completion of the requirements for this certificate, students will be able to

- Demonstrate the ability to create interface designs using a variety of digital media tools and techniques
- Demonstrate the ability to create interface designs using visual elements and principles of design



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<b>Certificate Requirements</b>	<b>Units</b>
ART 159: Introduction to Mobile Application Development and Design	3
CIS 159: Introduction to iOS/iPhone Mobile App Development	3
<b>If emphasis is Digital Media Art and Design: select courses from List A. If emphasis is Programming: select courses from List B.</b>	
<b>Select four (4) courses from List A (Digital Media Art and Design):</b>	<b>12</b>
ART 122: Graphic Design I	(3)
ART 129: Introduction to Web Design	(3)
ART 149: Introduction to Digital Photography	(3)
ART 195: Introduction to Digital Media Arts	(3)
ART 221: Graphic Design II	(3)
ART 229: Multimedia Applications for the Web	(3)
ART 259: Advanced Mobile Application Development and Design	(3)
<b>Select four (4) courses from List B (Programming):</b>	<b>12</b>
CIS 259: Advanced iOS/iPhone Mobile App Development	(3)
CMPR 112: Java Programming	(3)
CMPR 120: Introduction to Programming	(3)
CMPR 213: C# Programming	(3)
MKTG 112: Principles of Advertising	(3)
<b>TOTAL</b>	<b>18</b>