



CURRICULUM GUIDE 2015-2016

MOBILE APPLICATION DEVELOPMENT

Certificate of Accomplishment in Mobile Application Development

Requirements for Certificate of Accomplishment:

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

MOBILE APPLICATION DEVELOPMENT

The certificate is designed to provide students with comprehensive training in interaction design and web application programming. Students create mobile web applications and native applications in Android platforms.

Student Learning Outcomes

1. Demonstrate professional workmanship by using technical and programming skills proficiently.
2. Design projects that communicate specific ideas and illustrate concepts of design.
3. Exhibit professional behavior and work ethic.
4. Use conceptual skills by innovating, brainstorming, sketching, and problem-solving to build prototypes and scenarios.
5. Demonstrate an understanding of the strengths, scope and limitations of software tools and APIs by selecting the appropriate tools when implementing a design.

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| CS-125 | Introduction to Programming Using Java | 4 |
| CS-174 | Mobile App Programming in Android | 4 |
| MM-105 | Web Site Design | 4 |
| MM-113 | Mobile Application Development | <u>3</u> |
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