

# MOBILE APPLICATIONS ENTREPRENEUR CERTIFICATE

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Division: Business and Computer Information Systems

PROGRAM CODE: 2C40676

The **Mobile Applications Entrepreneur Certificate** provides students with a foundation for the development of phone and tablet mobile applications. The curriculum emphasizes the basics of mobile application strategy, design and development using operating systems such as Apple and Android. The certificate also focuses on an understanding of entrepreneurship and business operations. Students will learn the planning, programming and marketing of mobile applications. A grade of C or better is required in each course taken. This certificate requires 16-17 units.

Code	Title	Units
<b>Required Courses (13-14 units):</b>		
BUS 170 F	Principles of E-Commerce	3
BUS 182 F	Mobile Applications for Business - APPs (formerly Doing Business Online)	3
CIS 201 F or CIS 226 F	Introduction to Python Programming Java Programming I	3-4
CIS 240 F	Intro to Mobile Applications	4
<b>Restricted Electives (3 units):</b>		
BUS 180 F	Small Business Management	3
BUS 181 F	The Entrepreneurial Mindset (formerly Business Plan Development)	3
BUS 185 F	Creativity Matters!	3
BUS 187 F	Innovation and New Product Development	3
BUS 188 F	Introduction to the Internet of Things Product Development	3
<b>Total Units</b>		<b>16-17</b>

**Outcome 1:** Demonstrate effective communication solutions to business problems using appropriate language and tools and demonstrating understanding of business terms and concepts.

**Outcome 2:** Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and information-based approach.

**Outcome 3:** Develop, design and deploy mobile apps for gaming, business, productivity, personal use, and education.

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