

Application Development Fundamentals Certificate

Degree Type

Certificate

Environment

campus

Program Length

28 weeks

Overview

Technology is prevalent through all areas of our global society and economy, and its evolution continues to impact how we interact, engage, and conduct business worldwide. The need for technology professionals is ever on the rise to build and maintain the applications that support our technology-driven lifestyle. Individuals who hold competencies in the realm of application development and product interaction as well as the ability to clearly communicate on technical topics within an organization are becoming increasingly valuable to a wide range of enterprises. In the Application Development Fundamentals undergraduate certificate program, students will learn the foundations of application development and computer programming while utilizing industry-standard software development processes. Students will build their aptitude with technical writing and specialized communication as well as gain practice with the tools required to enter and begin work in the many industries supported by technology and those who understand it.

Objective

Certificate's Objective The Application Development Fundamentals undergraduate certificate program equips students with foundational knowledge of application development. Students will be introduced to programming basics as well as the software development process. This certificate program provides graduates with the insight needed to contribute to the development field with experience in code, industry-standard workflows and documentation, and development essentials.

Month 1

Month 1

Code	Title	Credit Hours
TEM1001	Technology in the Entertainment and Media Industries	4.0

Month 2

Month 2

Code	Title	Credit Hours
MAD1100	Discrete Mathematics	4.0

Month 3

Month 3

Code	Title	Credit Hours
DEV1000	Introduction to Development I	4.0

Month 4

Month 4

Code	Title	Credit Hours
DEV2000	Introduction to Development II	4.0

Month 5

Month 5

Code	Title	Credit Hours
DEV2300	Application Development	4.0

Month 6

Month 6

Code	Title	Credit Hours
ADF155	Project I: Application Development Fundamentals	2.0

Month 7

Month 7

Code	Title	Credit Hours
ADF156	Portfolio I: Application Development Fundamentals	1.0
Total Credit Hours		23