

# 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

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

## Month 2

Code	Title	Credit Hours
MAD1100	Discrete Mathematics	4.0

## Month 3

Code	Title	Credit Hours
DEV1000	Introduction to Development I	4.0

## Month 4

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
DEV2000	Introduction to Development II	4.0

## Month 5

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
DEV2300	Application Development	4.0

## Month 6

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
ADF155	Project I: Application Development Fundamentals	2.0

## Month 7

<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
ADF156	Portfolio I: Application Development Fundamentals	1.0
<b>Total Credit Hours</b>		<b>23</b>

### Please Note

- This program is approved for campus and online; currently only enrolling online.