

**Web Applications Certificate**

**17 credits**

This short certificate provides an overview of web application development, with a focus on ASP.NET / SQL Server development, to students with some previous programming experience. Students gain first-hand experience designing data-driven, web applications; accessing database securely; and developing three-tier application architecture: presentation, logic and data, using an agile application development process.

**CERTIFICATE REQUIREMENTS**

**17 CREDITS**

Course ID	Course Name	Lec	Lab	Other	Credits
BIT 142	Intermediate Programming	55			5.0
BIT 285	Application Programming	55			5.0
BIT 286	Web Applications	55			5.0
BIT 197, or BIT 297	BIT Work-Based Learning I, or BIT Work-Based Learning II			110	2.0