

Undergraduate Certificate - Enterprise Web Applications using .NET

ENTD464	Enterprise Development using .NET: Project	3
Total Semester Hours		18

The undergraduate certificate in Enterprise Web Applications Using .NET focuses on the principles and leading practices necessary to design, develop, test, and implement web applications using the .NET framework. You will be taught to apply and use object-oriented programming (OOP), Visual Basic, ASP, and C# to develop web applications, and to build real-world .NET applications. This online certificate is intended for undergraduate students who want to expand their web application development skills without committing to an academic degree program.

Note: Prior experience with object-oriented software development is strongly recommended for this program.

Certificate Objectives

Upon successful completion of this certificate, the student will be able to:

- Discuss the impact of the .NET framework on Information Technology management, on security, and on global economies as it applies to enterprise ecommerce solutions on the Web.
- Examine the principles and concepts of Object Oriented Programming (OOP) and evaluate the application of these principles in Visual Basic, ASP, and C#.
- Explore and analyze the hierarchy of the Framework Class Libraries (FCL); use the objects and properties to design and develop applications on the Web.
- Appraise the architecture, the life cycle, management issues, and process for developing Visual Basic, ASP, and C# web applications.

Certificate Requirements (18 semester hours)

Code	Title	Semester Hours
ENTD200	Fundamentals of Programming	3
ENTD361	Enterprise Development Using VB.NET: Introduction	3
ENTD461	Enterprise Development Using VB.NET: Advanced	3
ENTD462	Enterprise Development Using ASP.NET	3
ENTD463	Enterprise Development Using C#	3