

# North Hennepin Community College

## CSCI 2060: Web Programming in ASP.NET

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

This course requires both of these prerequisite categories

1. CSCI 1040 - Fundamentals of Structured Query Language (SQL)

And

2. CSCI 1150 - Programming in C# for .NET (Minimum grade: 1.67 GPA Equivalent)

Corequisites: None

MnTC Goals: None

ASP.NET is a technology for creating web-based programs and services. This course introduces ASP.NET on the foundation of the prerequisite courses that taught the fundamentals of .NET framework, C# programming language, SQL Server database, and the primary development environment Microsoft Visual Studio.

The main goal of this course is to teach the basics of creating and deploying Web applications utilizing ASP.NET technology. Besides using the C# programming language, the students will learn the commonly used ASP.NET controls included in Microsoft Visual Studio. The course includes the techniques of reading the data from a SQL Server database into a Web application and displaying it on a web page, as well as modifying and amending the database content.

Prerequisites: CSci 1150 and CSci 1040

**B. COURSE EFFECTIVE DATES:** 06/01/2015 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

None

### D. LEARNING OUTCOMES (General)

None

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

1. Knowledge of Human Cultures and the Physical and Natural World --Through study in the sciences, mathematics, social sciences, humanities, histories, languages, the arts, technology and professions.

2. Intellectual and Practical Skills ; Including: Inquiry and analysis; Critical and creative thinking; Written and oral communication; Quantitative literacy; Information literacy; Teamwork and problem solving.