Course Overview

Course Title	Web Application Design and Development
Course and Section Number	IST-355-1
Number of Credits	3 Semester Credits
Term	21/AUTM
Course/Section Dates	08/16/2021 – 10/09/2021
Meeting Time	Class meets on Thursday's at 6:00PM CDT
Instructor	Steve Millet
Doane Email Address	steven.millet@doane.edu
Textbook Information: (e.g. title, edition, publisher, ISBN)	Book will be updated in the bookstore soon. Link to Doane Bookstore: https://www.bkstr.com/doaneuniversitystore/shop/textbooks-and-course-materials
Additional Course Materials	Flash Drive recommended for backing up class materials
Course Description	This course investigates techniques to develop applications designed for the Web. Upon completion of this course, students will have the skills to design and develop Web applications using a number of different techniques and tools, and will design and develop a Web application using these techniques and tools.
Foundational Area of Knowledge	
Course Learning Outcomes/Objectives	1. Understand the phases involved in applying the Software Development Life Cycle (SWDLC).

2. Understand the software deployment design methods used in web development today (ASP).

3. Be familiar with features of the VbScript, Jscript and C# programming languages.

4. Be able to develop desktop programs utilizing the programming tools in Visual Studio.Net.

5. Be able to plan the needs of a web software development project including database design.

6. Be able to develop using the thin client (3 – tiered) model for web site or business software

Technology Requirements

For the successful use of Canvas please refer to Doane University's [minimum computer requirements](#). This may also include:

- Reliable computer and internet connection
- A web browser (Chrome or Mozilla Firefox)
- Adobe Acrobat Reader (free)
- Word processing software -Microsoft or Google Docs
- Webcam and mic

Syllabus Addendum

www.doane.edu/syllabus includes information regarding:

- Academic Support
- Military Friendliness & Services
- Study Time
- Credit Hour Definition
- Catalog and Policies

Technological Support

If you are in need of technical assistance, please contact the help desk at 402-826-8411 or by email at helpdesk@doane.edu.

Learning Management System

Canvas: https://doane.instructure.com

Campus Network or Canvas Outage

When access to Canvas is not available for an extended period of time (greater than one entire evening - 6pm till 11pm) you can reasonably expect that the due date for assignments will be changed to the next day (assignment still due by midnight).