



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: ASP .Net MVC Development
Course Number: WDD225

Required Materials

Textbook(s): None
Required Readings: None
Additional Materials: **Access to Visual Studio Community 2022** running on a computer with a Windows 10 or 11 Operating system. Visual Studio versions 2012, 2013, 2015, and 2017 will not work for this class. Access to the Internet Browser that meets the requirements for Brightspace (Chrome or Edge)

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Lab 1 – Research and write a paper on MVC
Week 2	Lab 2 - Introduction to MVC Routing and Access Control
Week 3	Lab 3 - MVC Controller Methods and Action Results
Week 4	Lab 4 - Views, Layouts, and Navigation Menus
Week 5	Lab 5 - Working with ViewBag and HTML Helper Methods
Week 6	Lab 6 - Working with Partial Views in MVC
Week 7	Lab 7 - Creating Models and Binding Data to Views
Week 8	Lab 8 - Entity Framework Scaffolding and Database Operations
Week 9	Lab 9 - Entity Framework Code-First Migrations
Week 10	Lab 10 – Application Development with Documentation
Week 11	Lab 11 - Entity Framework Relationships with Sorting, Filtering, and Paging
Week 12	Lab 12 - AJAX and Asynchronous Form Submission in MVC
Week 13	Lab 13 - Authentication and Authorization in MVC
Week 14	Lab 14 – Create a Web API Project
Week 15	Extra Credit Assignment - Loading and Displaying Images in MVC
Week 16	Final