



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Advanced .Net Development  
**Course Number:** CSE230

### Required Materials

**Textbook(s):** Murach's C# (8th Edition) , ISBN 9781943873074, Murach, Joel and Boehm, Anne  
**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	Quiz 1
Week 2	Exercise 1 Practice Labs on page 70 and 79
Week 3	Control Lab – Learn to move from treeview to listbox; use buttons; create an imagelist
Week 4	Exercises 1 and 2; Create a toolstrip-based web browser; Add a file browsing capability to browser; Practice with mouse events
Week 5	No Lab
Week 6	Lab 3 – Make a database table; add data
Week 7	Lab 4 – Create a SQL Server Local Database
Week 8	Blob Lab – Create a sample blob program; create SQL Server Database for the blob program Extra Credit 1 – Encrypting/Decrypting Blob Extra Credit 2 – Show the picture in a picturebox control Extra Credit 3 – Research Bulk Insert
Week 9	Extra Credit LINQ – LINQ to Object
Week 10	Dataset Lab – Create a program that lists products
Week 11	No Lab
Week 12	Crud Lab - Create an application that allows the user to view data from a database table
Week 13	Lab Datagridview – Research features and provide a working example
Week 14	No Lab
Week 15-16	Final Project

