

EE 356/CS 376
Syllabus

Fall 2017/18
Blandford/Randall

Web site: <http://csserver.evansville.edu/~blandfor>

Textbook: Petzold, Charles, Programming Windows, 6th edition, Microsoft Press, 2013.

References:

1. Liberty, Jesse, Japikse, Philip, and Galloway, Jon, Pro Windows 8.1 Development with XAML and C#, APress, 2014
2. Nathan, Adam, Windows 8.1 Apps with XAML and C# Unleashed, Pearson, 2014

Software:

1. Visual Studio 2017, Microsoft Corporation.

Hardware:

Hardware will be furnished in class as needed.

This class will have no hour exams, no quizzes, and no final exam. Each student will be required to complete 7 projects in C#. Most projects will be done on an individual basis – one or two may be done on a team basis depending on the project complexity. Each project will require the following documentation:

1. Cover sheet with name, assignment number, date turned in.
2. Instructor signed verification sheet.
3. Project summary – this consists of:
 - A) A paragraph or two explaining what the project is about.
 - B) A list of specification
 - C) A summary of your results indicating how well you project met specifications.
4. Complete commented source code.

Seventy percent of the project grade will be based on how well the project worked and met specifications. The remaining 30% will be based on the documentation and the report. The course grade will be the average grade of all of the projects. Projects not turned in by the due date will be penalized by 1 letter grade and no project will be accepted more than one-week late.

Projects:

| No. | Title | Assigned | Due | Comments |
|-----|---------------------|----------|----------|----------|
| 1 | Jackson Pollock art | Aug. 24 | Sept 6 | |
| 2 | Image Merging | Sept. 8 | Sept. 18 | |
| 3 | Travelling Salesman | Sept. 20 | Oct. 2 | |
| 4 | | Oct. 4 | Oct. 16 | |
| 5 | | Oct. 18 | Oct. 30 | |
| 6 | | Nov. 1 | Nov. 13 | |
| 7 | | Nov. 15 | Dec 6 | |

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| Monday | Wednesday | Friday |
|--|--|---|
| | Aug. 24 Intro to C# Project 1 Intro | Aug. 26 WPF Graphics |
| Aug. 28 WPF Graphics | Aug 30 WPF Graphics | Sept. 1 <i>Project work day</i> |
| Sept. 4 Labor Day | Sept. 6 Project 1 Due | Sept. 8 Project 2 Intro |
| Sept. 11 <i>Project work day</i> | Sept. 13 <i>Project work day</i> | Sept. 15 <i>Project work day</i> |
| Sept. 18 Project 2 Due | Sept. 20 Project 3 Intro | Sept. 22 <i>Project work day</i> |
| Sept. 25 <i>Project work day</i> | Sept. 27 <i>Project work day</i> | Sept. 29 <i>Project work day</i> |
| Oct. 2 Project 3 Due | Oct. 4 Project 4 intro | Oct. 6 <i>Project work day</i> |
| Oct. 9 Fall Break | Oct. 11 <i>Project work day</i> | Oct. 13 <i>Project work day</i> |
| Oct. 16 Project 4 Due | Oct. 18 Project 5 intro | Oct. 20 <i>Project work day</i> |
| Oct. 23 Notes System.NET.sockets | Oct. 25 <i>Project work day</i> | Oct. 27 <i>Project work day</i> |
| Oct. 30 Project 5 Due | Nov. 1 <i>Project 6 intro</i> | Nov. 3 <i>Project work day</i> |
| Nov. 6 <i>Project work day</i> | Nov. 8 <i>Project work day</i> | Nov. 10 <i>Project work day</i> (Last day to withdraw with W) |
| Nov. 13 Project 6 Due | Nov. 15 <i>Project 7 Intro</i> | Nov. 17 <i>Project work day</i> |
| Nov. 20 Notes <i>Project work day</i> | Nov. 22 Thanksgiving Break | Nov. 24 Thanksgiving Break |
| Nov. 27 Notes <i>Project work day</i> | Nov. 29 <i>Project work day</i> | Dec. 1 <i>Project work day</i> |
| Dec. 4 <i>Project work day</i> | Dec. 6 Project 7 Due | |