



CSIS 3726 Visual/Object Oriented Programming

CRN: 45175

Fall 2022; 8/29/2022 – 12/17/2022

In Person, Monday and Wednesday 11:00AM-1:15PM, Meshel Hall RM 352

Contact Information

Professor: Anthony DePinto

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Office Hours: Upon request

Catalog Description

Use of one or more visual programming languages in conjunction with the concepts of object-oriented programming. Development of interactive programs using a graphical user interface. Database and Internet programming. Prereq: CSIS 2605 or CSIS 2610

Course Materials

Textbook: Visual Basic 2012 How To Program, Pearson 6th edition, by Deitel

Students will be required to use Visual Studio Community edition on a Windows computer or a Mac with a Windows Virtual Machine.

Course Learning Outcomes/Objectives

Upon completion of this course, students will be able to:

- Create Windows applications.
- Create web based applications.
- Understand and use computer terms from the textbook, lecture and readings.
- Understand event-driven programming principles.
- Understand how to use common visual programming controls.

Attendance Expectations

Attendance is encouraged as some material may be covered in class that is not contained in the textbook and PowerPoint presentations. Active participation in class discussions is encouraged and may count for a small portion of your grade.

There is no make-up for exams. Missing an exam will greatly affect your grade since they carry a higher percentage of your grade. In case of illness or abnormal circumstances, please consult with the instructor in advance if possible to make alternate arrangements.

Additionally, the [YSU Attendance Policy](#) addresses excused absences for participation in university-sponsored events, government-related activities, religious observances, death of a family member, and documented personal illness.

Assignments/Assessments

Lab Assignments:

Lab assignments will be graded as pass/fail. They will be used to apply and/or re-enforce programming concepts covered during lectures. Unless otherwise noted, the labs are to be done individually. Labs turned in after the posted due date will not be accepted and will receive 0 points.

Homework Assignments:

There will be 5 homework assignments based on the lectures. Each assignment will be posted online along with given due date. These assignments will be programming problems. Homework assignments are to be done individually. Homework assignments turned in after the solution has been posted will not be accepted and will be given 0 points. If the solution has not been posted, an assignment turned up to one week past the due date will be given 50% of the points the assignment would have earned if turned in on time. If turned in over one week past the due date, the assignment will receive 0 points.

Faculty Evaluation:

At the end of the semester I encourage all of you to fill out student evaluations for the class. They assist instructors in making changes to our classes to make them more meaningful and/or enjoyable for students. We can learn which assignments students enjoy, which ones they find less meaningful and how to improve overall student learning in classes.

Course Topics and Lecture/Lab Schedule:

Important Dates:

09/05 – No Class – Labor Day
10/12 – Exam #1 – Covers Units 1-6
10/30 – Last Day for Withdrawing with Grade of 'W'
11/23 – No Class – Thanksgiving Break
12/07 – Exam #2 – Covers Units 7-13

Week	Week beginning	Topic	Required Reading
1	08/28	Introduction to Visual Basic, User Interface Design	Chapter 1, Chapter 2
2	09/04	Introduction to Visual Basic Programming	Chapter 3
3	09/11	Introduction to Visual Basic Programming	Chapter 3
4	09/18	Problem Solving and Control Statements	Chapter 4
5	09/25	Problem Solving and Control Statements	Chapter 5

6	10/02	Methods – Subroutines and Functions	Chapter 6
7	10/09	Review – Exam 1	
8	10/16	Arrays	Chapter 7
9	10/23	Files	Chapter 8
10	10/30	Object Oriented Programming – Classes and Objects	Chapter 9
11	11/06	Object Oriented Programming – Inheritance and Polymorphism	Chapter 10
12	11/13	Web Applications	Chapter 13
13	11/20	Web Applications / Thanksgiving	Chapter 13
14	11/27	Database Applications	Chapter 12
15	12/04	Review – Exam #2	
16	12/11	Finals Week – Exam #2 on 12/13 from 10:30-12:30PM if necessary	

Grading and Grading Scale

Grading will be based on the weighted average scores as follows:

Exam 1	25%
Exam 2	25%
Homework Assignments	40%
Lab Assignments	5%
Attendance	5%

Letter grades will be based on the weighted average score according to the following scale:

Weighted Average:	Letter Grade
90%-100%	A
80%-89%	B
70%-79%	C
60%-69%	D
< 59%	F

For more information see the [YSU Grading System](#).

University Policies

[University policies](#) can be found online and provide you guidance on your rights as a student in this course. The links below take you directly to a specific policy. Should you have any questions about a policy, please do not hesitate to contact me using the information at the top of the syllabus.

- [Statement of Non-Discrimination from the University](#)
- [Academic Integrity/Honesty](#)
- [Student Accessibility](#)
- [Incomplete Grade Policy](#)
- [Classroom Health and Safety Protocols](#)