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**Instructor:** Mr. David Newcomb  
**Office:** Yates Hall Room 210/203  
**Hours:** MWF: 9 – 10; TuTh: 8- 10, 12 - 2  
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### **Textbook and Additional Materials**

Pdf etextbook in Canvas, Modules  
Microsoft Visual Studio Community 2019.  
Python.org.

### **Catalog Course Description**

This course is an introduction to the Visual Basic programming language and to the Visual Studio program development environment. It is designed as an entry level course to introduce basic programming concepts using object-oriented methodologies. Python programming language will be introduced.

### **Prerequisites**

MATH 113 College Algebra or permission of the instructor.

### **Course Objectives / Learning Outcomes**

This course uses fundamental programming concepts, including variables, data types, input/output methods, calculations, decision structures, loops, procedures, and arrays.

### **General Education Goals**

1. Demonstrate the ability to distinguish between relevant and irrelevant information in problem solving.
2. Articulate a problem and develop a logical and reasonable response to it using appropriate sources.
3. Apply generalizations, principles, theories, or rules to the real world.
4. Demonstrate the ability to analyze and synthesize information.

### **Tentative Course Outline**

1-17 Chapter 1 -- Introduction to Visual Basic using Visual Studio  
1-24 Chapter 2 – User Interface Design: forms, controls, properties, methods  
1-31 Chapter 3 – Variables, constants and calculations  
2-7 Chapter 3 – Data types, error handling and messages  
2-14 EXAM 1 – Variables and Calculations  
2-21 Chapter 4 – Decision statements using If..Then, If..Then..Else  
2-28 Chapter 4 – Radio Buttons, Check Boxes, MenuStrip, ToolTips  
3-7 Chapter 7 – Case statement, MenuStrip, Tooltips  
3-14 \*\*\* Spring Break \*\*\*  
3-21 EXAM 2 – Decision Statements  
3-28 Chapter 5 – ListBox, InputBox and Loop Structures  
4-4 Chapter 8 – Arrays  
4-11 EXAM 3 – Loop Structures  
4-18 Introduction to Python  
4-25 Python – Assignments and Resources in Canvas  
5-2 Python – Assignments and Resources in Canvas  
5-9 EXAM 4 -- Python

### **Teaching Methods**

Lecture, demonstration, computer lab tutorials, assignments, quizzes and exams will be used.  
Canvas Announcements, Syllabus, Modules, Assignments, Quizzes, and Grades will be used.

## **Canvas**

Canvas Announcements, Syllabus, Modules, Assignments, Quizzes, and Grades will be used.

## **Attendance Policy**

1. Class attendance is the responsibility of each student. Students are expected to attend and check class materials on Canvas regularly.
2. Students with excessive absence could be dropped from class with a grade of “W.” Please be aware of the deadlines to drop a class.
3. Students who have school-sponsored activities that will cause a conflict with the class should let the instructor know prior to the activity.

## **Classroom Conduct**

It is expected that the student will maintain behavior appropriate for a collegiate learning environment.

<https://www.pittstate.edu/registrar/catalog/current/student-rights-and-responsibilities.html>

## **Academic Integrity**

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college’s Student Code of Ethics: [https://business.pittstate.edu/\\_files/documents/Codes-of-Ethics-Handout11.pdf](https://business.pittstate.edu/_files/documents/Codes-of-Ethics-Handout11.pdf)

Students pledge to:

- Arrive on time, remain until dismissed at all class sessions, and notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Refrain from class disturbances.
- Refrain from use of profane or vulgar language in a threatening or disruptive manner.
- Treat fellow students, staff, faculty, administrators, and property with respect.
- Refrain from giving or receiving inappropriate assistance.
- Prepare assignment and exams honestly, refraining from such unacceptable conduct as plagiarism or unacknowledged appropriation of another’s work in any academic work.
- Obey the policies, regulations, and laws of the United States of America, the State of Kansas, The Kansas Board of Regents, Pittsburg State University, and the Gladys A. Kelce College of Business.
- If a student observes someone committing dishonesty in connection with academic work, the student is encouraged to report that dishonesty to the appropriate individual (ex, faculty member, or administrator).

## **Students with Disabilities**

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement.

## **Course Evaluation Methods**

There will be assignments based on the text and lectures. There will be four exams throughout the semester. The exams will be based on the text, lectures, and assignments. Your grade will be calculated by dividing the total points you have accumulated from assignments, quizzes, and exams by the total points possible, and using the following scale.

A: 90%-100%                      B: 80%-89%                      C: 70%-79%                      D: 60%-69%                      F: below 60%

## **Additional Information**

Please refer to the PSU syllabus supplement.

[https://www.pittstate.edu/registrar/\\_files/documents/syllabus-supplement-spring-2023.pdf](https://www.pittstate.edu/registrar/_files/documents/syllabus-supplement-spring-2023.pdf)

## **Note**

The instructor reserves the right to amend and to reorganize this syllabus at any time.