CSC 108   Introduction to Computer Programming   Fall 2018

Professor: Blase B. Cindric   **Phone:** (330) 829 – 6649   **E-mail:** cindricbb@mountunion.edu

Office: KHIC 048   **Office Hours:** Monday & Wednesday 3:50 – 4:30 pm;
                              additional times by appointment

Course Description:

A first experience in computer programming for students who have no previous programming experience. Hands-on laboratory activities will be a major part of the course. 2 Sem. Hrs.

Textbook:

Reas, Casey and Ben Fry. Getting Started With Processing, 2/e. Make Publishing, 2015. This text is accessible for free via SAFARI as part of the on-line resources of the University of Mount Union Library. Other freely-accessible on-line texts may also be used during the course.

Means of Evaluation:

Participation (5 pts / class; see policies below) ... = 110 pts
Lab Assignments & Activities .... =   90 pts
5 Programming Assignments (25 pts each) .... = 125 pts
6 Quizzes (25 pts each) .... = 150 pts
                                                            ——
TOTAL POINTS POSSIBLE .... = 475 pts

Grading Criteria:

92% – 100.0% = A   (437 – 475 pts)
90% – 91.9% = A– (428 – 436 pts)
88% – 89.9% = B+ (418 – 427 pts)
82% – 87.9% = B   (390 – 417 pts)
80% – 81.9% = B– (380 – 389 pts)
78% – 79.9% = C+ (371 – 379 pts)
72% – 78.9% = C   (342 – 370 pts)
70% – 72.9% = C– (333 – 341 pts)
62% – 69.9% = D   (295 – 332 pts)
60% – 61.9% = D– (285 – 294 pts)
 0% – 59.9% = F   (0 – 284 pts)

Course Policies:

Participation points for a class session are given for attendance and a minimum of 40 minutes spent working in person in the classroom on CSC 108 activities. All assignments are due on or before the *beginning* of class on the due date, unless specifically stated otherwise. Penalty for late work = –20% of the points for the assignment per class session work is submitted late. Make-up work will be available/acceptable only with a legitimate excuse approved by the instructor. (WARNING: Make-up quizzes and assignments may be more difficult than regular work!) . No cell phones or other communications devices/software may be used during any in-class evaluation.

Accessibility Support Statement:

Any student with a documented disability needing academic accommodations is requested to speak with the Director of Student Accessibility Services (ext. 7372) and the instructor, as early in the course as possible. All discussions will remain confidential.

Tentative Weekly Schedule: Key: (Lab Assignment Due)   <Programming Project Due>   [Quiz Date]

Week	Chap.	Monday	Wednesday	Friday
1	Ch. 1,2	10/16: Introduction	10/17:	10/19:
2	Ch. 3	10/22: (Lab 1 due)	10/24: < Prog 1 due > [Quiz 1]	10/26:
3	Ch. 5	10/29:	10/31: (Lab 2 due) [Quiz 2]	11/ 2: <Prog 2 due >
4	Ch. 4	11/ 5:	11/ 7:	11/ 9: (Lab 3 due) [Quiz 3]
5	Ch. 7,8	11/12:	11/14:	11/16: (Lab 4 due) [Quiz 4]
6	Ch. 11	11/19: <Prog 3 due >	11/21: ** *THANKSGIVING* **	11/23: ** *THANKSGIVING* **
7	Ch. 11,9	11/26:	11/28: (Lab 5 due) [Quiz 5]	11/30: <Prog 4 due>
8	Ch. 9	12/ 3:	12/ 5: (Lab 6 due)	12/ 7: < Prog 5 due > [Quiz 6]

Professor: Blase B. Cindric　　**Phone:** (330) 829 – 6649　　**E-mail:** cindricbb@mountunion.edu

Office: KHIC 048　　**Office Hours:** Monday & Wednesday 3:50 – 4:30 pm; additional times by appointment

Course Goals:

Students will learn introductory concepts of computer programming through hands-on experience in reading and writing programs.

Course Objectives:

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

- identify the differences in representations of various data types in a computer programming language.

- write computer programs that use selection to choose one of several alternative actions based on the relationships between data values.

- write computer programs that use repetition to execute one (or several) programming statement(s) a specific number of times.

- write computer programs that use arrays to store large collections of data and process that data in meaningful ways.

- read the source code of a computer program and correctly predict the results of executing that program.