

# CSCI 206 – Fall 2018

## Fundamentals of Programming

**Instructor:** Natasha Delahunt

**Email:** ndelahunt@claflin.edu

**Credit:** 4 hours

**Webpage:** [cu.mrooms.net](http://cu.mrooms.net)

**Class Time:** Sect 1: MWF 9:00 AM-9:50 AM

Lab: Tues 9:00 AM – 10:15 AM

Sect 2: MWF 8:00 AM-8:50 AM

Lab: Thurs 9:00 AM – 10:15 AM

**Classroom:** Sect 1: JST-109; Sect 2: JST-327

**Labroom:** JST-137

**Office Hours:** TBD

**Phone:** (803) 535-5074

### Specific Course Information

**Bulletin Description:** This course aims to teach students about the syntax, semantics, and application of an object-oriented programming language. Topics include memory, variables, data types, assignments and initializations, operators, strings, control flow, looping, input/output, arrays, and recursion. The course will focus on solving problems using a programming methodology. Four semester credit hours.

#### Course Objectives:

- **CO1:** Solve problems using a computer.
- **CO2:** Read and design algorithms.
- **CO3:** Design data structures.
- **CO4:** Demonstrate the ability to use a software development environment to construct, execute, test, and debug software.
- **CO5:** Demonstrate the ability to program a computer in a high-level language.

#### Notes:

- Prerequisite for CSCI 206: A grade of "C" or better in MATH 111 or MATH 112.
  - Please let me know if this is not the case for you.
- Prerequisite for CSCI 207: A grade of "C" or better in CSCI 206 or its equivalent.

### Topics Covered

- History of computers/programming
- Chapter 2: Introduction to Java Applications; Input/Output and Operators
- Chapter 4: Control statements: Part I; Assignment, ++, and -- operators
- Chapter 5: Control Statements: Part 2; Logical Operators
- Chapter 6: Methods
- Chapter 7: Arrays and ArrayLists, Final Assessment

## Assessment and Grading

Midterm Exam	30%
Final Exam	30%
Labs	30%
HW/Quizzes	10%

- It your responsibility as the student to be actively engaged (i.e., being present and hearing announcements, taking notes in class, etc.).
- No makeup quizzes will be given.

**NO MAKEUP EXAMS** will be given without proper excuse from the Vice President for Student Development and Services NO EXCEPTIONS!!!

The grade is calculated as follows:

A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74
D+	65-69
D	60-64
F	< 60

## Final Exam

- The final exam schedule is
  - Section 1: Thursday, December 6 at 8:00 AM.
  - Section 2: Tuesday, December 4 at 8:00 AM.
- You may only take the final on the day and time your section is scheduled. NO EXCEPTIONS!!
- Finals will take place in your regular classroom unless otherwise specified.

## Policies and Statements

**Course policy/ Makeup, Late assignment policy:** You will have 1 week to complete a homework assignment. If it is not turned in on time, you then have an additional week to complete the assignment and turn it in late. You will lose 10% of your grade when handing it in late. Late work will not be accepted after 2 weeks from the time of the assignment.

**Attendance Policy:** Attendance is mandatory. Absence from more than 10% of the scheduled class, whether excused or unexcused, is excessive. If you miss more than 10%, I may deduct points from your final grade.

**Assurance Statement:** If you may need special accommodations in this class related to a disability, please make an appointment with the **Office of Disability**, as soon as possible. Please contact **Sadie Jarvis** with **Disability Services at (803) 535-5285, [sjarvis@claflin.edu](mailto:sjarvis@claflin.edu), Carson Hall Room 121.**

**Code of Honor Policy Statement:** Claflin University prohibits all forms of academic or scholarly dishonesty, including written or oral examinations, term and research papers or theses, modes of creative expression, and computer-based work. Scholarly dishonesty includes lying, cheating, plagiarism, collusion, and the falsification or misrepresentation of experimental data. **(Please review Claflin University Student Handbook: Code of Conduct and Code of Ethics.)**

**Claflin University Early Alert Program:** As part of the University's renewed focus on engaged learning, the **Early Alert Program** has been enhanced and expanded. This program is designed to assist with your success and will be given a high priority as a strategy for this class. Should the instructor determine that you might benefit from taking advantage of these support services and campus resources, you will be referred for such additional support to assist with successful completion of this course. It is further expected that you will comply with the referral and take advantage of the services offered. Such referrals are solely intended to enable you reach and achieve your academic and personal goal.

**Severe Weather:** Local radio and television stations announce tornado watches when the weather conditions are right for a tornado, but none have been sighted, when a tornado has been sighted, and storm alerts when a severe thunderstorm is approaching. Weather information can also be accessed via the University's website home page. All students are encouraged to sign up for the **Panther Alert** system. *Panther Alert is a mass notification system that enables University students, faculty and staff to receive alerts and updates as text messages on cell phones, through email and voicemail.* <http://www.claflin.edu/news-events/panther-alerts>

**Guidelines for Civil and Responsible Use of Personal Technology:** Please restrict the use of mobile devices during the class to participation in classroom activities.

**Other notes:** Please refrain from any activity that can disturb the class and distract other students and instructor.