CSCI-206-01 and Lab: 2018FA
Fundamentals of Programming
Department of Mathematics & Computer Science
School of Natural Sciences & Mathematics

Instructor	Natasha Delahunt	***Office***	JST 113
Phone	(803) 535-5074	***Email***	NDelahunt@claflin.edu
Office Hours	TR 12:00 – 3:00 PM	***Class Time*** ***Lab Time***	MWF 9:00 – 9:50 AM TR 9:00 – 11:00 AM
Webpage	https://online.claflin.edu	***Class Location***	JST-327

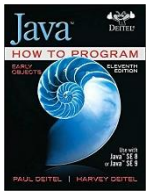
Include the course name in the subject of all emails (i.e., CSCI 206-1)

Course 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 shall focus on solving problems using a programming methodology.

Prerequisite: A grade of "C" or better in MATH 111 or MATH 112.
This course is a prerequisite for CSCI 207. A grade of "C" or better is required.

Textbook: Java How to Program
11th Edition, 2015
Harvey Deitel and Paul Deitel
ISBN-10: 0132575663
ISBN-13: 9780132575669
Publisher: Prentice Hall



Course Outcomes

Students will be able to:

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.

Assessment of Course Outcomes

Outcomes	Methods of Assessment
CO1: Solve problems using a computer	assignments, quizzes, tests, labs
CO2: Read and design algorithms	assignments, quizzes, tests, labs
CO3: Design data structures	assignments, quizzes, tests, labs
CO4: Demonstrate the ability to use a software development environment to construct, execute, test, and debug software	assignments, quizzes, tests, labs
CO5: Demonstrate the ability to program a computer in a high-level language	assignments, quizzes, tests, labs

ABET-CAC Course Outcomes – Student Outcomes Mapping

ABET CAC Criteria & Student Outcomes http://www.abet.org/accreditation-criteria-policies-documents/			Course Outcomes				
			1	**2**	**3**	**4**	**5**
ABET CAC CRITERIA (STUDENT OUTCOMES)	a	An ability to apply knowledge of computing and mathematics appropriate to the discipline	2	2	1	1	3
	b	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution	2	3	1	2	2
	c	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs	0	0	0	0	0
	d	An ability to function effectively on teams to accomplish a common goal	0	0	0	0	0
	e	An understanding of professional, ethical, legal, security and social issues and responsibilities	0	0	0	0	0
	f	An ability to communicate effectively with a range of audiences	0	0	0	0	0
	g	An ability to analyze the local and global impact of computing on individuals, organizations, and society	0	0	0	0	0
	h	Recognition of the need for and an ability to engage in continuing professional development	0	0	0	0	0
	i	An ability to use current techniques, skills, and tools necessary for computing practice.	0	0	0	0	0
	j	An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices	0	0	0	0	0
	k	An ability to apply design and development principles in the construction of software systems of varying complexity.	0	0	0	0	0

* 3 = major contributor, 2 = moderate contributor, 1 = minor contributor; 0 = if not related

Tentative Schedule

Topic
History of computers/programming and Chapter 1
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 Policy

Midterm Exam	20%
Test 2	20%
Final Exam	20%
Lab Assignments	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. Some quizzes may be given unannounced.

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

- Finals will take place in your regular classroom unless otherwise specified.

Grading Scale

A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74
D+	65-69
D	60-64
F	0-59

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.

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. (For social behavior, see Claflin University Student Handbook: Code of Conduct and Code of Ethics.)

Code of Honor Definition of Violations

1. Academic Dishonesty – This includes any other act (not specifically covered in previous provisions) that compromises the integrity of a student or intrudes on, violates, or disturbs the academic environment of the University Community. Examples include attempting or agreeing to commit, or assisting or facilitating the commission of, any scholastic dishonesty, failing to appear or testify without good cause when requested by the Council for the Code of Honor, failing to keep information about cases confidential, supplying false information to the Council for the Code of Honor and accusing a student of a violation of this Code in bad faith.
2. Cheating – This act implies an intent to deceive. It includes all actions, using electronic or other devices, and deceptions used in the attempt to commit this act. Examples include, but are not limited to, copying answers from another student's exam and using a cheat sheet or crib notes in an exam.
3. Collusion – This is the act of working together on an academic undertaking for which a student is individually responsible. Examples include, but are not limited to, sharing information in labs that are to be done individually.
4. Plagiarism – Plagiarism is representing the words or ideas of someone else as one's own. Examples include, but are not limited to, failing to properly cite direct quotes, the false utilization of copyrighted material and the failure to give credit for someone else's ideas.

(*2018-2020 Claflin University Catalog*, pg. 21)

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, Carson Hall Room 121.

Early Alert Statement

As a part of our renewed focus on engaged learning, Claflin University has enhanced and expanded its current Early Alert Program. 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 as a means 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. Please understand that such referrals are not a form of punishment, rather, they are intended to help you reach and achieve your academic and personal goal.

Attendance

Students are expected to attend all classes for which they are registered for the duration of each class session. Students may be allowed as many unexcused absences as hours a course meets weekly. The maximum number of excused absences is at the discretion of each instructor. Unexcused absences on the days immediately preceding or following a holiday are counted as double-absences. Excessive absences are reported during each grade reporting period by the instructor in the database provided through MyClaflin.

Students may obtain official university excuses for absences from the Office of Student Development and Services or other designated campus officials. After students obtain signatures from the appropriate course instructors, all excuses must be returned to the Office of Student Development and Services.

Students who may miss classes while representing the university in an official capacity are exempt from regulations governing absences only to the extent that their excessive absences result from the performance of such university business or affairs. Absence from class for any reason does not relieve the student from responsibility for any class assignments that may be missed during the period of absence.

Guidelines for Civil and Responsible Use of Personal Technology

Please do not use personal devices for activities that are not related to coursework or current class activities. Repeat warnings will result in being asked to leave the classroom for the day and being marked as absent. You will be responsible for attaining any assignments or information needed for later assessments. As a courtesy, please put all devices on silent, and in an emergency please quickly leave the class before answering a phone.

Other notes:

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