

Florida Gulf Coast University  
Intro to Programming– COP 2006  
Fall 2019 – CRN 80600

**Instructor I:** Nicole Legge, M.S.

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**Office Location:** Seidler Hall #225

**Office Hours:** Tuesday and Thursday 4:30-5:45pm and by appointment

**Course Number and Title:** COP 2006 – Introduction to Programming is a 3 credit course offered by the Department of Software Engineering in the U.A. Whitaker College of Engineering.

**Meeting Times:** Class meets on **Tuesdays and Thursdays from 6:00-7:15pm in Holmes Hall 402.**

**Course Description:** Introductory computer programming concepts and problem solving skills are learned using a modern programming language. Principles of good programming style are emphasized. (Advisor Permit Required). 3 credits.

**Prerequisites:** COP 1500 with a minimum grade of C and MAC 2311 with a minimum grade of C.

**Technology Use:** In general, students are expected to have knowledge of the basic components of a computer; how to install and run common Windows and Web applications; how to manage files, directories, and disks in a Windows environment; how to create, edit, compile, debug, and execute computer programs.

**Video and Audio Recording Policy:** Taking recordings (sound, picture, and/or video) of any part of the classroom and/or activities (solutions, notes, etc.) in the class is not allowed unless you have prior approval from the instructor. Video and audio recording of class lectures is expressly prohibited unless the FGCU Office of Adaptive Services has documented your disability and determined the best reasonable accommodation for you is to allow recording and you have executed a written agreement regarding the limitations on use of such recordings and their disposition at the end of the semester.

***This 3 credit course will cover chapters 1 – 9 and chapter 12 in Java Programming 9<sup>th</sup> edition by Joyce Farrell. The actual book is not required. You may view the ebook online at any time through MindTap.***

**Grading System**

- Grading Criteria

Your final grade in the class will be determined as follows:

1. MindTap Programming Exercises – **25%**
2. Quizzes – **10%**
3. Exams – **40%**
4. Final Exam – **25%**

- Scoring Ranges for Letter Grades

Total Average Score	Grade
90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
Below 60%	F

**Course Policies:** Final grades will be calculated to the first decimal point and those 0.5 or higher will be rounded up to the next whole number. Similarly, 0.4 and below will be rounded down to the next whole number. You need a 69.5% to pass. ANYTHING at all even slightly below that is a failing grade.

**MindTap Assignments:** You will have several MindTap programming assignments to complete for each chapter. Assignments are individual. You may discuss the assignments with your classmates; however you should NOT view other students' code or let others view your code. If two (or more) submissions are found to be similar, the grades of all students with the similar submissions will be zero for that assignment. A second occurrence will result in an 'F' for the course and a report in your conduct file. You must submit all assignments through MindTap. The instructor will not allow late submission on programming assignments.

**Quizzes:** Quizzes will be given in class on paper and pencil and will be un-announced. You may use notes, but no books or computers during a quiz. Your lowest quiz score will be dropped at the end of the semester. **If you miss a quiz it will count as your dropped score. No quiz makeups will be given.**

**Exams:** You have 2 exams weighted at 20% each and a cumulative final exam weighted at 25%. Exams will be taken in class on paper without the use of a computer or book. You may use notes during the exams. All adaptive services students must fill out an exam form from their office and have the instructor sign it one week prior to the exam. **If you miss an exam and it is a valid, serious reason such as a hospitalization you MUST provide your lecture instructor with documentation within 3 days of the absence. Vacations, travel, and illness without a doctor's note are not excused. Events such as jury duty and student athlete games must be approved before the date of the exam to be missed.**

**Attendance and Class Conduct:** Attendance is required for all classes. If you are absent from class, you are responsible for learning the material covered. It is your responsibility to get notes for that day from a classmate. Office hours are not to be used as a substitute for missed class. Be advised that the lecture schedule is tentative. Any changes to this syllabus (e.g. scheduling of exams, etc.) will be announced during the lecture. You are expected to arrive to class on time and stay for the entire lecture. During class students may not use a cell phone or wear headphones. No food or drink is allowed in the classroom.

**Email Policy:** When you email your instructor you MUST put **COP 2006** in the subject line AND your full name in the email to receive a reply. If you email your instructor a question that is answered in the syllabus you may not receive a reply. Please check your syllabus carefully before sending emails.

**Drop Day:** Friday Nov 1<sup>st</sup>, by 5:00pm

#### **Required Materials**

- **Mindtap Access Code (6 months - ISBN: 9781337397100) specifically for Java Programming 9<sup>th</sup> edition by Joyce Farrell.** You will be given further instructions on how to register for Mindtap during class.
- Since the full textbook is available online via Mindtap, you may choose to purchase only Mindtap access and not the hardcover textbook, however you MUST purchase a MindTap access code.

**Learning outcomes, selected topics, and objectives:** The student will learn fundamental-to-intermediate programming concepts, including data types, expressions, classes, arrays, methods, conditional statements, loops, and input/output, with application development using the Java object-oriented programming language. Essential skills to decompose, design, and code basic control structures and program modules will also be taught. Specifically, the student will acquire:

- the ability to identify and formulate simple computational problems
- an understanding of fundamental principles of programming
- an understanding of the programming life cycle
- the ability to apply programming principles to solve simple computational problems
- the ability to evaluate the program's quality

**Lecture Schedule-** Schedule is tentative. You will be informed of any changes to this schedule during class.

Week	Dates	Topics
1	Aug 20 – 22	Chapter 1 – Creating Java Programs
2	Aug 27 – 29	Chapter 2 – Data Types
3	Sept 3 – 5	Chapter 3 – Methods, Classes, and Objects
4	Sept 10 - 12	Chapter 3 – Methods, Classes, and Objects
5	Sept 17 – 19	Chapter 4 – More Object Concepts
6	Sept 24 - 26	Chapter 4 – More Object Concepts
7	Oct 1 – 3	Chapter 5 – Making Decisions/Control Structures
8	Oct 8 - 10	Chapter 5 – Control Structures and <b>Exam 1 on 10/10</b>
9	Oct 15 - 17	Chapter 6 – Loops
10	Oct 22 – 24	Chapter 6 – Loops and Advanced Control Flow
11	Oct 29 – 31	Chapter 7 – Characters , Strings, and StringBuilder
12	Nov 5 - 7	Chapter 8 – Arrays
13	Nov 12 – 14	Chapter 8 – Arrays
14	Nov 19 – 21	Chapter 9 - Advanced Array Concepts
15	Nov 26 – 28	Chapter 9 – <b>Study Day/Thanksgiving Break</b>
16	Dec 3 – 5	Chapter 12 – <b>Exam 2 on 12/3</b> and Exception Handling
17	Dec 10 - 13	<b>Final Exam – Tuesday Dec 10<sup>th</sup> at 5:45 – 8:00pm in HH 402</b>

### University Statements and Policies:

**Academic Behavior Standards and Academic Dishonesty:** All students are expected to demonstrate honesty in their academic pursuits. The University policies regarding issues of honesty can be found in the FGCU Student Guidebook under the *Student Code of Conduct* and *Policies and Procedures* sections. All students are expected to study this document which outlines their responsibilities and consequences for violations of the policy. The FGCU Student Guidebook is available online at <http://studentservices.fgcu.edu/judicialaffairs/new.html>.

**Disability Accommodations Services:** Florida Gulf Coast University, in accordance with the Americans with Disabilities Act and the university's guiding principles, will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please see me or contact the Office of Adaptive Services. The Office of Adaptive Services is located in the Wellness Building. The phone number is 239-590-7956 or Video Phone (VP) 239-243-9453. In addition to classroom and campus accommodations, individuals with disabilities are encouraged to create their personal emergency evacuation plan and FGCU is committed to providing information on emergency notification procedures. You can find information on the emergency exits and Areas of Rescue Assistance for each building, as well as other emergency preparedness materials on the Environmental Health and Safety and University Police Department websites. If you will need assistance in the event of an emergency due to a disability, please contact Adaptive Services for available services and information.

**Student Observance of Religious Holidays:** All students at Florida Gulf Coast University have the right to expect that the University will reasonably accommodate their religious observances, practices, and beliefs. Students, upon prior notification to their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day. A student who is to be excused from class for a religious observance is not required to provide a second party certification of the reason for the absence.

**University Nondiscrimination Statement**

Florida Gulf Coast University is committed to ensuring equity and fairness for all University employees, students, visitors, vendors, contractors and other third parties. As such, the University prohibits discrimination on the bases of race, color, national origin, ethnicity, religion, age, disability, sex (including sexual harassment/assault), gender identity/expression, marital status, sexual orientation, veteran status or genetic predisposition with regard to admissions, employment, programs or other activities operated by the University. This prohibition extends to enforcement of **Title IX** of the Education Amendments of 1972. Questions or complaints should be directed to the Office of Institutional Equity and Compliance (OIEC). The OIEC's phone number is (239)745-4366; the OIEC email address is [OIEC@fgcu.edu](mailto:OIEC@fgcu.edu).