



Miami Dade College

North Campus

School of Engineering + Technology

Course Syllabus

Couse Title: Java Programming

Number: COP2800

Schedule: Sa 8:00 AM – 10:10 AM

Term: Summer 2024

Classroom: 3208 - Blended

Instructor Information:

Name: Jose Aparicio

Office: 1256-10

E-mail Address: japarc3@mdc.edu

Office Hours: Office hours will be announced on Canvas (Only by appointment)

Teaching Philosophy:

I firmly believe that failure is never an option in the pursuit of excellence, opportunities, and scientific advancement. My teaching philosophy is centered around fostering a growth mindset and providing my students with the tools, resources, and support they need to achieve their full potential. Through a combination of rigorous coursework, hands-on experiences, and personalized guidance, I strive to empower my students to tackle complex challenges with confidence and creativity, and to cultivate a lifelong passion for learning and discovery.

Course Description:

This is an intermediate level programming course using the Java computer language. Students will learn to code, compile and execute programs, while learning advanced programming concepts and object-oriented programming and design principles.

General Education Outcomes:

As a graduate of Miami Dade College, you are expected to:

1. Communicate effectively using listening, speaking, reading, and writing skills.
2. Use quantitative analytical skills to evaluate and process numerical data.
3. Solve problems using critical and creative thinking and scientific reasoning.
4. Formulate strategies to locate, evaluate, and apply information.
5. Demonstrate knowledge of diverse cultures, including global and historical perspectives.
6. Create strategies that can be used to fulfill personal, civic, and social responsibilities.
7. Demonstrate knowledge of ethical thinking and its application to issues in society.
8. Use computer and emerging technologies effectively.
9. Demonstrate an appreciation for aesthetics and creative activities.
10. Describe how natural systems function and recognize the impact of humans on the environment.

Course Resources:

Learning Resources – North Campus: Room 2102

Monday - Thursday: 7:30 a.m. to 9:00 p.m.

Friday: 7:30 a.m. to 5:00 p.m.

Saturday: 8:00 a.m. to 1:00 p.m.

Here is the link if you need an appointment with a tutor:

<https://libraryguides.mdc.edu/MDCTutoring#TutoringAppointments>

Instructional Procedures:

1. Course content will be delivered through a variety of methods including professor presentations, videos, and class discussions. These materials are designed to enhance your understanding of the course content and help you achieve your learning goals.
2. It is your responsibility to ensure that you are present during all scheduled tests. Failure to be present during a test will result in a grade of zero. The only exceptions to this rule are documented cases of an excused absence, which include governmental service, religious observance, death of an immediate family member, or severe illness or injury. If you have an excused absence and have communicated with me in advance, you will be allowed to make-up the exam.
3. All assignments must be submitted by the specified deadline. Excused or unexcused absence does not excuse work from the deadline. Late assignments will not be accepted, except in cases of documented medical or personal emergencies.
4. In order to create a productive learning environment, distractions such as web surfing, playing computer games, and reading/writing e-mails are not allowed during class. Please ensure that your attention is fully focused on the course material and discussion during class time.

Special Learning Needs:

If you have any physical or learning disabilities that may impact your ability to fully participate in this course, please know that I am committed to creating an inclusive learning environment that supports all students. I encourage you to meet with me privately to discuss any accommodation or adjustments that may be necessary to ensure your success on this course. Your privacy and comfort are of utmost importance, and any information you share with me will be kept confidential.

Make-Up Policies:

1. There will be no make-up for missed work or tests. It is your responsibility to attend all scheduled classes, complete assignments, and take tests as planned. Failure to do so will result in a grade of zero.
2. In the event of a documented emergency, please notify me as soon as possible to discuss potential accommodation or make-up options. Emergency situations include, but are not limited to, a serious illness or injury, a family emergency, or other unforeseen circumstances beyond your control. Each case will be dealt with on an individual basis, and any decisions regarding make-up work or tests will be made at my discretion. Please note that documentation may be required to verify the emergency situation.

Course Communication:

Communication from the instructor to the students:

To ensure that all students receive timely and accurate information, the instructor will use two methods to communicate with the class: MDC email and Canvas. It is highly recommended that all students check their MDC email and Canvas inbox daily and 30 minutes before class starts to stay informed of any updates or announcements. Students with smartphones are encouraged to install the corresponding apps (Outlook for MDC email and Canvas Student for Canvas notifications) to receive real-time notifications.

Communication from the students to the instructor:

To ensure clear and efficient communication, students should use the Canvas messaging system to contact the instructor. **Each message must include the course number and the student ID; otherwise, it will not receive a reply.** Please allow up to 72 hours for a response from the instructor. If you require immediate assistance, please schedule an appointment during office hours or communicate via phone or in-person.

Disclaimer: Please be advised that any message seeking information or clarification on topics that have already been addressed in class, announced on Canvas, or communicated via email may not receive a reply. It is essential to review course materials and announcements before reaching out for assistance to ensure efficient communication and to make the most of your learning experience. Thank you for your understanding and cooperation.

Policies and Expectations:

Attendance is a vital component of this course and is essential for your success. It is expected that all students attend class on time, prepared, and ready to actively participate. Attendance will be factored into the calculation of final grades. Students are allowed a maximum of four (4) absences for the entire term. If a student misses a fifth (5th) class, they may be subject to automatic withdrawal from the course. Students who miss three (3) consecutive class sessions or more may also be subject to automatic withdrawal.

Emergencies will be dealt with on an individual basis, and it is the student's responsibility to notify the instructor by email before the class they plan to miss. Please note that even if an absence is excused, students are still responsible for completing all missed work and staying on top of any announcements or updates. Failure to do so may negatively impact their grade. No absence will be excused until appropriate documentation is provided.

In cases of excused absences, such as emergencies or serious illness, students are still expected to meet all course requirements, including submitting assignments on time and being prepared for the next class. The instructor reserves the right to make any necessary accommodations or adjustments to ensure students can succeed in the course.

Academic Dishonesty:

Academic integrity is a cornerstone of higher education, and it is essential for students to uphold it in all aspects of their academic pursuits. Academic dishonesty is a violation of this integrity and is unacceptable in any form. It refers to any action that involves submitting work that is not entirely one's own, without proper attribution or citation. Examples of academic dishonesty include but are not limited to copying answers from another person's test, cooperatively writing computer assignments together, and submitting assignments that are in some part copied from others or are insignificant revisions from someone else's work.

Engaging in academic dishonesty is a serious offense that undermines the educational process and affects the credibility and fairness of academic evaluations. It not only harms the student's effort to learn but also falsifies the student's actual progress in the course and misrepresents the student's understanding of the subject matter. This kind of dishonesty is unfair to students who work diligently to uphold academic integrity and achieve academic success. Moreover, it undermines the trust between instructors and students that is essential for effective teaching and learning.

As such, any student who engages in academic dishonesty will face disciplinary sanctions in accordance with the College's Student Rights and Responsibilities Handbook (http://www.mdc.edu/policy/student_rights_and_responsibilities.pdf). Such sanctions may include receiving a failing grade for the assignment or the course, suspension, or expulsion from

the College. Instructors have the authority to determine whether an act of academic dishonesty has occurred and the appropriate disciplinary action to be taken. Students involved in academic dishonesty have the right to appeal against any decision made by the instructor or the College in accordance with the College's policies and procedures.

It is the responsibility of every student to understand and abide by the principles of academic integrity. Students are expected to complete all assignments and exams using only their own knowledge and skills, to properly cite sources when using outside material, and to refrain from any form of academic dishonesty. Any student who is unsure about what constitutes academic dishonesty or how to properly cite sources should seek clarification from the instructor or consult the College's academic integrity policies and resources.

Academic integrity is a fundamental value of education that benefits both individual students and the academic community as a whole. By upholding academic integrity, students demonstrate their commitment to ethical and responsible behavior, gain a deeper understanding of the subject matter, and contribute to the creation of a culture of learning that is based on fairness, respect, and trust.

Academic Integrity Disclaimer:

In accordance with our academic integrity policy, please note that for all written assignments submitted, a similarity score will be calculated. Assignments found to have a similarity score of more than 25% will result in an automatic grade of 0. However, a similarity score of up to 15% will not incur any penalties.

For similarity scores between 15% and 25%, the grade will be penalized according to the following formula:

Penalized Grade = Original Grade - (2 x Similarity Score)

As an example, if an assignment initially received a grade of 100/100 and had a similarity score of 16%, the calculation would be as follows:

Penalized Grade = 100 - (2 x 16%) = 100 - 32% = 68

Please make sure to maintain academic integrity by properly citing and referencing all sources used in your assignments. Any questions or concerns about this policy should be directed to your instructor or course coordinator.

Disruptive Behavior:

Disruptive behavior, defined as any action or behavior that interferes with the learning environment or the rights of other students to learn, is not permitted in the classroom. Such behavior includes, but is not limited to, using electronic devices inappropriately, engaging in side conversations, arriving late or leaving early without permission, and being disrespectful or confrontational towards the instructor or other students.

The purpose of this policy is to ensure a safe, comfortable, and productive learning environment for all students. In the event that a student engages in disruptive behavior, the instructor reserves the right to ask the student to leave for the remainder of the class. The student will be given an opportunity to discuss the incident with the instructor after class.

Repetitive or seriously disruptive behavior may result in further disciplinary action, including permanent removal from the class, in accordance with the Student Rights and Responsibilities guidelines. The instructor will document any instances of disruptive behavior and communicate with the student in writing to clearly outline the expectations and consequences moving forward.

It is the responsibility of all students to contribute to a positive learning environment and to respect the rights of others in the classroom. Students who have concerns about disruptive behavior are encouraged to bring them to the attention of the instructor in a timely manner.

Cell Phones, iPads, and Other Electronic Devices:

In order to create an environment conducive to learning, it is imperative that students eliminate any distractions that could interrupt the flow of instruction. As such, the use of cell phones, iPads, and other electronic devices not required for the class are strictly forbidden during class time. This policy is in place to minimize any disruptions that may be caused by these devices, which could hinder the learning process for all students in the class.

All electronic devices must be put away as soon as the class starts, and failure to comply with this rule may result in the student's removal from the classroom. Students are expected to come to class prepared and ready to focus on the material being presented. Any electronic device that is deemed necessary for the class must be approved by the instructor beforehand.

It is essential that all students are present and engaged during class time. Any distractions caused by the use of cell phones, iPads, and other electronic devices can be detrimental to the learning experience. As such, students are reminded to be respectful of their peers and to follow this policy in order to create a positive and productive learning environment.

Using Artificial Intelligence (AI):

The use of Artificial Intelligence (AI) as a tool to complete any assignment, test, or activity related to this class is strictly forbidden unless explicitly stated in the assignment instructions. This includes but is not limited to using AI-generated text, code, or any other form of output as a substitute for your own work.

Using AI to complete coursework undermines the educational process, and it is not a reflection of a student's own abilities or understanding of the material. It is essential that students demonstrate their individual learning and problem-solving skills. Therefore, any student found using AI to complete coursework will be subject to disciplinary action in accordance with the College's Student Rights and Responsibilities Handbook.

It is the responsibility of each student to ensure that they understand the nature of the assignments and the expectations of their instructors. If students have any questions about the use of AI in their coursework, they should reach out to their instructors for clarification. Any instances of suspected academic misconduct will be taken seriously, investigated thoroughly, and dealt with according to the College's policies and procedures.

Respectful Learning Environment:

In this class, we value diversity and strive to create a welcoming and inclusive learning environment for all students. We respect and celebrate the differences among us, including but not limited to religion, beliefs, political opinions, sexual orientation, race, and ethnicity.

However, it is important to note that this class is dedicated to the exploration of specific subject matter, and as such, discussions that are not directly related to the course content are not permitted during class time. This includes discussions that may be considered sensitive or controversial in nature, as they may detract from the educational experience of the entire class.

While we encourage students to share their perspectives and opinions on the course material, we ask that everyone do so in a respectful and constructive manner. Any language or behavior that is discriminatory or derogatory towards any individual or group will not be tolerated.

As an instructor, I am committed to upholding these values and creating a safe space for all students to learn and grow. If you have any concerns or questions regarding these policies or any other aspect of the class, please feel free to approach me directly.

Syllabus Changes:

As the instructor, I reserve the right to modify any aspect of this syllabus at any time that I deem necessary or appropriate. This includes but is not limited to, course policies, assignments, due dates, grading criteria, and the schedule of topics. Changes will be communicated through email, Canvas, or announced verbally during class. It is the student's responsibility to remain informed of any modifications announced by the instructor.

I understand that these changes may have an impact on your schedule, study habits, or academic plans, and I will make every effort to provide timely notice of any modifications. However, due to unforeseen circumstances, such as inclement weather, personal emergencies, or institutional requirements, there may be situations where changes need to be made quickly without prior notice. In such cases, I will provide you with the necessary information and guidance to navigate any changes as smoothly as possible.

As a student in this course, you are responsible for regularly checking your email and Canvas for updates and announcements related to the course. It is also your responsibility to ensure that you understand any changes made to the syllabus and comply with any updated policies, procedures, or deadlines. If you have any questions or concerns regarding any modifications to the syllabus, please do not hesitate to contact me for clarification.

In addition to the above policies, please note the following:

- Respectful behavior towards classmates and the instructor is expected at all times. Any form of harassment, intimidation, or discriminatory behavior will not be tolerated.
- Any form of cheating, plagiarism, or academic dishonesty is strictly prohibited and will result in disciplinary action, in accordance with the College's Student Rights and Responsibilities Handbook.
- Students are responsible for keeping up with all assigned readings, coursework, and deadlines. Late work may not be accepted unless prior arrangements have been made with the instructor.
- Any student who needs accommodations due to a disability or other reason must notify the instructor as soon as possible and make arrangements with the ACCESS department.
- Use of the classroom technology should be made with care and with respect for other students' learning experience.
- No food or drink is allowed in the classroom, unless prior permission is obtained from the instructor.
- Attendance is mandatory, and students are expected to arrive on time and stay for the entire duration of the class. In case of an emergency, students should notify the instructor as soon as possible.
- The syllabus and course content are subject to change at the discretion of the instructor.

Please note that these policies are in place to ensure a positive and respectful learning environment for all students. If you have any questions or concerns about these policies, please do not hesitate to contact the instructor.

Tips for Success in the Course:

1. **Active Listening:** Pay attention to the instructor during lectures, discussions, and presentations. Stay focused and engaged to better understand the course material.
2. **Read All Provided Material:** Read all assigned readings and materials. They will help you develop a deep understanding of the course material.
3. **Complete Assignments on Time:** Make sure to complete all assignments by the specified deadline. Late submissions will not be accepted unless prior arrangements have been made with the instructor.
4. **Time Management:** Plan on spending at least 6 hours per week studying for this class. Manage your time effectively and avoid procrastination.
5. **Ask Questions:** Come prepared with questions and ask the instructor to clarify any points you don't understand. Don't wait to figure it out later.
6. **Take Notes:** Take notes during class, online, and while working on assignments. Notes help you remember key points and reviewing them regularly can improve your understanding of the course material.
7. **Review New Material Within 24 Hours:** Review new material within 24 hours of learning it. A quick reading of your notes the day after you take them will almost double your memory of the material.
8. **Start Assignments Immediately:** Don't wait until the day an assignment is due to start working on it. Starting early gives you time to ask questions and seek help if necessary.
9. **Stay Informed:** Keep up with any changes or updates to the course syllabus or assignments. Check your email and canvas regularly for announcements.
10. **Have Fun and Stay Positive:** Remember that learning can be fun! Stay positive, stay engaged, and enjoy the journey.

Technology Requirements:

- PC
- Microphone
- Headphones/Speakers
- High speed internet

Grading:

Evaluation Method:

Projects	40%
Homework/Class Participation	40%
Midterm Exam	10%
Final Exam	10%
Total	100%

Grading Scale:

A: 85 - 100
B: 75 - 84.99
C: 65 - 74.99
D: 60 - 64.99
F: 0 - 59.99

Important Notice: Syllabus Quiz Deadline

- Please be aware that every student is required to complete the syllabus quiz by May 14, 2024, at 11:59 PM. Failure to meet this deadline will result in your automatic removal from the course, in accordance with college policies.
- It is your responsibility to ensure you complete this essential task promptly. If you encounter any issues or have questions related to the syllabus quiz, please contact your instructor.

Blended Course:

A blended course is one where students have the flexibility to conveniently switch between in-person and live meetings, maintaining a minimum of 30% of the scheduled meetings as in-person. The detailed schedule of meetings will be provided below. In this course, there are four in-person meetings, seven live meetings, and one day without a meeting due to Memorial Day on Saturday, May 25.

Tentative Schedule			
Week	Date	Meeting Type	Weekly Topics
Week 1	05/11/2024	In-Person	Syllabus and Course structure Discussion
Week 2	05/18/2024	In-person	Introduction to Computers and Java / Java Fundamental
Week 3	05/25/2024	Live (Zoom)	Decision Structures / Loops / Exceptions
Week 4	06/01/2024	Live (Zoom)	Methods
Week 5	06/08/2024	Live (Zoom)	A First Look at Classes
Week 6	06/15/2024	Live (Zoom)	Arrays and the ArrayList Class
Week 7	06/22/2024	In-Person	Midterm Exam / In-Person / No Make-up
Week 8	06/29/2024	Live (Zoom)	A Second Look at Classes and Objects
Week 9	07/06/2024	Live (Zoom)	Text Processing and Wrapper Classes
Week 10	07/13/2024	Live (Zoom)	Recursion
Week 11	07/20/2024	Live (Zoom)	More Java
Week 12	07/26/2024	Remote	Final Exam / Remote / No Make-up