



CPT 236 – Introduction to Java Programming

Information Systems Technology Department

Semester:

Catalog Course Description:	This course is an introduction to Java programming. Topics will cover Java syntax and classes for use in the development of Java applications and applets.
Prerequisite(s):	RDG 100 and MAT 102
Credit Hours:	3.0
Departmental Website:	http://www.midlandstech.edu/edu/ed/ISM/CPT/
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Textbook(s):	<u><i>Java Programming</i></u> , by: Malik. 5 th ed. 2011. Cengage Publisher. ISBN#: 1-111-53053-X.
Equipment:	A flash drive to save programs is recommended

Course Objectives: Upon successful completion of this course, the student should be able to perform the following tasks:

1. Write Java programs of low complexity.
2. Demonstrate understanding of syntax and semantics in the Java language.
3. Write Java programs of intermediate complexity.

CPT-236 uses lecture, class discussion, and individual programming exercises in order to teach computer-programming skills. The instructor will introduce concepts in a lecture format, and lead class discussion. Participants apply these concepts in individually prepared computer programming exercises done outside the classroom.

Participant learning will be assessed by a combination of written examinations, quizzes, classroom discussion contribution, and individually prepared computer program solutions. Tests and quizzes will emphasize the writing and/or interpretation of small programs or program fragments, in a traditional paper-and-pencil classroom format.

Course Outcomes and Competencies:

Intended Course Outcome:

Be able to interpret and write code in the Java language using control structures, arithmetic, logical, or relational operators, method definitions and calls, creation and use of object instances, creation and use of arrays.

Course Competency:

Students will be able to demonstrate the writing and interpretation of code in the Java language using control structures, arithmetic, logical, or relational operators, method definitions and calls, creation and use of object instances, creation and use of arrays.

Performance Measurement Instrument:

Students will be evaluated on standardized written examination developed by IST faculty.

Attendance Policy:

Students may not miss more than 15% of scheduled classes and attendance assignments, regardless of the reason for the absence. After exceeding this limit, a student will be withdrawn from the class by the instructor. Should the maximum allowable absences be exceeded, a "W" will be submitted to the registrar unless that last absence is after the midterm and the student is failing the course. In that situation, the student will receive a "WF". Official student holidays and college closings will not count against the student.

Semester Type	Typical Number of Meetings/Assignments	Maximum Allowable Absences	Withdrawn After Missing
Full Semester	28	4	5
Session I/II	14	2	3

In-Class Roll Taking:

Attendance will be taken at the beginning of the class period. Students not answering to the roll call or signing the attendance sheet at that time will be marked absent. Students arriving late may check-in with the instructor after class in order to be marked tardy. Three marks of tardy will count as one absence. Students are required to remain in class until class is dismissed, and will otherwise be marked absent, unless prior arrangements are made in advance with the instructor. Attendance records will not be changed retroactively after the scheduled class meeting.

Off-Campus Roll Taking – Internet & Hybrid:

Off-Campus Attendance is defined as completing a specific attendance assignment by its due date. Within this syllabus, certain assignments are listed as those attached to attendance roll taking. Failure to complete the attendance assignment by its due date is considered an absence. For Internet only classes all of your attendance is taken with this method. For Hybrid courses, attendance is a combination of scheduled classes and those off-campus attendance assignments.

Withdrawal: Should the maximum allowable absences be exceeded prior to midterm, a "W" will be submitted to the registrar to be recorded on the student's transcript. Should the maximum allowable absences be exceeded after midterm, a "W" will be submitted to the registrar if the student was passing the course at the time of withdrawal OR a "WF" will be submitted if the student was failing the course at the time of withdrawal.

Course Grading: To be announced by instructor.

Grading Scale:	94-100	A	Superior Work
	87-93	B	Good Work
	78-86	C	Average Work
	0-77	F	Unsatisfactory Work

Note: Students must earn a grade of "C" or better in all the courses offered within the Information Systems Technology Department for the grade to be counted toward graduation.

Course Topic Outline/Course Calendar with Assignments: Will be provided by instructor.

PLEASE NOTE: Should change become necessary, the instructor reserves the right to adjust the requirements, pace, or scheduling of this course. Any change will be announced in class before it becomes effective.

College Policies and Expectations:

<http://www.midlandstech.com/edu/ed/ism/cpt/syllabi/AcademicAffairsStudentGuidelines.pdf>

Disabilities Statement and ADA Compliance Issues:

The staff of Counseling and Career Services works to ensure that all educational programming and services are accessible to otherwise qualified students with disabilities. If you have a concern regarding the accessibility of websites, instructional materials, online courses and other electronic or information technology, please contact Counseling and Career Services. It is the student's responsibility to self-disclose as a student with a disability and to request accommodations prior to beginning a program or course. Please contact the staff of Counseling and Career Services at 803-822-3505 (AC) or 803-738-7636 (BC) or via email at disability@midlandstech.edu if you have any questions or concerns.

Additional Academic Integrity Language:

BE WARNED: This instructor vigorously enforces the "Student Code" as documented in The Midlands Technical College "Student Handbook."

It should be noted in particular that programming assignments are designed to develop and measure individual programming skill. Therefore, students must prepare programming assignments on their own, and not treat them as group projects. Students must submit only original, individually prepared work for programming assignments. Under no circumstances, and by no means, should students share program designs or solutions with others, in whole or in part, or use designs or solutions obtained from others, either with or without their permission. To do so constitutes academic dishonesty. The instructor will refer all matters relating to academic dishonesty to the Assistant Vice-President of Student Development Services. The instructor reserves the right to make and keep photocopies or electronic copies of student assignments without notice. The proper course of action for students needing help with programming assignments is to contact the instructor immediately.