pvccheader

**CIS263AA: Java Programming: Level II**

**Syllabus**

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| **Instructor:** | Gary R. Smith |
| **Office:** | J112 <http://www.pvc.maricopa.edu/campusmap/> |
| **Phone:** | (602) 787-6701 (Work)  (480) 218-4434 (Home)  (602) 339-6691 (Mobile) |
| **e-mail:** | [gary.smith@paradisevalley.edu](mailto:gary.smith@paradisevalley.edu) |
| **Skype:** | gary.smithaz |
| **Office Hours:** | |  |  | | --- | --- | | Monday | By appointment | | Tuesday | 12:00 - 2:30pm | | Wednesday | By appointment | | Thursday | 12:00 - 2:30pm | | Friday | By appointment | |
| **Home Page:** | <http://www2.pvc.maricopa.edu/~smith> |
| **Semester:** | Spring 2018 |
| **Section:** | 25062 |
| **Course Dates:** | 01/16/2018- 05/06/2018 |
| **Room:** | Online |
| **Time:** | Online |
| **Course Catalog Description:** | Intermediate Java programming. Includes features needed to construct object-oriented programming, multithreading, multimedia, files, streams and data structures.  Prerequisites: CIS163AA or permission of Instructor |
| **Course Competencies:** | 1. Summarize the advanced graphical user interface concepts in Java.  2. Utilize graphical user interface concepts such as canvases, frames, menus and dialogs.  3. Utilize multithreading concepts in Java.  4. Utilize multimedia techniques such as images, animation and audio clips.  5. Utilize files and streams processing.  6. Utilize string and character manipulation in Java.  7. Utilize object-oriented programming in Java environment.  8. Examine networking basics such as URL streams, simple server and client establishments and network security.  9. Compare and contrast various data structures. |
| **Course URL:** | <https://aztransmac2.asu.edu/cgi-bin/WebObjects/acres.woa/wa/freeForm2?id=50119> |

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| **Required Text:** | Java: A Beginner’s Guide. Sixth Edition. Herbert Schildt. Oracle Press/McGraw Hill.  ISBN: 978-0-07-180925-2.  You can compare prices at: <http://www.directtextbook.com/> |
| **Other Materials:** | Removable media for saving your work |
| **Software:** | Java SE and NetBeans Cobundle (JDK 8u151 and NB 8.2)  <http://www.oracle.com/technetwork/java/javase/downloads/jdk-netbeans-jsp-142931.html>  Microsoft Word 2007 or higher or other Word processor that can read/write Microsoft docx files.  Microsoft PowerPoint, Visio, or other presentation graphics package (for flowchart generation and presentations). |

**All provisions in this syllabus are subject to revision by the instructor. It is the student's responsibility to note changes announced in class and posted in our learning management system.**

**Policies:**

**Student Code of Conduct:** Students are expected to abide by all Maricopa Community College District polices, Paradise Valley Community College policies, and policies as stated in the Student Code of Conduct, College Catalog, and Student Handbook. <https://www.paradisevalley.edu/sites/default/files/docs/student-life-resources/6859-student-handbook-2017-2018.pdf>

**Acknowledgement of Course Materials:** I do not require students to sign for the Syllabus and other course documents. The Syllabus, Assignments Summary, Course Calendar, and other documents are located in the Course Documents section of our learning management system. Students must review these and other documents located in our learning management system during the first week of class. The student will complete a "Review of Documents" assessment indicating the student has reviewed, understood, and will abide by the requirements of this course. *Students who fail to complete the “Review of Documents” indicating acceptance of the course documents (Syllabus, Calendar, Assignment Summary, and other documents contained in the “Course Documents” section of our learning management system will be dropped from the course the first Monday following the start of the term.*

**Recording of Lectures:** Recording of class lectures is strictly forbidden unless permission is given by your instructor. Your instructor maintains complete and exclusive copyright to all lectures regardless whether permission to record has been granted.

**Course Materials:** All course materials developed by your instructor are copyrighted and are to be used specifically for this course. This includes, but is not limited to, assignments, quizzes, tests, presentations, pod casts, videos, forms, and other documents whether electronic or in print. Distribution to any third party is strictly forbidden.

**Cellular Phones/Pagers/Media Players:** If you carry a portable communications device or media player, please turn the device off or set the device on silent mode as to not disturb the class. If you receive a call, please defer the call until break or leave the class during your call. Students may not text message or listen to media players during class.

**Workload:** You should plan for approximately 3 - 6 hours (6 – 12 hours for summer) per week of outside study in order to get full benefit from the course.

**Late Assignments:** Assignments are due on the date and time as published in the “Calendar/Assignments Summary” document. Under no circumstances will last assignments be accepted. It is your responsibility to insure assignments are in on time. Your home systems problems are not an excuse for being late or missing an assignment. See **Use of Home Computing Devices** policy below.

**Workload:** This class consists of a lecture and lab. It consists of 3 50 minute periods of in-class work and 1 50 minute period of lab work per week for 16 weeks. Depending upon the modality (online or on ground) and duration (number of weeks) of the course, you can expect the following hours of outside work per week. Please keep in mind, this is an estimate and is dependent upon your previous experience, learning style, and discipline. Times stated are the number of hours per week.

On ground 16 weeks:

In class and lab time: 3.33 hours

Reading, answering end of chapter questions, reviewing supplementary materials: at least 3 hours

Programming assignments: at least 6 hours

Online 16 weeks:

Reading, answering end of chapter questions, reviewing supplementary materials: at least 3 hours

Programming assignments: at least 6 hours

Attending virtual classes: 2 hours

**Attendance:** **On ground**: Attendance is required. Students missing 25% or more classes will be withdrawn. However, if you know you are going to be absent, please leave a message via e-mail or voice mail. **Online**: Attendance in the context of an online course is logging in to the course, participating in online discussion boards and virtual classes, and completing assignments. Online students who do not access the course for more than two weeks may be dropped for excessive absences.

Students will be assigned a grade of "Y" (withdraw failing) if they are withdrawn for lack of attendance.

Students participating in official college activities must notify the instructor in advance and complete the PVCC Official Absence Form. Failure to notify the instructor or complete the official absence form will result in the student being counted as absent and any missed work will not be accepted.

**Withdrawal:** I only withdraw students for non-attendance, excessive absences, or failure to complete the course. Students electing to withdraw from the class must do so according to the policies of the college. You will be subject to withdrawal if you miss the first two class meetings, have a large number of unexcused absences (see attendance policy), or do not attend the final exam. It is your responsibility to complete the proper paperwork if you intend to drop this class. Failure to do so will result in a "Y" (withdraw failing) for the course. Students requesting to be withdrawn from the course after the "Last date for a student initiated drop with a grade of 'W' on transcript." date will receive a grade of "W" if the student is passing the course or "Y" if the student is failing the course. The grade will be determined based on the date the withdrawal request is received by your instructor.

**Incomplete Policy:** An incomplete will only be given if a student is unable to complete the class based on a medical condition or work situation. Student must be in good standing in the course and be current on all required work.

**Academic Dishonesty:** This is a serious issue. Unless otherwise directed, work you submit to the instructor (assignments, labs, tests, quizzes) is to be your own work. Cheating will not be tolerated. Any student caught cheating, submitting another student’s work as his or her own, or providing another student with work will be withdrawn from the class with a “Y” (withdraw failing) grade and will be reported to the Dean of Student Affairs for an Honor Violation. There are no exceptions or second chances to this policy.

For information about district copyright policies: <https://legal.maricopa.edu/student-and-faculty-resources/intellectual-property/copyright-guidelines>

**Food in classroom:** It is the policy of Paradise Valley Community College to not allow food or drinks in any classroom. Do not bring food or drinks into the classroom. If you do, you will be asked to leave.

**Monitoring:** The instructor reserves the right to monitor student computer activity in the classroom either visually or electronically. Students may not use classroom computers for purposes other than those designated by the instructor. Violation of this policy may result in loss of computer use privileges or the student may be asked to leave the class.

**Use of Personal Computing Devices (on campus):** You may use your personal portable computing devices in PVCC classrooms under the following conditions. Use of the device must pertain to the subject/course in the same manner as PVCC owned equipment. You may not use your personal computing devices to take quizzes or tests. Use of personal computing devices in class to surf the web or do work not related to the class will result in loss of that privilege.

**Use of Home Computing Devices:** Many students use computers at home to do their homework. However, failure of your computer to function property or access PVCC's my Web site system is not an acceptable excuse for missed or late assignments. PVCC has computers on campus that are configured properly to access PVCC and MCCCD resources. It is the student's responsibility to complete work on time and insure work has been properly submitted.

**Student Maricopa E-mail policy:** Your MEID@maricopa.edu e-mail account is the official form of communication between PVCC and you. You are responsible for reading college messages and responding accordingly.

**Preparation for Class:** I expect you to read the materials pertaining to the day’s topic prior to coming to class. It will be a far more benefit to you if you are actively engaged in the discussion rather than me just lecturing for the entire class time.

**Assignments:** All assignments will be submitted in Canvas. **Absolutely no handwritten assignments will be accepted unless otherwise noted.**

*It is your responsibility to maintain an electronic backup copy of all assignments in the event of a system failure. I recommend this backup be in an offline form (diskette, zip disk, flash drive, etc.). Since you are in a computer class, not having a backup of an assignment is not an excuse for**submitting an assignment late or not submitting an assignment.*

Assignments (chapter and labs) will be given to reinforce material covered in class. Assignments are due according to the attached schedule. **Assignments submitted past the “Due Date” will not be accepted**.  Last date to submit an assignment is 10:00 pm Sunday preceding finals week or the end of the 8 week session for summer.   **Under no circumstances will assignments be accepted during finals week (Fall and Spring sessions only)**.

For programming assignments, the student must submit program documents and all files necessary to compile, execute, and test the program. Programs are graded on the student’s ability to solve the problem, use standard software development methodologies, correct coding the program, sufficiently test the program for all errors and validity, and in-program documentation. All programs will contain as comments, the author’s name, chapter/assignment number, date written, and brief description of the program, and in-line comments.

Quizzes over the chapters to be covered during the class will be given except on days we have a test. The lowest quiz grade will be dropped. ***No make-up quizzes will be given.***

This is a performance-based course. Therefore, students will complete a programming project. This project will mimic a real world developmental project. The programming project will take the place of the midterm and final exam, and will measure your competency in the use of this programming language. For more information, see the “Programming Project” document.

**Students with Disabilities:** Students with disabilities who believe that they may require special accommodations in this class are encouraged to contact:

Disability Resource Center

KSC-Building First Floor

Phone: 602-787-7171

See: <https://www.paradisevalley.edu/students/disability-resources> for more information.

It is NOT the institutions responsibility to provide accommodations to students who are not registered with the Disability Resource Center.

**Grading Algorithm:** The grading system is based on a point system. I believe students earn grades based on performance and quality of work. Grades are earned, not given. Final grades will be based on the following schedule:

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| --- | --- |
| **Grade** | **Percentage Range** |
| A | 90 - 100% |
| B | 80 - 89% |
| C | 70 - 79% |
| D | 60 - 69% |
| F | < 60% |

**Grade Breakdown (approximate):**

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| --- | --- | --- |
| **Area** | **Points** | **Percentage** |
| Review of Documents | 15 | .9% |
| Review Questions | 200 | 12.3% |
| Planning Documents | 242 | 14.9% |
| Programs | 745 | 45.8% |
| Quizzes | 200 | 12.3% |
| Programming Project | 225 | 13.8% |
| Total Points: | 1627 |  |
| Points values are approximate and will ultimately depend on what has been assigned. Some assignments may be added, deleted, or changed to meet the needs of the class. | | |

**The Last Word:** I realize that many of us have extremely busy schedules. For on campus classes, if you are going to be late or need to leave early for whatever reason, please let me know. Class will start promptly at its designated time. When breaks are announced, please return from break on time. Breaks are tentatively scheduled every hour for 10 minutes. Lecture / lab will start promptly after the break. For online classes, it is extremely important you stay in touch with your instructor and attend the virtual classes.