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| **Kirkwood Community College Course Syllabus**  **Java II**  **CIS-175**  **Fall 2020** | |
| **Instructor** | Marc Hauschildt  Email Address: [Marc.Hauschildt@kirkwood.edu](mailto:Marc.Hauschildt@kirkwood.edu)  Slack: @Marc Hauschildt |
| **Instructor Information** | Office: 231 Nielsen Hall  Zoom Office Hours: 11:15am-12:15pm (Monday-Friday) or upon request  <https://kirkwood.zoom.us/my/marc.hauschildt>  Passcode: 372312 |
| **Section Information** | Section CRF01 - Monday and Wednesday 12:20-2:20pm  Section CRF02 - Thursday 5:45-9:45pm  Classroom: 224 Nielsen Hall  Departments: Computer Software Development (CSD), [Web Technologies](http://www.kirkwood.edu/catalog/current/web-technologies.htm) |
| **Credit Hours** | 3 credit hours (2 lecture credits, 1 lab credits, 0 clinic credits, 0 internship credits). |
| **Contact Hours** | 32 lecture hours, 32 lab hours, 0 clinic hours, 0 internship hours |
| **Course Requisites** | **Prerequisite**  A minimum grade of C- in Java (CIS-171), or  A minimum grade of C- in Java (CIS-172),  A minimum grade of C- in Relational Database and SQL (CIS-335), or  A minimum grade of C- in Introduction to Databases (CIS-307), or  A minimum grade of C- in Database and SQL (CIS-332),  A minimum grade of C- in Computer Science (CSC-142), or  Intermediate Algebra (MAT-102), or  Algebra Mastery 2 (MAT-708) |
| **Course Description** | Continues Java. Covers advanced GUI, exception handling, multithreading, multimedia, files and streams, networking, and data structures. |
| **Arts & Science Elective Code** | B |
| **Required Course Materials** | Textbooks:  Java: A Beginner's Guide, 7th Edition, by Herbert Schildt, ISBN: 9781259589317  Murach's MySQL, 3rd Edition, By Joel Murach, ISBN: 9781943872367  Teach Yourself SQL in 10 Minutes, 4th Edition, By Ben Forta, ISBN: 9780672336072  UML: A Beginner's Guide, By Jason T. Roff, ISBN: 9780072224603  Books and course materials for this course are available at the Kirkwood Bookstore. Click "Buy Course Materials" > Department...CIS > Course...175  Software:  Download and install [Oracle Java Development Kit (JDK)](https://www.oracle.com/java/technologies/javase-downloads.html), [Apache Netbeans](https://netbeans.apache.org/download/nb113/nb113.html), [VS Code](https://code.visualstudio.com/docs/java/java-tutorial), [Git](https://git-scm.com/downloads) (during installation, set VS Code as your default code editor).  Future downloads: [MySQL](https://dev.mysql.com/downloads/mysql/), [MySQL Workbench](https://dev.mysql.com/downloads/workbench/), and [Connector/J](https://dev.mysql.com/downloads/connector/j/).  Accounts:  Create an account on [GitHub](https://github.com/join), [Slack](https://join.slack.com/t/kcc-csd/shared_invite/zt-goykuvb7-NwgZzO1ntBWlfVFYr07b0g), [HackerRank](https://www.hackerrank.com/auth/signup), and [Codewars](https://www.codewars.com/join?language=java). |
| **Computer Hardware Requirements** | Please bring a portable storage drive to save your work when using a classroom computer. Students are responsible for backing up their own projects and data to prevent loss. Losing data is unacceptable in the business and information technology fields.  Students entering Kirkwood are recommended to have their own personal laptop computer. The laptop should have a webcam and be running Windows 10 or Mac OS. It is recommended that the laptop have an i5 processor or above and have been purchased in the last four years. A minimum of 8 GB of RAM is recommended. The laptop should have at least two web browsers installed. If possible, a second monitor is recommended to increase productivity. A Chromebook is not recommended as it does not work with all applications a student may use.  Kirkwood is offering a program allowing students to apply for a free laptop to use for coursework. For information visit <http://www.kirkwood.edu/freelaptop>. |
| **Kirkwood Student Learning Outcomes (KSLO)** | The Kirkwood faculty has determined this course provides students with opportunities to practice the following Kirkwood Student Learning Outcomes:   * Civic Engagement * Communication * Information Literacy   The Kirkwood faculty has determined that upon completion of this course, students will be able to demonstrate the following Kirkwood Student Learning Outcomes:   * Analytic Inquiry * Collaboration and Teamwork * Diversity and Inclusion * Ethical Reasoning * Quantitative Reasoning |
| **Course Student Learning Outcomes and Competencies** | Upon completion of this course students will be able to:   1. Demonstrate an understanding multitier software design 2. Understand the use of standard collections and generics in the Java programming language 3. Understand elementary Thread programming in Java 4. Create software that performs standard data operations with Java and a relational database. 5. Use streams to communicate with sockets and files 6. Apply elementary XML functionality in Java 7. Understand the importance of using standard Object Oriented Programming (OOP) design tools such as the Unified Modeling Language (UML) 8. Demonstrate a preference for messages and Exceptions for communicating between components 9. Systematize Test Driven Development |
| **Late Work/Make-up Test Policy** | Please contact me as soon as possible if you have emergency circumstances that will prevent you from attending class or completing an assignment on time. Accommodations can be arranged based on the situation.  Homework:  Submitting assignments after the due date will result in reduced credit. Assignments submitted less than 24 hours late will receive a reduced score by 10%. Assignments submitted less than one week late will receive a reduced score by 25%. Assignments submitted over one week late will receive a reduced score by 50%.  If you submit incomplete work by the due date, you will have one opportunity to rework the assignment and resubmit it for extra points within one week after the initial work was graded.  Quizzes:  Quizzes are scheduled weekly. Quizzes will not be reopened if you do not complete them within the given week. Quizzes and in-class activities cannot be made up without a compelling and documented excuse.  Final Projects, Final Exams and End of Term Units of Instruction:  Anything due in the last two weeks of class must be in on time. Final projects, final exams or homework projects from the final units of class will not be accepted late. |
| **Class Attendance Policy And College Sponsored Activities** | As stated in the Student handbook: In compliance with Public Law 105-244, Kirkwood Community College makes a wide variety of general institutional information available to students. For additional information, go to: <http://www.kirkwood.edu/catalog/current/class-attendance.htm>  Students are expected to attend all sessions of classes for which they are enrolled. Attendance will be taken at the start of each class. If you won’t be in class, you are responsible to attend open office hours to obtain any missed materials.  Absences shall in no way lessen student responsibility for meeting the requirements of any class. Requests for extra sympathy at the end of the term will be tempered by your attendance pattern during the term. |
| **Productive Classroom Learning Environment** | We believe that the best learning takes place in an environment where faculty and students exhibit trust and mutual respect.  In a productive learning environment, faculty and students work cooperatively, recognize and respect differences, model the values of character and citizenship, and become lifelong learners.  You are expected to be respectful of your fellow student’s discussions in class and be professional. Failure to communicate appropriately and be respectful of others may be referred to his or her dean for disciplinary action and possible removal from the class.  Cell phones are allowed, as long as the use is not disruptive to the learning environment. However, cellphones and similar technology are not allowed during quizzes and exams. |
| **Academic Integrity** | You may review Kirkwood’s Student Academic Integrity Policy at: <http://www.kirkwood.edu/catalog/current/academic-integrity-policy.htm>  My Policy:  Labs, assignments, and projects may be assigned individually or with a partner. You are allowed to discuss ideas and topics with other individuals and groups, but you are not allowed to share code or let others copy your work. When you are working with dozens (if not hundreds) of lines of code, no two submissions will produce identical code. Turning in code that isn’t yours or isn’t cited properly is considered a form of plagiarism and may result in a loss of all possible points. |
| **Campus Closings** | You may review the Cancellation and Delay Policy at: <http://www.kirkwood.edu/catalog/current/cancellation-and-delay-policy.htm> |
| **Academic Accommodations** | Students with specific academic and/or classroom needs may request individualized accommodations. Students wishing to request accommodations should complete an "Accommodation Request Form" which is available at the Learning Services office, 2063 Cedar Hall, or online at <https://www.kirkwood.edu/accommodations>. Students will be asked to provide documentation supporting their request. An accommodation plan must be completed each semester and given to instructors before academic accommodations will be provided. You may review the Accommodation Policy at: <http://www.kirkwood.edu/catalog/current/accommodation-services-for-students-with-disabilities.htm> |
| **Midterm Grades** | A midterm grade will be calculated and posted on Talon. The midterm grade is a grade-in-progress, and will not affect your official GPA, nor will it impact financial aid. The midterm grade has three purposes: first, to communicate your academic performance; second, to provide opportunities for you to discuss your progress with your instructor; and third, to allow Kirkwood to design college-wide intervention programs that will improve student success. |
| **Student Evaluation** | Grades for this class consist of several components. Each component will be tracked on Talon. Your final grade is determined by the weighted percentage of your scores.  Labs, Assignments, Projects account for 60% of the final grade. They will be assigned after completing Modules 2-11. Assignments are to be done independently and are to be the original work of the student. This is the greatest part of the grade because you need to demonstrate your ability to apply your knowledge of what you learn.  Exams and Quizzes account for 20% of the final grade. Quizzes will be assigned after completing Modules 2-9. You can use your notes and book during these quizzes.  Forums and Written Assignments will account for 10% of the final grade. There will be 3 written assignments issued throughout the semester. A final paper written assignment will be issued the last two weeks of class.  Professionalism and Class Participation will account for 10% of the final grade. Professionalism will be assessed through a rubric that reflects attendance and punctuality, preparedness, cooperation and attitude, self-starting and staying on task, and safety.  Formative assessments will be given during lecture presentations. |
| **Grading Scale** | |  |  |  |  | | --- | --- | --- | --- | | A | >93% | C | >73% | | A- | >90% | C- | >70% | | B+ | >87% | D+ | >67% | | B | >83% | D | >63% | | B- | >80% | D- | >60% | | C+ | >77% | F | >0% | |
| **Drop Date** | To find the last day to drop or get a refund, go to: <http://www.kirkwood.edu/lastdaytodrop>  Details of the refund schedule can be found under Academic & Enrollment Policies at: <https://www.kirkwood.edu/syllabi-refundschedule> |
| **Final Exam Information** | A final exam will be scheduled during the last week of the term. It will be a cumulative test that includes multiple choice, true/false, short answer, and code completion questions. Once started, the student has two hours to complete the exam.  For the fall 2020 semester, courses will continue to meet during finals week according to their regular semester meeting schedule. Courses will need to meet during all of the regularly scheduled times during that week. |
| **Emergency Information** | To find campus emergency information go to <https://www.kirkwood.edu/security> |
| **Nondiscrimination Statement** | Kirkwood Community College shall not engage in nor allow unlawful discrimination against individuals involved in its educational programs and activities on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, religion, age, disability or actual or potential parental, family or marital status.  Such discriminatory practices shall include but not be limited to:   * exclusion of a person or persons from participation in, denial of the benefits of, or other discrimination in any academic, extracurricular, research, occupational training, or other program or activity except athletic programs; * denial of comparable opportunity in intramural and interscholastic athletic programs; * or the exclusion of any person from any program or activity or employment because of pregnancy or related conditions dependent upon the physician's diagnosis and certification.   If you have questions or complaints related to compliance with the policy please contact the Vice President of Human Resources at Kirkwood Community College, 313 Kirkwood Hall, 6301 Kirkwood Blvd., SW, Cedar Rapids, IA 52404, Telephone: 319-398-5572, Email: [equity@Kirkwood.edu](mailto:equity@Kirkwood.edu) or the Director of the Office for Civil Rights U.S. Department of Education, Citigroup Center, 500 W. Madison St., Suite 1475, Chicago, IL 60661-7204, Telephone: 312-730-1560, Fax: 312-730-1576, Email: [OCR.Chicago@ed.gov](mailto:OCR.Chicago@ed.gov). |
| **Social Media Policy** | I will accept social media connection request from current students on LinkedIn. Note, however, that I cannot acknowledge you or say anything about you on LinkedIn unless I have a copy of a signed Reference Release Consent form. You can find the form on Kirkwood’s website at: <http://www.kirkwood.edu/onestopforms> |
| **Writing Center** | For Fall 2020, the Writing Center is open Monday-Thursday 9:05am-5:40pm and Friday 9:05am-3:30pm. Students can register and schedule appointments on MyHub (Links>All Links>Writing Center Main Campus). Appointments can be scheduled up to ten days ahead of time and are thirty minutes long. For any questions, please contact the Writing Center Director, Steve Price ([steve.price@kirkwood.edu](mailto:steve.price@kirkwood.edu)).  Students who are unable to use the Writing Center are welcome to submit their writing to the Kirkwood Center for Online Writing at <https://www.kirkwood.edu/cow>. They should follow the directions to get the best feedback from faculty. Submissions are added to a queue and typically returned within 24 - 48 hours. For any questions, please contact the Center for Online Writing Director, Renee Schlueter ([renee.schlueter@kirkwood.edu](mailto:renee.schlueter@kirkwood.edu)). |
| **COVID-19 Statement** | Kirkwood has developed COVID-19 required student Protocols based on the latest public health guidelines. These required protocols encourage Kirkwood’s learning community to consider others as well as themselves and empower students to take responsibility for their own health and safety amid the challenges of the coronavirus pandemic. A course section may have additional required protocols.  The most recent student protocols: <https://www.kirkwood.edu/backtocampus>   Students in violation of the required protocols will be asked to leave. Public Safety will be notified for any student refusing.  Disclosure: Due to changes in public health guidelines, the course meeting times, end date and the modality are all subject to change.  Other important notes:  Each class will require different groups of students to come on different days, while zooming on the alternative days.  When you come to class you must sit at the same location for the entirety of the term.  No Food or Drink Allowed in Classrooms - As part of the new COVID-19 safety requirements, food and drink will not be allowed in any Kirkwood classroom.  Do a health self-check every morning and to not attend class if you are feeling ill. |