CSC 191-001: Object-Oriented Programming II
(CRN 20016 & 20017)
Department of Computer Science

Syllabus

General Information

Instructor: Cindy Bragg **Office:** Wallace 412
Email: cindy.bragg@eku.edu **Phone:** 859-622-1874

Office Hours: **Mondays – 1:30 – 3:30 PM**
Tuesdays and Thursdays – 11 AM to 1 PM
Wednesdays – 10 to 11 AM and by appointment

Course Websites: EKU Blackboard & https://console.pearson.com
Course Meetings:
Lectures: 3:30 – 4:45 PM, TR; Wallace 445
Labs: 1:25 – 3:20 PM, W; Wallace 445

Catalog Course Description
Prerequisite: a minimum grade of "C" in CSC 185 and 190. Object-oriented programming, recursion, arrays, inheritance, file input/output, exception handling, multi-thread programming, GUI, object-oriented analysis and design. 2 Lec/2 Lab.

Textbook(s) & Required Software
1. Pearson Revel Interactive Textbook - Introduction to Java Programming, Comprehensive Version, 10th Edition, Liang

This course uses a Pearson digital product which contains important assignments and resources used throughout the semester. The required link below is unique to this course. Here is how to register:

1. Visit this link https://console.pearson.com/enrollment/tzp0ia

2. Sign in with your Pearson Account. You can either: sign in with an existing Pearson username and password OR create a new Pearson account if this is your first Pearson digital product.

3. Choose your course under 'My Courses' and choose an access option: redeem an access code that you got from your school's bookstore or purchase access online. There is a free 14 day trial if you are waiting for financial aid.

What you should know:

- Bookmark https://console.pearson.com to easily access your materials.

- Pearson recommends using the latest version of Chrome, Firefox, or Safari with this digital product. There is also a mobile app for this product.

2. Java 8 and Netbeans software

- **Must install NetBeans IDE 8.2 with Java SE:**
  - Netbeans download from first column of table on https://netbeans.org/downloads/8.2/

Student Learning Outcomes

In this course, students will demonstrate the ability to:

1. Demonstrate a working knowledge of problem-solving techniques in computing.
2. Describe fundamental concepts of classes and objects.
3. Demonstrate a working knowledge on composing algorithms.
4. Demonstrate a working knowledge on implementing algorithms as working programs.
5. Use written communication skills to write program documentation that is understandable by general users.

Course Requirements and Evaluation Methods

Grade Components

Laboratory Assignments (done in class)----------	10%
Revel Assignments ----------	10%
Homework Assignments----------	20%
Exam 1----------	15%
Exam 2----------	20%
Final Exam----------	25%

Grading Scale

A: 90-100 overall AND at least 80% in both exam and assignment categories
B: 80-89 overall AND at least 70% in both exam and assignment categories
C: 70-79 overall AND at least 60% in both exam and assignment categories
D: 60-69 overall AND at least 60% in both exam and assignment categories
F: 0-59 overall

Progress Report

Each student will be provided with a copy of his/her current grade average at least once prior to the mid-point of the course. Midterm grade is calculated based on the test/quiz scores and the total assignment/lab project scores obtained in the first half of the semester. Mid-term grades are due 3/4/19.

Late Assignment Policy & Missed Exams
Each homework and lab assignment is due at the end of the day (11:59 pm) of the due date. Late assignments will *be penalized 10% per day for each day late* (excluding weekends and holidays). No assignments will be accepted if they submitted more than three school days late.

Make-up exams will only be given to those students who have a written doctor's or University excuse. Emergency absences must be discussed with the instructor. The missed exam must be made up within one week of the absence or a zero will be recorded.

Department Attendance Policy
Attendance will be taken during lectures and labs. Unexcused absences in excess of 10% of the scheduled lecture/lab meetings will result in a one letter grade reduction for the course. Unexcused absences in excess of 20% of the scheduled lecture/lab meetings will result in a two letter grade reduction for the course. Unexcused absences in excess of 30% of the scheduled lecture/lab meetings will result in a three letter grade reduction for the course. Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

Classroom Behavior
Behavior conducive for learning is expected in the classroom, which means no excessive talking to other students or sleeping. Also, this includes turning off cell phones and other electronic devices while in class. Electronics devices include laptop computers, unless you are using them to take class notes. If you are using them to take notes you need to get permission from the instructor. Anyone who violates this policy may be asked to leave the classroom for that class period.

Tentative Course Outline and Schedule

Week	Topic(s)
1-2	Review - decisions and loops
2-3	Review – loops, methods, and classes
4-6	Arrays – single and multi-dimensional
7	Exam 1
8-11	Recursion Exam 2
12-13	Exception handling File handling Linked Lists
13-15	Graphics
16	Generics Multithreaded programming
17	Final Exam on Tuesday, May 7, 1:00 PM – 3:00 PM

*Final exam schedule is available at http://colonelscompass.eku.edu/final-exam-schedule-spring
**The last day to drop the course and other important dates can be found at:
http://colonelscompass.eku.edu/spring-deadlines-adddrop-refunds

Academic Integrity
Students are advised that EKU's Academic Integrity policy will strictly be enforced in this course. The Academic Integrity policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity. Students are expected to do all assignments independently, unless explicitly told otherwise. The official definitions of cheating and plagiarism can be found in the Academic Integrity policy.

Disability Statement
The University strives to make all learning experiences as accessible as possible. If you are registered with the EKU Center for Student Accessibility (CSA), please obtain your accommodation letters from the CSA, present them to the course instructor, and discuss the accommodations needed. If you believe you need an accommodation and are not registered with the CSA, please contact the office in 361 Whitlock Building by email at disserv@eku.edu or by telephone at (859) 622-2933. Upon individual request, this syllabus can be made available in an alternative format.

A student with a "disability" may be an individual with a physical or psychological impairment that substantially limits one or more major life activities, to include, but not limited to: seeing, hearing, communicating, interacting with others, learning, thinking, concentrating, sitting, standing, lifting, performing manual tasks, working. Additionally, pregnancy accompanied by a medical condition(s), which causes a similar substantial limitation, may also be considered under the Americans with Disabilities Amendments Act (ADAAA).

Additional Notes
The instructor reserves the right to modify course policies, course schedule, and assignment/ project grade weight and due date. All students are expected to be responsible users of the computer systems for this course. If you require accommodation based on disability, please meet with the instructor in the first week of the semester to make sure you are appropriately accommodated.