



## Syllabus for: Object Oriented Programming

### Course Information

**Semester & Year:** Spring 2022

**Course ID and Section Number:** CIS-18-V3052 Object Oriented Programming

**Instructor Name:** Chris Romero

**Day/Time:** Online

**Location:** Online

**Number of Units:** 4

### Instructor Contact Information

**Office location:** online

**Office hours:** By appointment

**Email:** chris-romero@redwoods.edu

**Preferred Contact Method:** Email or Canvas. (Emails are answered within 24 hours)

### Catalog Description

An **intermediate-level** course in object-oriented programming (OOP). Students will use object-oriented and event-driven concepts to design, implement, and test programs written using the Java programming language. The course includes concepts common to all programming languages and those specific to event-driven languages.

### Course Student Learning Outcomes

**Upon successful completion, the student will be able to:**

1. Write, test, and debug programming source code using an integrated programming environment.
2. Integrate pre-defined classes into program solutions.
3. Develop programs containing intuitive graphical user interfaces (GUIs).

### Prerequisites/co-requisites/ recommended preparation

- Solid entry-level knowledge of object oriented programming (**CIS 12 is a recommended prep for this course**) and conscientiousness, attention to details, and skills in reading and writing are critical for success.

If you have not taken CIS 12, then you should have a **very strong beginners' knowledge of an object-oriented programming language** like C++, C#, Python, etc. You must be comfortable with creating classes, void and return methods, arguments, parameters, input using the Scanner class, output, primitive variables, data types, decision structures, repetition structures, arrays and strings, to name a few.

Take a look at the following exercise:

[https://docs.google.com/document/d/1cQ2ApQgaUtdjhXTsCE6SwDJY3I29585\\_/edit](https://docs.google.com/document/d/1cQ2ApQgaUtdjhXTsCE6SwDJY3I29585_/edit)

If you are able to **easily** create an object-oriented program that accomplishes the requirements, then you probably have enough experience to be successful in this class. However, if you are **NOT** able to create the project or struggle doing so, then I **strongly** suggest you take CIS 12 first. If you have already taken CIS 12 and still struggle with this exercise, then email me for alternatives.

If you can successfully create an object-oriented program solution in language other than Java, then be aware that the syntax transition can, and probably will be frustrating and problematic. You may want to consider taking CIS 12 to have a gentle transition into the Java syntax.

### **Required Materials:**

**Textbook title:** Objects First with Java, 5th Ed.

**ISBN#:** 0-13-249266-0

**Author:** Barnes & Kolling

**Publisher:** Pearson

**Required Software:** **BlueJ** integrated development environment (IDE).

This class uses the BlueJ integrated development environment (IDE). Go to [bluej.org](http://bluej.org) for system requirements and download installation information. I strongly suggest you download BlueJ, and view the [BlueJ tutorial](#) before the semester begins.

A word-processor is also required to prepare your answers to exercises. If you use a word-processor other than Microsoft Word, please save your documents in a compatible format (**docx**).

**Required Technology:** You should have high-speed internet (such as broadband) service from cable, DSL, or satellite providers as there are videos that require this speed. You need to have reliable access to the internet, at least **4 times per week**, for the duration of the course. Anticipate problems with your computer and internet access (including power outages) by not waiting until the last minute to submit assignments. It is your responsibility to meet the class deadlines

**A PC Computer or laptop** running a recent version of MS Windows 10. **Using only a smart phone, tablet or Chromebook is not sufficient to be successful in this course.**

**Portable Devices, Chromebooks vs. Computers:** Although you can use late-model portable devices (such as Android or iOS phones & tablets) for some things, you should plan on doing the majority of your work (especially labs, exams and assignments) from a reasonably late-model notebook or desktop computer. *Do NOT plan to participate in this class solely from a portable device or chromebook.* If you do decide to use your portable device for **some** of your class work, use the free Canvas app (called “Canvas by Instructure”) available in iTunes (for iOS) and the Google Play Store (for Android). Do not try to connect to Canvas using a web browser on a portable device. Your experience with Canvas will be a lot better using the app.

## Evaluation and Grading Policy

### Course Grading:

Exams(3) = 45%

Assignments = 20%

Labs 10%

Quizzes = 25%

### Grade Scale:

90-100% = A; 80-89% = B; 70-79% = C; 60-69% = D; Less than 60% = F

## Participation :

This class is an online course. It is VERY easy to fall behind in an online course. It actually takes MORE effort to stay on schedule in an online course than it does in a traditional face-to-face course. I highly recommend that you log on to Canvas at least **5** days a week to check announcements, post labs and assignments, and take quizzes and exams. There are strict deadlines posted for labs, assignments, quizzes, and exams that you must be aware of in order to avoid penalties.

Students are expected to:

- do the assigned reading from the textbook
- as needed, research topics using the Web and/or supplemental textbooks
- as needed, download, install, and learn additional free software
- complete all assignments
- complete all labs
- take all quizzes
- take exams online

## Course Policies

### Exams:

The exams are administered online, and you typically have a time window to complete the exam once it is open. Failure to complete an exam during the defined time window will **result in a zero on that exam**. There are no makeup exams. Be sure to give yourself plenty of time for technology and logistical problems when taking the exam. Please do not test this policy, you will be very disappointed with the results.

### Quizzes:

Quizzes are administered online weekly, and are typically due on Thursday of each week. Failure to complete a quiz by the posted due date will result in a zero on that quiz. **There are no makeup quizzes**. Be sure to give yourself plenty of time for technology and logistical problems when taking the quiz.

**Connection Issues:**

Problems with your internet connection or your computer will NOT result in an extension of the due date for any deliverable (lab/quiz/exam, etc.).

**Late Assignments and Labs (does NOT apply to Quizzes or Exams):**

We all have "emergencies" that arise from time to time. In recognition of this reality, I have a "no questions asked" (NQA) policy. Here's how it works. At the beginning of the semester you will receive 3 NQA credits(virtually of course). Each credit is worth one week. If something comes up, and you need to turn in an assignment or lab late, you can use an NQA credit and turn it in up to one week late. A late assignment with the proper number of NQA credits indicated will be graded as if it were handed in on time, no questions asked!

**A late lab or assignment without an NQA will receive a zero! Late credit cannot be applied towards discussions, quizzes or exams .**

**Disqualification/Excessive Absence Policy:**

**You will automatically be disqualified (dropped from the roll) if you have not posted your Week 1 Introduction to the Discussion Forum AND do not complete Quiz1, Lab 1, and Assignment 1 by their respective due dates.** In addition, you will be dropped from the course if you are not participating in class at least four days a week, and/or not completing the weekly tasks.

**Incomplete Grades:**

I do not give incompletes! However, if your place of residence is carried away by a tsunami while completing your final assignment, I may reconsider. This means an incomplete may be granted in EXTREME circumstances. You must be receiving at least a C grade at the time of the tsunami.

**Setting Your Preferred Name in Canvas**

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the [Student Information Update form](#).

**Canvas Information**

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.

Log into Canvas at <https://redwoods.instructure.com>

Password is your 8 digit birth date

For tech help, email [its@redwoods.edu](mailto:its@redwoods.edu) or call 707-476-4160

Canvas Help for students: <https://www.redwoods.edu/online/Help-Student>

Canvas online orientation workshop: <https://www.redwoods.edu/online/Home/Student-Resources/Canvas-Resources>

## **Accessibility**

College of the Redwoods is committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or [Disability Services and Programs for Students](#) (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- - Eureka: 707-476-4280, student services building, 1<sup>st</sup> floor
  - Del Norte: 707-465-2324, main building near library
  - Klamath-Trinity: 530-625-4821 Ext 103

If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

## **Student Feedback Policy**

Students may send the instructor messages and/or emails concerning questions about the course and expect a response within 24 hours. Students will receive prompt feedback from the instructor on homework assignments, online activities, quizzes, and examinations. Students can expect feedback and scores posted to the Gradebook tool within 7 days after submission.

## **Proctored Exams**

Exam proctoring is not required for this course.

## **Student Support Services**

The following online resources are available to support your success as a student:

- [CR-Online](#) (Comprehensive information for online students)
- [Library Articles & Databases](#)
- [Canvas help and tutorials](#)
- [Online Student Handbook](#)
  
- [Counseling](#) offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- [Academic Support Center](#) for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- [Library Services](#) to promote information literacy and provide organized information resources.
- [Multicultural & Diversity Center](#)

Special programs are also available for eligible students include

- [Extended Opportunity Programs & Services \(EOPS\)](#) provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [Eureka](#) or in [Del Norte](#)
- The [Veteran's Resource Center](#) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

## **Community College Student Health and Wellness**

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Health & Wellness website](#).

[Wellness Central](#) is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email [counseling@redwoods.edu](mailto:counseling@redwoods.edu).

## **Important Dates:**

- *Classes begin: 01/15/22*
- *Last day to add a class: 01/21/22*
- *Martin Luther King, Jr's Birthday (all campuses closed: 01/17/22*
- *Last day to drop without a W and receive a refund: 01/28/22*
- *Census date (or 20% into class duration): 01/31/22*
- *Last Day to file P/NP (only courses where this is an option) 02/11/22*
- *Lincoln's Birthday (all campuses closed): 02/18/22*
- *Presidents Day (all campuses closed): 02/21/22*
- *Last day to petition to graduate or apply for certificate: 03/03/22*

- *Spring Break (no classes): 03/14/22-03/19/22*
- *Last day for student-initiated W (no refund): 04/01/22*
- *Last day for faculty-initiated W (no refund): 04/01/22*
- *Final examinations: 05/07/22-05/13/22*
- *Semester ends: 05/13/22*
- *Grades available for transcript release: approximately 05/30/22*

## **Disruptive Online Behavior**

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

## **Academic Honesty**

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

This syllabus is subject to change with notice.