Syllabus for Math-15-E3650

CR COLLEGE OF THE REDWOODS

Course Information

Semester & Year:	Fall 2022
Course ID & Section #:	Math-15-E3650
Instructor's name:	Mr. Jon Pace
Day/Time of required meetings:	Math-15: T TH 11:40 – 1:45 pm
	Math-15S: T TH 1:55 – 3:20 pm
Location:	SC 214
Number of proctored exams:	No Proctored Exams
Course units:	4 units

Instructor Contact Information (Always via Canvas First)

Office location:	SC 216-J
Email address:	jonothan-pace@redwoods.edu
Office phone:	(707) 476-4222
Preferred Contact Modality:	**Please contact me through Canvas**

Office Hours

Tuesday & Thursday   9:30 – 11:00 am   SC 216-J or via Zoom

Zoom link:

https://redwoodsedu.zoom.us/j/91033057313?pwd=aTFPclJZdEpSUmxGSWxtTlp2TXJhQT09

Meeting ID: **910 3305 7313**
Passcode: **550093**

COVID-19 Protocols

Students must be fully vaccinated to attend face-to-face classes this spring. Masks are no longer required on campus for healthy people. Please stay current on all CR's Covid-19 protocols by clicking on this link: https://www.redwoods.edu/Covid-19

Catalog Description

An introduction to basic concepts of descriptive and inferential statistics, with emphasis on the meaning and use of statistical significance. Students will use probability techniques to make decisions via hypothesis testing and will estimate parameters using confidence intervals. The course includes applications from a variety of technical and social science fields.

Course Student Learning Outcomes

1) Accurately communicate statistical ideas using correct statistical notation, graphs, and vocabulary.

2) Use descriptive and inferential statistics to solve real-world problems.

3) Demonstrate appropriate use of technology in making decisions based upon real-world data.

4) Read and interpret information that contains statistical analysis and be able to communicate these results.

5) Judge the validity of research reported in the mass media and peer reviewed journals

Co-requisite Course (Attendance is Mandatory)

MATH-15S-E3651 - Support for Statistics   SC 214   T TH 1:55 – 3:20 pm

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, 1st 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.

Evaluation & Grading Policy

Your final grade will be determined as follows:

Online Homework:	30 %
Written Homework :	30 %
Video Lesson Quizzes:	10 %
Exams:	30 %

Evaluation & Grading Policy

The grade breakdown is as follows:

A	93 – 100%	C+	77 – 79.99%
A-	90 – 92.99%	C	70 – 76.99%
B+	87 – 89.99%	D	60 – 69.99%
B	83 – 86.99%	F	0 – 59.99%
B-	80 – 82.99%		

Pedagogical Classroom Design – Flipped Classroom

This course follows the "Flipped Classroom" pedagogical design. Before each class meeting, you will engage a video lesson covering material we will practice during class. Most of our in-class time will be spent engaging in group work and cooperatively working on the homework. You are expected to come to class prepared, having already engaged the video lesson(s) covering the material for that day. You can find a list of all the topic and sections covered each day in Canvas by click the "Syllabus" link on the left-hand side of our course homepage. A short quiz will accompany each video lesson and will close 15 minutes before class begins. **If you miss more than 4 quizzes you will be dropped from the class for lack of adequate preparation**.

Materials

Required Test: Introductory Statistics, OpenStax

https://openstax.org/details/introductory-statistics

- Free PDF download available
- Free online access
- Available for purchase if you want a personal copy

Time: It is critical to your success in this course that you **spend AT LEAST <u>8 hours per week</u> outside of class engaging on this course**. You should budget this time requirement into your weekly student schedule.

Recommended

1. Library's tutoring services: https://redwoods.libguides.com/Tutoring

2. I strongly recommend forming study groups to work on homework & prepare for exams.

Computer Requirements

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 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.

Portable Devices vs. Computers

Although you can use an up-to-date portable device (such as Android or iOS phones & tablets) for some things, you should plan on doing most of your work on a reasonably up-to-date notebook or desktop computer (Mac or PC). **You will not be able to participate in this class solely from a portable device**. 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).

Scanner

You may be required to convert written work into a PDF file that will be uploaded into Canvas assignments. You may use a Printer/Copier/Scanner or, if you do not have access to one, a phone app like the one below will work fine. Below is a link to some free Android and iPhone iOS pdf phone scanner apps: https://pdf.wondershare.com/mobile-app/free-pdf-scanner-app.html

Classroom Environment

It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful of one another. We are all adults, and an open, comfortable environment is crucial for learning. Therefore, you

should not hesitate to ask any questions, feel embarrassed to ask any question, or seek help. **Turn cell phones to vibrate before entering the classroom as you are not allowed to text or play on your phone during class.**

Written Homework (30% of the course grade)

There will be 8 written homework assignments throughout the semester. These assignments will be available on Canvas. You can access these assignments many ways:

1. Click on the assignment from the weekly course schedule that is our Canvas homepage.
2. Navigate to the weekly module for that week.
3. Click the "Assignments" link on the left-hand side of the course home page, click on "Sort by Type", and search for the assignment.
4. Click on the "Syllabus" link and search for the assignment.
5. Click on the Calendar and search for the assignment.
6. Look on the "Weekly Course Schedule" available for download from the "Syllabus" link.

Written homework assignments must be uploaded into the Canvas assignment by the due date and time. I do not accept late homework; however, if you notify me **PRIOR** to the assignment due date we may be able to work out alternate arrangements. I will drop the single lowest written homework score when calculating final grades. **Most written homework assignment will require the use of RStudio.**

Exams (30% of the Course Grade)

There will be 4 semester exams & a cumulative final exam. **Each exam will be available for 24 hours during which time you may work on it as much as you want. When you are finished, you will upload a PDF of your work into Canvas.** You can only make up an exam if you notify me <u>PRIOR</u> to the exam being given and have a compelling reason why you could not get the exam completed within the 24-hour window.

The Final Exam is cumulative following the same guidelines as the other semester exams.

Final Exam: Tuesday, Dec. 13th in Canvas

This is the only day you can take the final exam.
Please make any travel plans accordingly.

Online Homework   (30% of the Course Grade)

Each section will have an online homework assignment. The assignments will be post on MyOpenMath: https://www.myopenmath.com/index.php

All MyOpenMath (MOM) assignments will open the day we cover material in class and will be open for 4 days. You can attempt each question as many times as you like while the assignment is open. Once you get a question correct, it will be locked in as correct. Each assignment will be open in "Practice Mode" after its due date to allow for extra practice. Due dates are clearly marked on the MOM calendar, in the MOM assignment itself, in Canvas, and on the "Weekly Due Dates" document.

 If you already have a MyOpenMath (MOM) account:
- Sign into your account.
- Select "Enroll in a New Class" & enter in the Course ID: **152404**
- Enrollment Key: **(Leave this blank!)**

If you are new to MyOpenMath (MOM):
- Click "Register as New Student" below the login button.
- Follow the directions to create your account.
- **Enter your name as it appears in Canvas.**
- On the bottom, enter in the Course ID: **152404**
- Enrollment Key: **(Leave this blank!)**

Video Lesson Quizzes   (10% of the Course Grade)

Because this course follows a "Flipped Classroom" pedagogical model, it is imperative that students come to class having already engaged the video lessons. Each video lesson will be accompanied by a short quiz. You will be required to score at least an 80% on the quiz. Again, because a "Flipped Classroom" depends so heavily on students coming to class having already engaged the video lessons, if you miss more than 4 quizzes you will be dropped from the class for lack of appropriate preparation.

Important Semester Dates

- Fall Semester begins   8/20/22
- Last day to add a class   8/26/22
- Last day to drop without a W and receive a refund   9/02/22

- Labor Day (No Classes)   9/05/22
- Last day to file P/NP   9/16/22
- Last day to petition to graduate or apply for certificate   10/27/22
- Last day for student-initiated W (no refund):   10/28/22
- Last day for faculty-initiated W (no refund):   10/28/22
- Veteran's Day (No Classes)   11/11/22
- Thanksgiving Break (No Classes)   11/21/22 – 11/25/22s
- Final examinations: 12/10/22 – 12/16/22
- Grades available for transcript release: 1/06/23

Academic dishonesty

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.

Disruptive 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.

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Setting Your Preferred Name in Canvas

Students can 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](#) (very bottom of the linked page.)

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 or call 707-476-4160

Canvas Help for students: https://www.redwoods.edu/online/NewHome/Canvas-Resources-Home

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

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.

Emergency procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary to receive emergency

alerts. Check to make sure your contact information is up to date by logging into WebAdvisor https://webadvisor.redwoods.edu and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the Redwoods Public Safety Page.

In an emergency that requires an evacuation of the building anywhere in the District:
- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus unless it has been deemed safe by the campus authorities.

Eureka Campus Emergency Procedures

Please review the campus emergency map for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the Redwoods Public Safety Page It is the responsibility of College of the Redwoods to protect life and property from the effects of emergencies within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus unless it is necessary to preserve life and/or has been deemed safe by the person in command.

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

CR Students get Microsoft Office365 FREE

All CR Students can get OFFICE 365 for *free* -- for PC, Mac, Smartphone, Tablet – using your @[mycr.redwoods.edu](#) email address.

1) Go to:
https://products.office.com/en-US/student/office-in-education#FAQS

2) Enter your student email account (e.g., [jdoe555@mycr.redwoods.edu](#))

3) Go into student email account & click on the verification link in the Microsoft email.

4) The link will take you back to the website. Download the software. **Make sure it physically downloads the files onto your computer**. You should be able to open Word, Excel, and Power Point without being online.

<u>Note</u>: This syllabus is subject to change. I will notify you both in class and through Canvas should this become necessary.