

## Course Information

<b>Semester &amp; Year</b>	Spring
<b>Course ID and Section #</b>	Math 15 E7444
<b>Instructor's Name</b>	Mr. Jon Pace
<b>Day/Time</b>	T TH @ 1:15 – 3:20 PM
<b>Location</b>	SC 214
<b>Number of Units</b>	4 units

## Instructor Contact Information

<b>Contact Information</b>	<i>Office hours</i>	<p>My office is in SC 216H</p> <p>M – F @ 11:30 – 12:30 PM</p> <p><b>Or by appointment</b></p>
	<i>Phone #</i>	(707) 476-4222
	<i>Email address</i>	<p><a href="mailto:jonathan-pace@redwoods.edu">jonathan-pace@redwoods.edu</a></p> <p><b>or via Canvas</b></p>

## Required Materials

<b>Textbook Information</b>	<i>Title &amp; Edition</i>	<p>Introductory Statistics, Openstax</p> <p>Available for free download at:  <a href="https://openstax.org/details/introductory-statistics">https://openstax.org/details/introductory-statistics</a> </p>
	<i>Author</i>	Barbara Illowsky & Susan Dean
	<i>ISBN</i>	<p><b>ISBN-10:</b> 1938168208</p> <p><b>ISBN-13:</b> 978-1-938168-20-8</p>

## 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 *(from course outline of record)*

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.

## Evaluation & Grading Policy

Your final grade will be determined as follows:

Online Homework:	25 %
Written Homework:	20 %
Quizzes:	10 %
Project(s):	15 %
Exams:	30 %

The grade breakdown is as follows:

A	93 – 100%	C+	77 – 79.9%
A-	90 – 92.9%	C	70 – 76.9%
B+	87 – 89.9%	D	60 – 69.9%
B	83 – 86.9%	F	0 – 59.9%
B-	80 – 82.9%		

## Co-requisite

**MATH-15S-E7446 Support for Statistics**

## Other Useful Information

### Special Accommodations

College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact [Disabled Students Programs and Services](#). Students may make requests for alternative media by contacting DSPS at 707-476-4280.

### Academic Support

Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more.

### 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 at:

<http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>, and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is in the college catalog and on the College of the Redwoods website.

### Disruptive Classroom 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, he or she 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 at:

<http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>

and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is in the college catalog and on the College of the Redwoods website.

### **Emergency Procedures for the Eureka campus:**

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: ([http://www.redwoods.edu/Eureka/campus-maps/EurekaMap\\_emergency.pdf](http://www.redwoods.edu/Eureka/campus-maps/EurekaMap_emergency.pdf)). For more information on Public Safety, go to <http://redwoods.edu/safety/>. In an emergency that requires an evacuation of the building:

- 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 Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.

***College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all its programs and activities.***

### **Materials:**

Required Text: Introductory Statistics, Openstax College  
Download a copy for free or purchase online at:  
<https://openstax.org/details/introductory-statistics>

Graphing Calculators: A graphing calculator is required for this course. You may rent one from the Math department for \$15 per semester. Follow this link for more specific details:  
<https://www.redwoods.edu/math/Resources/Calculator-Rentals>

Phone Apps: For Droid OS: Wabbitemu (free)

After downloading:

1. Choose “**Help me create a ROM ...**” option
2. Choose TI-84 Plus C SE (very bottom)

For Iphone OS: StatsCalc (free)

GraphNCalc83 (\$5.99)

Time:

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

### **Recommended**

1. Math Lab: Math-52-E7573 (0.5 units: 22.5 hours needed)  
Math-52-E7574 (1 unit: 45 hours needed)  
Math-252-E7506 (Non-Credit: No hour requirement)  
<https://www.redwoods.edu/math/Lab>

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

3. The Academic Support Center in the library offers individual & group tutoring by appointment.

### **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.***

### **Exams**

There will be 4 semester exams & a cumulative final exam comprising 30% of the course grade. I will notify you at least one week in advance as to the date of each exam. Before each exam, I will post a practice exam on Canvas. **All exams need to be taken in class on the day of the exam or in the ASC with proper authorization.** You can only make up a missed exam if you notify me **PRIOR** to the exam being given.

**Final Exam: Thursday, May 14<sup>th</sup> @ 1:00 – 3:00 PM**

***This is the only day the final will be offered. Make your travel plans accordingly.***

## Homework

Written Homework: At the beginning of each week I will assign a written homework assignment. The homework assignment is due at the beginning of class the following Tuesday. This means you will have one full week to complete each written homework assignment. I will drop your lowest written homework score.

Each written homework assignment will also be posted on Canvas in the weekly module for the week it is covered. You can also find each homework assignment in Canvas by clicking “[Assignments](#)” in the list on the left-hand side of our course page.

Online Homework: Each section will have an online homework assignment. The assignments will be post on the website **MyOpenMath**:  
<https://www.myopenmath.com/index.php>

Course ID: **63443**

Enrollment Key: *(Leave this blank!)*

If you already have a MyOpenMath account:

- Sign into your account.
- Select “Enroll in a New Class” & enter in the Course ID.
- Leave the Enrollment Key option blank.

If you are new to MyOpenMath:

- Click “Register as New Student” below the login button.
- Follow the directions to create your account.
- On the bottom, enter in the Course ID.
- Leave the Enrollment Key option blank.

Each homework assignment will also be posted on Canvas in the weekly module that the section was covered. You can also find each homework assignment in Canvas by clicking “[Assignments](#)” in the list on the left-hand side of our course page. **Each assignment in MyOpenMath (MOM) will be open for 3 days during which time you will have unlimited attempts at each problem.** It is critical for your learning success that you do the homework while the material is still fresh in your mind.

## Quizzes

There will be a short quiz most Thursdays at the beginning of class. You will be given 10 minutes to complete the quiz from the time the quiz is handed out. If you are late you will have less time to do the quiz so, please be on time! The quizzes will be on the material covered the week prior. **You can only make up a missed quiz if you notify me *PRIOR* to the quiz being given.** I will drop your lowest quiz score.

## Project(s)

You will complete project assignments throughout the semester that will culminate in a “scholarly journal article” that you will write up and submit on Canvas. Project details and a comprehensive project rubric will be provided as each project assignment is introduced.

## Department Policy Regarding “Faculty Withdrawal” of Students after Census Day

It is the policy of the College of the Redwoods Math Department to exercise a "Faculty Withdrawal" for any student who has missed more than 15% of the class meeting time (prior to the drop deadline), due to the severely diminished likelihood of a successful outcome in the course. It is important to note that, if it is the student's intention to withdraw from the course, the responsibility remains with the student to ensure the proper paperwork has been filed – that is, students are not to assume the teacher will file the "Withdrawal" automatically.

## Important Dates

Last day to <b>Add</b> a course.	Jan. 24 <sup>th</sup>
Last day to drop a course without a <b>W &amp; with a refund.</b>	Jan. 31 <sup>th</sup>
Last day to file Pass/No Pass option	Feb. 14 <sup>th</sup>
Last day to petition to graduate	Mar. 5 <sup>th</sup>
Last day to drop a course with a <b>W &amp; without a refund.</b>	Apr. 3 <sup>rd</sup>
Last day for faculty-initiated withdrawal without a refund.	Apr. 3 <sup>rd</sup>
Final Exam Week	May 11 <sup>th</sup> – 15 <sup>th</sup>

## **Guidelines for Written Homework**

1. I must be able to read your work. If I cannot read your writing, you will not get credit for that problem.
2. You must answer questions in complete, grammatically correct sentences when appropriate. More explanation is almost always better than less explanation.
3. Show your work – ***do not just turn in a list of answers.***
4. If you use more than one sheet of paper, staple the pages together in the upper left-hand corner.
5. **If you rip your pages out of a spiral notebook, REMOVE THE FRILLIES!!**

## **Students get Microsoft Office365 FREE**

All CR Students can get OFFICE 365 for \*free\* -- for PC, Mac, Smartphone, Tablet – using your [@mycr.redwoods.edu](mailto:@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](mailto: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.

## **Classes for Academic Support**

- Math Lab classes: Drop-in math help, during open hours.
- CIS-210: A free course designed to assist students and strengthen student computer skills needed in the 21<sup>st</sup> Century workplace. This lab will provide individualized instruction in a self-paced environment. Coursework specific to a student's area of study will be evaluated.
- LIGHT Center classes open to all students: GUID 143, 145, 146, 147, 148, 205, 215.
- ESL classes such as ESL 211 are free and support academic students. ***You can show up to sign up!***

**\* This syllabus is subject to change. I will notify you in class & on Canvas should this become necessary.**