

Syllabus for Math-15-E6021

Semester & Year	Spring 2019	
Course ID and Section #	Math 15 E6021	
Instructor's Name	Mr. Jon Pace	
Day/Time	M W TH @ 2:50 – 4:05 PM	
Location	SC 208	
Number of Credits/Units	4 units	
Contact Information	<i>Office hours</i>	My office is in SC 216H M W @ 12:00 – 2:00 PM Or by appointment
	<i>Phone #</i>	(707) 476-4222
	<i>Email address</i>	jonathan-pace@redwoods.edu or via Canvas
Textbook Information	<i>Title & Edition</i>	Introductory Statistics, Openstax Available for free download at: https://openstax.org/details/introductory-statistics
	<i>Author</i>	Barbara Illowsky & Susan Dean
	<i>ISBN</i>	ISBN-10: 1938168208 ISBN-13: 978-1-938168-20-8
<p>Course Description (catalog description as described in course outline):</p> <p>The study of statistical methods as applied to descriptive statistics and inferential statistics. An emphasis on the meaning and use of statistical significance will be central to the course. Students will use probability techniques to make decisions via hypothesis testing and will estimate parameters using confidence intervals. Topics include descriptive statistics;</p>		

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probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. The course includes applications using data from disciplines including business, social sciences, psychology, life science, health science, and education.

Special notes or advisories: A TI-83 or TI-84 graphing calculator is required

Student Learning Outcomes (as described in course outline):

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

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

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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). 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

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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 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. **Take advantage of your EPIC peer leader!!**
2. Math Lab: Math15L (1 or ½ unit) or Math 252 (non-credit) - <https://www.redwoods.edu/math/Lab>
3. I would recommend forming study groups to work on homework & prepare for exams.
4. 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 comprising 25% of the course grade & a cumulative final exam worth 15% of your 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: Monday, May 13th @ 3:15 – 5:15 PM

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

Homework

Written Homework: Each week I will post a written assignment on Canvas under the module “**Written Homework**”. Assignments are due at the beginning of class the following Monday. I will drop your single lowest written homework score.

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: **44833**
Enrollment Key: *(Leave this 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 of our Course page. Each assignment in MyOpenMath (MOM) will be open for 4 days during which time you will have unlimited attempts at each problem. It is critical that you do the homework while the material is still fresh in your mind. This is where much of your actual learning in this course takes place.

Written Homework: There will be 7 – 8 written homework assignments throughout the semester. I will post each assignment on Canvas in the module “**Written Homework**”. You will have 1 full week to complete each assignment. I will drop your single lowest written homework score.

Quizzes

There will be a short quiz every Thursday at the beginning of class. You will to 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 single lowest quiz score.

Projects

You will complete 1 – 2 projects this semester. Project details and a comprehensive project rubric will be provided at the time each project is assigned.

Grades

Your final grade will be determined as follows:

Online Homework:	25 %
Written Homework:	15 %
Quizzes:	10 %
Project(s):	10 %
Exams:	25 %
Final Exam:	15 %

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%		

Mathematics 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 Add a course.	Jan. 25 th
Last day to drop a course without a W & with a refund.	Feb. 1 st
Last day to file Pass/No Pass option	Feb. 15 th
Presidents’ Day Weekend – No Class	Feb. 15 th – Feb. 18 th
Last day to petition to graduate	Mar. 3 rd
Spring Break – No Class	Mar. 18 th – Mar. 23 rd
Last day to drop a course with a W & without a refund.	Apr. 5 th
Last day for faculty-initiated withdrawal without a refund.	Apr. 5 th
Final Exam Week	May 13 th – May 17 th

Useful Resources

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://www.microsoft.com/enus/education/products/office/default.aspx>
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 them without being online.

Also see: <https://www.redwoods.edu/online/Help-Student>

Classes for Academic Support

- Math Lab classes: Drop-in math help, during open hours. Many classes such as Math 372L or Math 252 (for students in Math 272 or Math 372)
- CIS-210: A free course designed to assist students and strengthen student computer skills needed in the 21st 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.

CIS-210- E5273 Beginning Computer Skills MTWTH 9:30AM-11:30AM HU210

- 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!***

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