

## Course Information

Semester & Year: Fall 2019
Course ID & Section #: MATH-15-V7282
Instructor's name: Michael Butler
Day/Time or *Online: Online
Location or *Online: Online
Number of units: 4

## Instructor Contact Information

Office location or *Online: SC216D
Office hours: MT 10:00-11:00AM (SC216D), ThSu 7:00-8:00PM online
Phone number: 707 476-4234
Email address: michael-butler@redwoods.edu

## Required Materials

Textbook Title: OpenIntro Statistics
Edition: 4th
Author: David Diez et al
ISBN:
Other requirements: Access to a computer needed either personal or on campus

## 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.
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## 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 better understand 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

There are several ways you will be assessed in terms of your learning of this material. All points marked on assignments are of equal weight. The following are required on a weekly basis:
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- Reading Quiz
- Online Homework
- Discussion Question
- Module Quiz
- Computer Lab Using R

## Late Work Policy:

There are a variety of items that have to be turned in each week of the course. With few exceptions you will need to submit:

- a Reading Quiz (two attempts and is due Wednesday but open until Sunday),
- a Primary Post (due Thursday) and Replies to Peers (due Sunday) in a Discussion Question,
- an Online Homework Exercises (due Sunday),
- and a Module Quiz (due Sunday).

It is my hope that you see that turning things in on time or early is important to your progress in the course. But, life happens and you may need more time to finish an item. If you need extra time ask for it in advance of needing it. I am pretty good about extensions for reasonable needs. If you flake and just forget to do an assignment, then the following late policy will be applied:

- Reading Quiz: Must take and pass to move on in module (can be taken late with no penalty until end of weeks module).
- Discussion Questions: Half points at most can be earned.
- Online Homework: A few points deducted for being at most three days late. Half points at most can be earned after that. No late Assignment will be accepted if more than a week late.
- Module Quiz: Not allowed to take late without prior warning.

In addition there will be a Midterm Quiz and a Final Quiz in the course. You are not allowed to take either of these after the due date. There will be a week's window to take each these assessments in. If you need to take either of these assessments outside of the week assigned, you must contact me in advance or have a valid medical/family emergency that is verifiable.

## [Prerequisites/co-requisites/ recommended preparation](#)

Completion of Intermediate Algebra or appropriate placement based on AB 705 mandates.

***\*ONLINE REQUIREMENTS - The following are required online courses but are recommended for all (see \* in contents).***

## [Special accommodations statement](#)

Students will have access to this course that complies with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Course materials will include a text equivalent for all non-text elements; videos will include closed captioning, images will include alt-tags, and audio files will include transcripts. Text will be formatted for use with screen readers. All course materials will be understandable without the use of color. Hyperlinks will use descriptive and meaningful phrases instead of URLs.

Students who discover access issues with this class should contact the instructor.

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 [Disability Services and Programs for Students](#). Students may make requests for alternative media by contacting DSPS at 707-476-4280.

### Student feedback policy

Contacting your teacher to ask questions, clarify assignment requirements, or inform why an assignment is going to be late are all-important to a successful experience in the online environment (just as they are in a face-to-face class). The methods available to contact me in this class include:

- the Canvas Discussion forum, email, the Canvas Message tool,
- the online office hours, and
- message phone.

I respond to questions posted in the Discussion forum or sent to me via email usually within 24 hours. The exception to this would be on the weekends or when I give prior notice that I will be out of the range of Internet service for more than 24 hours. The phone is for leaving messages only and I will respond to voice mail with a Canvas Message.

The Canvas Discussion forum is a great place to post questions about content from the material we are covering. If you are having trouble with an exercise or don't understand a concept in the reading, this is a great first stop to ask for help. Many times your peers will answer the question before I do. I encourage this and offer one point extra credit on an assignment for every question you answer (correctly) in the Discussion forum. Be sure and subscribe to the *Questions About Content* Discussion forum.

The Canvas Message tool (the Inbox link) is an excellent way to contact me with information that you need to communicate just to me. If you ask me content questions via email or through Message, I will post the response to the Canvas Discussion forum. If you need an extension on an assignment, sending a Canvas Message is the way to ask for that. If you use the Canvas Messaging system to email me, the course and section are automatically included in the message which really helps me with timely responses. If you need to use your personal email utility, please include the course name and section (Math 120 V2362) in the subject. Again, any content questions sent to me via email/Canvas-Message will be replied to in the *Questions About Content* Discussion forum

Online office hours are an excellent way to get real time help in the class! The Canvas system has a Conference tool that allows us an interactive whiteboard and desktop sharing. There is a poll where you can vote for what time the regularly scheduled office hours will occur at the end of Module One. We can also schedule additional office hours that fit your schedule. These sessions will be recorded and archived if you cannot attend.

### Student Accessibility Statement and Academic Support Information

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

- [CR-Online](#) (Resources for online students)
- [Library](#) (including online databases)
- [Canvas help and tutorials](#)
- [Online Student Handbook](#)

# Recommended syllabus content - class policies and practices

The following syllabus content, although not required, may be helpful for students. Please consider adding the following content to your syllabus. Sample text and examples are provided for your reference. *Note some of these Items are required for online courses.*

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# Institutional Policies

## [Special accommodations statement \(\\*required for online classes\)](#)

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 accommodations, please see me or contact [Disability Services and Programs for Students](#). 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

## [Student Access \(\\*required for online classes\)](#)

These standards are required by federal regulation. Students will have access to this course that complies with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Course materials will include a text equivalent for all non-text elements; videos will include closed captioning, images will include alt-tags, hyperlinks will use descriptive/meaningful phrases instead of URLs and audio files will include transcripts. All text will be formatted for use with screen readers and all course materials will be understandable without the use of color.

Students who discover access issues with this class should contact the instructor.

## [Admissions deadlines & enrollment policies](#)

Fall 2019 Dates

- *Last day to add a class: 8/23/19*
- *Last day to drop without a W and receive a refund: 9/6/19*
- *Census date: 9/9/19*
- *Last day to petition to graduate or apply for certificate: 10/31/19*
- *Last day for student-initiated W (no refund): 11/1/19*
- *Last day for faculty initiated W (no refund): 11/1/19*
- *Veteran's Day (all campuses closed): 11/11/19*
- *Fall break (no classes): 11/25/19 – 11/30/19*
- *Thanksgiving (all campuses closed): 11/28/19 – 11/29/19*
- *Final examinations: 12/14/19 – 12/20/19*
- *Semester ends: 12/20/19*
- *Grades available for transcript release: approximately 1/6/20*

Students who have experienced extenuating circumstances can complete & submit the **Excused Withdrawal Petition** to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the Admissions and Records Forms Webpage. Supporting documentation is required.

## [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](#).

## Policies for this Class

### Class participation and Attendance policy

Every student in this class is expected to participate weekly in the Discussions, homework, quizzes, and lab. If you are not posting your work and participating in discussions, you will receive a message from your instructor asking how they can help you get back on track and if you plan on continuing in the course. Make sure you respond to the message if you receive it.

This course requires at least 10 hours per week for sixteen weeks of your time. You will need to carefully read the text, watch videos, participate in online discussions, complete weekly quizzes, and complete exercises from the text. Conscientiousness, attention to details, and skills in reading and writing are critical for success.

### Communication Guidelines

I access the class website regularly and respond to posted questions and messages usually within 24 hours and no later than 48 hours. Additionally, I participate in the discussions where appropriate. There are also regular instructor-based communications with weekly announcements, lectures, and evaluative feedback to your discussion posts.

Statement on Student Privacy Rights: Students have the right to keep their record private, including the legal rights of students that prevent information from being disclosed to anyone (including parents/guardians) without the student's prior written consent.

### Regular effective contact (*\*required for online classes*)

*"Instructor should initiate frequent interactions with all students, both individually and collectively, and that students should have frequent opportunities to regularly interact with each other".*

Contacting your teacher to ask questions, clarify assignment requirements, or inform why an assignment is going to be late are all-important to a successful experience in the online environment (just as they are in a face-to-face class). The methods available to contact me in this class include:

- the Canvas Discussion forum, email, the Canvas Message tool,
- the online office hours, and
- message phone.



I respond to questions posted in the Discussion forum or sent to me via email usually within 24 hours. The exception to this would be on the weekends or when I give prior notice that I will be out of the range of Internet service for more than 24 hours. The phone is for leaving messages only and I will respond to voice mail with a Canvas Message.

The Canvas Discussion forum is a great place to post questions about content from the material we are covering. If you are having trouble with an exercise or don't understand a concept in the reading, this is a great first stop to ask for help. Many times your peers will answer the question before I do. I encourage this and offer one point extra credit on an assignment for every question you answer (correctly) in the Discussion forum. Be sure and subscribe to the *Questions About Content* Discussion forum.

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Online office hours are an excellent way to get real time help in the class! The Canvas system has a Conference tool that allows us an interactive whiteboard and desktop sharing. There is a poll where you can vote for what time the regularly scheduled office hours will occur at the end of Module One. We can also schedule additional office hours that fit your schedule. These sessions will be recorded and archived if you cannot attend.

#### Drop Policy:

Please confirm your presence in our online classroom. Log in to the website and post to the "Student Introductions" discussion forum no later than 11:59pm on **Wednesday, of the first week of class** to confirm your presence in the online classroom. Doing so will confirm your enrollment in the course and avoid being dropped as a "no show." You will be dropped from the class if you do not log in and post to the "Student Introductions" Discussion Forum in Canvas by **Wednesday, of the first week of class**. A student from the waiting list may then be added in your place.

If you are struggling to keep up in the participation level required to succeed in this class, I will contact you and ask if you plan on continuing in the course. Please respond to that contact! I will take a "no response" as "you do not wish to continue" and initiate a Faculty Withdrawal from the class. Again, if you are having troubles with any of the course materials or the course format, contact me and let's see what we can do to get you back on track.

Attendance in an online class means participation. Logging into our course on a regular basis (at least three times per week) is akin to coming to class in a face-to-face class. But just as in a face-to-face class, participation in the class is part of the requirements for success. This means that you need to actively participate in the weekly Discussions. You need to read the textbook pages assigned and then take the Practice Quiz early in the week. You need to ask for help in a timely fashion when a concept or assigned exercise is causing you trouble. In addition to the regular feedback and grading that I do each week, I also check to see if you have been spending time on all of these tasks. If you are struggling to keep up in the participation level required to succeed in this class, I will contact you and ask if you plan on continuing in the course. Please respond to that contact! I will take a "no response" as "you do not wish to continue" and initiate a Faculty Withdrawal from the class. Again, if you are having troubles with any of the course materials or the course format, contact me and let's see what we can do to get you back on track.

#### Late Work Policy:

There are a variety of items that have to be turned in each week of the course. With few exceptions you will need to submit:

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- and a Module Quiz (due Sunday).

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- Module Quiz: Not allowed to take late without prior warning.

In addition there will be a Midterm Quiz and a Final Quiz in the course. You are not allowed to take either of these after the due date. There will be a week's window to take each these assessments in. If you need to take either of these assessments outside of the week assigned, you must contact me in advance or have a valid medical/family emergency that is verifiable.

## Information for this Class

### Recommended textbooks & other materials

OpenIntro 4<sup>th</sup> edition. You can access the text for free via [https://www.openintro.org/stat/textbook.php?stat\\_book=os](https://www.openintro.org/stat/textbook.php?stat_book=os)

### Proctoring

There will be no proctored exams in this class

### 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. It 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 6 digit birth date

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

### Technology skills, requirements, and support (required for online classes)

Tech equipment and skills are required for student success, and of equal importance as required textbooks and materials,

Students can obtain a free [Office 365 license](#) (includes Word, Excel, PowerPoint and more) with a valid CR email.

Necessary Computer Skills - [instructor: identify the computer skills necessary for students to succeed in your course.]

Technology Requirements (computer, other hardware, and software) - [instructor: identify the computer requirements and any hardware or software necessary for students to succeed in your class.]

Technology Support - [instructor: identify your role in providing technology support]

Before contacting Technical Support please visit the [Online Support Page](#). For password issues with Canvas, Web Advisor or your mycr.redwoods.edu email, contact [its@redwoods.edu](mailto:its@redwoods.edu) or call 707-476-4160 or 800-641-0400 ext. 4160 between 8:00 A.M. and 4:00 P.M., Monday through Friday.

### Gender-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 gender-inclusive and non-sexist to affirm and respect how people describe, express, and experience their gender. Just as sexist language excludes women's experiences, non-gender-inclusive language excludes the experiences of individuals whose identities may not fit the gender binary, and/or who may not identify with the sex they were assigned at birth. Gender-inclusive/non-sexist language acknowledges people of any gender (for example, first year student versus freshman, humankind versus mankind, etc.), affirms non-binary gender identifications, and recognizes the difference between biological sex and gender expression.

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. It does not change your legal name in our records. See the [Student Information Update form](#).

## Emergency procedures / 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 in order 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.

### Del Norte Campus Emergency Procedures

Please review the [Crescent City campus emergency map](#) for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information see the [Redwoods Public Safety Page](#). 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 campus authorities.

## [Klamath Trinity 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 emergency situations within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
4. If safe to do so, notify key Klamath-Trinity Instructional Site administrators and personnel.
5. Do not leave site, unless it is necessary to preserve life and/or has been deemed safe by the person in command.
6. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.

## [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 and Advising](#) offers academic support and includes academic advising and educational planning

Learning Resource Center includes the following resources for students

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

Special programs are also available for eligible students include

- [Extended Opportunity Programs & Services \(EOPS\)](#) provides financial assistance, support and encouragement for eligible income disadvantaged students at all CR locations.
- 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
- The [Honors Program](#) helps students succeed in transferring to a competitive four-year school.