# Math 219: Statistics

Instructor: Thien D. Tran

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Days/Time: MW 5:55pm - 8:00pm

Location: Remote/CANVAS

## Prerequisite

Math 140 with a minimum grade of C or equivalent skills as measured by placement into Math 219 according to the Santa Ana College Math Department’s placement standards.

## Course Description

Beginning course in Statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology.

## Student Learning Outcomes (SLOs)

By the end of the semester students will correctly interpret a graphical display of data. By the end of the semester students will take a statistical claim about a data set, perform an appropriate procedure, and write a conclusion that addresses that claim.

## Attendance

Students will not be permitted to attend classes in which they are not enrolled. A student may be dropped from class when the number of absences exceeds 5 days or 3 days in a row. If your absences or tardiness exceed the unit value of the course, you will be dropped. However, it is your responsibility to drop the class when you know that you will no longer be attending.

## Exam

There will be 6 exams and 1 Comprehensive Final.

## Homework

Assignments can be found on the Canvas class website.

## Textbook

"Introductory Statistics" by Illowsky and Dean (free download access, or free PDF download, or optional hard copy for purchase available at a low cost)

## ****Calculator Policy****

The use of technology (including graphing calculators) is encouraged for homework assignments and in-class demonstrations, group work, etc., but students are not required to have graphing calculators and are not allowed to use them on quizzes and exams. Scientific calculators may be used and required on quizzes and exams.

## Grading Policy

All grades will be posted on Canvas Grades. Grades will be updated automatically each time you complete an assignment. Grades for discussions will be posted weekly. Exams and Quizzes are typically are automatically graded so that you receive feedback immediately and can identify gaps in your knowledge base before moving to the next module. Always take advantage of any opportunity to re-take quizzes; the goal is for you to actually learn this stuff, not to "catch" you at what you don't know!

## Grading Breakdown

| Homework – 40% of grade  Exams (6 in class) – 40% of grade  Comprehensive Final – 20% of grade | Grading Scale (Based on total Percent earned)  A: 100%-90%  B: 89%-80%  C: 79%-70%  D: 69%-60%  F: 59% and Below |
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## Academic Integrity

Students at Santa Ana College are ex­pected to be honest and forthright in their academic endeavors. To falsify the results of one’s research, to steal the words or ideas of another, or to cheat on an examination, corrupts the essential process by which knowledge is advanced. Academic dishon­esty is seen as an intentional act of fraud, in which a student seeks to claim credit for the work or efforts of another without autho­rization, or uses unauthorized materials or fabricated information in any academic exercise. As institutions, we also consider academic dishonesty to include forgery of academic documents, intentionally imped­ing or damaging the academic work of others, assisting other students in acts of dishonesty or coercing students into acts of dishonesty.

## Students Accommodations

A student who would like to request for an academic accommodation is responsible for notifying the instructor and to Disabled Student Programs and Services (DSPS). To make arrangements for accommodations, contact the DSPS office in The Village, VL-204, or phone (714) 564-6264 for a referral to the appropriate DSPS department.