

# INTRO PROB & STAT

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## STA 2023 – Section 011

### INTRODUCTION TO PROBABILITY & STATISTICS

#### Fall 2023

**Classroom:** Benjamin L. Perry 0205

**Class Time:** MWF 1:25 pm – 2:15 pm.

**Instructor:** Dr. Cong Hoang

**Email:** [cong.hoang@famuedu](mailto:cong.hoang@famuedu) (<mailto:cong.hoang@famuedu>) (primary and preferred contact method, **DO NOT** use Webassign to send emails; it does not go to my inbox.)

**Office:** [Jackson Davis Hall](#) ↗

(<https://www.google.com/maps/place/Jackson+Davis+Hall,+Tallahassee,+FL+32301/@30.4261934,-84.2874867,17z/data=!4m13!1m7!3m6!1s0x88ecf569fd7454fb:0x784.285298!3m4!1s0x88ecf569fd7454fb:0x78e4a3938ff951c2!8m2!3d30.4261934!4d-84.285298?hl=en>), Room 208

**Office Hours:** MWThF 11:00 am – 11:50 am.

**Textbook:** Understandable Statistics: Concepts and Methods-13e, 2022, by Brase.

**Calculator:** A simple calculator with  $+/-/x/\div/\sqrt{\quad}$  would be enough, and this is the only electronic device allowed for Tests and Exams. **I will be very serious about this**, and you may end up having no calculator during Tests if you do not follow this rule.

**Prerequisites:** A grade of “C” or better in MAC 1105 or MAC 1147.

**Course Description:** This course is an introduction to the basic concepts and principles of statistics with elementary applications. Topics include data organization, data description, probability theory, random variables, normal distribution, the Central Limit Theorem, sampling distributions, confidence intervals, and hypothesis testing.

**Course Content:** We will cover most topics from Chapters 1 through 8 of the textbook.

**Attendance Policy:** I will be recording attendance via Canvas Quizzes, but this will NOT count toward/against your course grade.

**Assignments:** Homework will be assigned for each section via WebAssign after the class meeting, and will be due at 11:59 PM the night before the 7th day since the class meeting. For example, if the Topic was taught Wednesday this week, then its corresponding WebAssign assignment will be due at 11:59 PM Tuesday next week. You can access to this course in WebAssign by clicking on **Modules** on the left column then click on the link **WebAssign - STA 2023**.

**How to use WebAssign?** You submit answers by questions and not by submitting the entire assignment. 20 submissions will be allowed for each question. After you click anywhere within the question, the Submit Answer button will appear below the question. You will be required to use a new randomization after every 2 question submissions to generate a similar question with different values. After you click on the Submit Answer button the second time, the correct answer will be displayed next to your wrong answer if you miss the question the second time. Click anywhere within the question for the New Randomization button to appear on the screen below the missed question. Click on the New Randomization button to generate a similar question with different values. Your best submission for each question will be used for the final score of the question. You can solve problems in the homework assignment in any order you like. You do not have to finish the entire homework assignment in one sitting. You can save your homework assignment progress by clicking on the Save Assignment Progress button to continue working on it later.

At the beginning of the semester, you have 2 week trial period with WebAssign. After that, **you must purchase a permanent access code** to continue using this product. You are advised to do this as soon as you can before you forget, and do not use this as an excuse for missing assignments.

There will be **NO EXTENSION FOR ANY REASON**, for example: Dean excuse notes, lost of internet access, emergencies, etc. I actually expect my students to finish all the assignments BEFORE THE NEXT CLASS MEETING so that they can understand the next materials to be discussed in class. The 7 day period is meant for all the unexpected things to happen, not for you to wait until the last few hours to get the assignment done.

#### Tests and Exams:

There will be 2-3 Tests. The exact test dates and covered materials will be announced 1 week in advance.

The Final Exam will be delivered on the last day of class meeting. The Final Exam is as long as a Test, and is cumulative.

No make-up Test will be given unless you were in extraordinary circumstances (Excuse Note from the **Dean Office of your College**, NOT any Dean Office, is required). If you plan to miss a Test, you must take the **make-up Test within 7 days** since the date of the original Test. You can

come to take the make-up Test before you obtain the excuse note, but the grade will NOT change until I get the official excuse note from the Dean Office of your College. Please note that: make-up Tests can be **TWICE as hard** as the original ones.

**There will be NO make-up Final Exam for any reason.**

#### Grading Policy:

Homework Assignments: 20%

Tests and Final Exam: 80%

**Grading Schema:** A: 90 – 100, B: 80 – 89, C: 70 – 79, D: 60 – 69, F: 0 – 59

**In-class Recording Policy:** Generally, you are allowed to take pictures and videotape my lectures during our class meetings for your own learning purposes, but you cannot use it otherwise, such as posting it on social media, sharing with friends, etc. without my consent. Please see [in-class recording FAQs \(https://famunstructure.com/courses/15931/files?preview=1639368\)](https://famunstructure.com/courses/15931/files?preview=1639368) for details.

**Disabilities or Special Circumstances:** If you have disabilities, I encourage you to contact and let me know as soon as you can. Students with disabilities need to register with the Center for Disability Access and Resources ([CEDAR](http://www.famu.edu/index.cfm?cedar) [↗](http://www.famu.edu/index.cfm?cedar) (<http://www.famu.edu/index.cfm?cedar>)) in order to have special arrangements for testing and other needed activities. Information about your disabilities will be kept secret in between you, me, and the CEDAR.

**Honor Code:** Academic integrity is extremely important. Therefore we will strictly abide by the honor code found at [Student Code of Conduct](https://law.famu.edu/students/current-students/student-affairs/student-code-of-conduct/) [↗](https://law.famu.edu/students/current-students/student-affairs/student-code-of-conduct/) (<https://law.famu.edu/students/current-students/student-affairs/student-code-of-conduct/>). Any breach of the honor code results in failure in this course. Although group studying is encouraged, you are not allowed to copy the others' work. If you are not sure what you want to do is right or wrong, please consult me.

**COVID-19:** As you enter class, I expect that each of you is wearing a face covering that covers your mouth and nose. Please also be sure that you are following our seating arrangement. (Add other appropriate language specific to the class here.) It is also important to remember that face coverings are expected to be worn in any University building or public space in which social/physical distancing cannot be observed. These behavioral expectations are in place to promote the safety of our entire community.

**Students who are experiencing COVID-19 related symptoms must not attend class in person** and are encouraged to contact a health care provider. Students must report their absence to the course instructor. Alternatively, students may contact Student Health Services to report their absence, who will work with the student to communicate with the course instructor.

## Course Summary:

Date	Details	Due
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