

**STA 2023 (Statistical Methods): Fall 2024 Syllabus**

Course Information	Modality	Meet Days	Meet Hours	Classroom	CRN
	Face-to-Face	Tue/Thu	1130 - 1245	Building 3 Room 239	12365
Instructor Information	Professor	E-Mail	Website	Phone	Office
	Dr. Jonathan Stevens	<a href="mailto:jstevens41">jstevens41</a>	<a href="#">FrontDoor</a>	407-582-4120	Building 1 Room 209
Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday
	0700 - 0800	0715 - 0815	0700 - 0800	0715 - 0815	0700 - 0800
	1145 - 1245	1300 - 1430	1145 - 1245	1300 - 1430	
	1430 - 1500		1430 - 1500		
Course Description	<ul style="list-style-type: none"><li>Course based on the study of topics that include graphical and numerical summaries of data, probability and random variables, confidence intervals, hypothesis testing, correlation, and simple linear regression.</li></ul>				
Required Material	<ul style="list-style-type: none"><li>Notebook and pen/pencil</li><li>TI-84 calculator</li><li>Laptop or tablet with Wi-Fi capability</li><li>StatCrunch account</li></ul>				
Grade Calculation	<ul style="list-style-type: none"><li>The course is based on a 100-point scale. Your points will be calculated as follows:</li></ul>				
	Module	Sections			Module Test
	Module 1	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7			25 points
	Module 2	2.1, 2.2, 2.3, 2.4, 2.5			25 points
	Module 3	3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7			25 points
	Module 4	4.1, 4.2, 4.3, 4.4, 4.5			25 points
	Total Possible Points			100 points	
	<ul style="list-style-type: none"><li>Your final grade for the course is based upon the number of points earned:</li></ul>				
	A	B	C	D	F
90 - 100 points	80 - 89 points	70 - 79 points	60 - 69 points	0 - 59 points	
Lectures	<ul style="list-style-type: none"><li>It is imperative students attend all lectures. Lectures are the foundation for the homework, test reviews and tests.</li></ul>				
Homework (HW)	<ul style="list-style-type: none"><li>Ungraded homework assignments will be assigned for each section and are found in the lecture notes.</li><li>Homework assignments reinforce what was learned in class and serve as invaluable practice opportunities.</li></ul>				
Extra Credit (Test Reviews)	<ul style="list-style-type: none"><li>For each test, there is a test review worth 1 extra credit point. There are 4 extra credit points available.</li><li>Test reviews are closely correlated with each test. It is wise to complete these optional assignments.</li><li><b>Test reviews must be printed, complete, and turned in on time to receive extra credit. All work must be shown.</b></li></ul>				
Tests	<ul style="list-style-type: none"><li>There are four tests for the course, all conducted in class. Test #4 is not cumulative and only covers the last module.</li><li><b>Each module's test is worth 25 points. Take your percent correct on the test and multiply by 25.</b></li></ul>				
Attendance	<ul style="list-style-type: none"><li>Students are required to attend class and sign in. If absent, it is the student's responsibility to learn the material.</li><li><b>Students are allowed 3 absences. For each absence after that, their final grade will be reduced by 5 points.</b></li></ul>				
Calculator & Laptop/Tablet	<ul style="list-style-type: none"><li>The TI-84 calculator is required. The TI-84 is the only authorized calculator for class, homework, and tests.</li><li>Rentals are available at the Math Lab (1-144), Depot (4-121), Library (4-202), or Learning Center (3-100).</li><li>A laptop/tablet with Wi-Fi capability is required. You must use a laptop/tablet (with only StatCrunch visible) for tests.</li></ul>				
Canvas	<ul style="list-style-type: none"><li>The course syllabus, lecture notes, homework, test reviews and grades will be posted to <a href="#">Canvas</a>.</li><li>Students are responsible for reading any Canvas e-mail sent by the instructor. Please check Canvas regularly.</li></ul>				
StatCrunch	<ul style="list-style-type: none"><li><a href="#">StatCrunch</a> is the statistical software used in the course. Purchase 6-month access at <a href="#">StatCrunch Registration</a>.</li><li><b>Students must establish a StatCrunch account and e-mail a screenshot to the professor by 11:59 AM on August 23. Students who do not complete this week 1 assignment will be withdrawn from the course.</b></li></ul>				
Technical Problems	<ul style="list-style-type: none"><li><b>Students must ensure that their laptop/tablet is operational, with StatCrunch open, before every class and test.</b></li><li><b>No class or test will be delayed due to non-functioning laptops/tablets or StatCrunch access issues.</b></li></ul>				
Crawl-Walk-Run	<ul style="list-style-type: none"><li>To be successful in the course, students should follow the <b>Crawl-Walk-Run</b> learning model:<ul style="list-style-type: none"><li><b>Crawl:</b> students attend class, arrive on time, and are prepared to learn <u>before</u> class starts.</li><li><b>Walk:</b> students actively participate and actively learn <u>during</u> class.</li><li><b>Run:</b> students work efficiently <u>after</u> class by studying their notes, re-working the in-class problems, completing the HW assignments and repeatedly completing the test review.</li></ul></li></ul>				
Conduct	<ul style="list-style-type: none"><li>Please be courteous and do not disrupt class. The instructor will dismiss a student disrupting class.</li><li>Students are required to be on time. <b>If late, quietly enter the classroom and sit at the first available desk.</b></li><li><b>Cellphone use is not permitted in class</b> and will result in dismissal, except for calculator and camera applications.</li><li>E-mail is for administrative purposes, not for math questions. <b>All math questions will be answered face-to-face.</b></li><li><b>Students found cheating, in any manner, will receive a final grade of F and be permanently dismissed.</b></li></ul>				
Make-Up Policy	<ul style="list-style-type: none"><li><b>There are no make-up tests nor test retakes. Students who miss a test will receive a test score of zero.</b></li><li><b>In the event of a valid and documented emergency, the instructor may approve a make-up test.</b></li></ul>				
Miscellaneous	<ul style="list-style-type: none"><li>There are no faculty-withdrawals at Valencia College. The self-withdrawal deadline is <b>October 25</b>.</li><li>Students with an OSD accommodation letter must see the professor to discuss course testing procedures.</li><li>This syllabus may change. Students will be notified of changes and provided a revised syllabus in Canvas.</li></ul>				

Course Schedule	Date	Class	Activity	Homework (HW)
	20-Aug	1	Syllabus Review, 1.1 Lecture	Create StatCrunch Account, Open StatCrunch, Test Review #1 Posted, 1.1 HW
	22-Aug	2	1.2 Lecture	Bring Laptop/Tablet to Class, 1.2 HW
	27-Aug	3	1.3 Lecture	Bring Laptop/Tablet to Class with StatCrunch Open, 1.3 HW
	29-Aug	4	1.4 Lecture	1.4 HW
	3-Sep	5	1.5 Lecture	1.5 HW
	5-Sep	6	1.6 Lecture	1.6 HW
	10-Sep	7	1.7 Lecture, Test Protocol	1.7 HW, Study for Test #1
	12-Sep	8	Test #1	NLT 1130: Test Review #1 Due
	17-Sep	9	Test #1 Feedback, 2.1 Lecture	Test Review #2 Posted, 2.1 HW
	19-Sep	10	2.2 Lecture	2.2 HW
	24-Sep	11	2.3 Lecture	2.3 HW
	26-Sep	12	2.4 Lecture	2.4 HW
	1-Oct	13	2.5 Lecture	2.5 HW, Study for Test #2
	3-Oct	14	Test #2	NLT 1130: Test Review #2 Due
	8-Oct	15	Test #2 Feedback, 3.1 Lecture	Test Review #3 Posted, 3.1 HW
	10-Oct	16	3.2 Lecture	3.2 HW
	15-Oct	17	3.3 Lecture	3.3 HW
	17-Oct	18	3.4 Lecture	3.4 HW
	22-Oct	19	3.5 Lecture	3.5 HW
	24-Oct	20	3.6 Lecture	3.6 HW
	29-Oct	21	3.7 Lecture	3.7 HW, Study for Test #3
	31-Oct		Test #3 Preparation Day	Study for Test #3
	5-Nov	22	Test #3	NLT 1130: Test Review #3 Due
	7-Nov	23	Test #3 Feedback, 4.1 Lecture	Test Review #4 Posted, 4.1 HW
	12-Nov	24	4.2 Lecture	4.2 HW
	14-Nov	25	4.3 Lecture	4.3 HW
	19-Nov	26	4.4 Lecture	4.4 HW
	21-Nov	27	4.5 Lecture	4.5 HW, Study for Test #4
	26-Nov		Thanksgiving - No Class	
	28-Nov		Thanksgiving - No Class	
	3-Dec	28	Test #4	NLT 1130: Test Review #4 Due