

AP STATISTICS (Ms. Nesland) – 2017 Summer Assignment

Welcome to AP Statistics! You have made an excellent choice in this course selection and should find that the usefulness of the material you learn in this course will carry over into many areas other than mathematics and numerous college majors.

By signing up for AP Statistics, you are agreeing that:

1. You will come to class prepared and participate fully in all class activities.
2. You will complete all assigned work on time. You should expect to spend at least 30 minutes per night completing work and/or studying. Again, this is a college-level course and will require college-level work.
3. You will take the AP Statistics Exam on May 17, 2018. One goal of this class is to help students learn the material necessary to earn college credit for a basic college statistics course.

Purchase a copy of the 9th Edition -- ©2017 (I am not aware of a newer edition on its way.) **of BARRON'S: AP Statistics by Martin Sternstein, Phd.** There are other good test-prep books, but this is the one we will use to supplement our textbook. You will need this book to complete your summer assignment, and we will use the review book when we have completed our work in the textbook. (I buy mine on Amazon, but Barron's books are available in most bookstores.)

A graphing calculator is required for this course. Class examples will be done primary using a TI-Nspire and these calculators will be available in class. I will provide in-class instruction on the TI-Nspire and our textbook includes instructions for a TI-84. Any version of the TI-83 or TI-84 will easily follow these textbook examples. If you choose to use a TI-89, Casio, or other calculator, you will need to be able to find the needed commands on your calculator. I do not have manuals for those calculators.

We have a lot of material to cover and will begin right away when school starts. In addition to your graphing calculator, please come to class the first day with the following supplies:

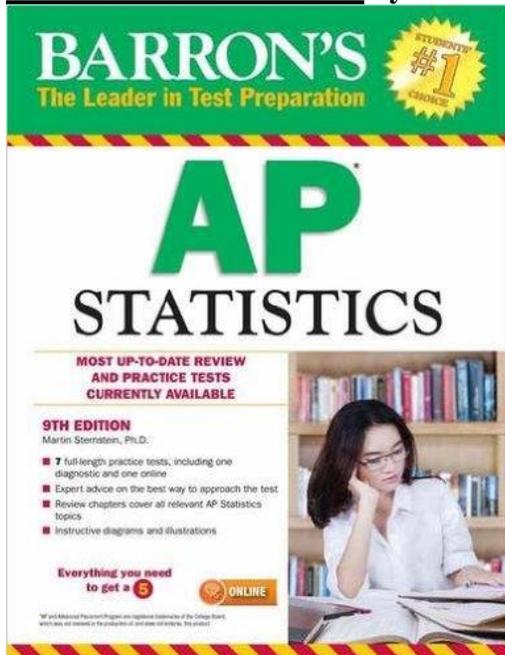
- 3-ring binder with paper (including graph paper) and dividers
- Pencil, eraser, black pen, blue pen

The purpose of the summer assignment is to introduce you to the AP program and the AP Stats course and to prepare you for the work we will be doing in class and the type of work you are expected to produce on the AP exam. My intent is not to discourage anyone from taking this course, but to encourage students to be ready for a quick (and positive!) start. I am looking forward to an exciting year with students who are prepared for class and willing to challenge themselves academically. Don't put this work off until the last minute.

If you have questions, email me at neslandk@monroe.wednet.edu. I will be away from any computers for much of the summer, but will reply to you as soon as I can.

SUMMER ASSIGNMENT

BARRON'S: AP Statistics by Martin Sternstein, Phd., 9th Edition -- ©2017



REQUIRED:

1. Look over (but do not complete) the diagnostic exam at the beginning to get a feel for the type of questions we will be tackling.
2. Read Topic One: Graphical Displays, pp. 39-50.
3. Complete the following questions on Topic One: Graphical Displays, pages 50-56:
Multiple Choice: # 1-3, 9 & Free-Response Questions: #1-3
4. Grade your own work using the answer key on pp. 57-58.

OPTIONAL (will give you a jumpstart on the first unit):

5. Read Topic Two: Summarizing Distributions, pp. 59-76.
6. Complete the Multiple Choice questions on Topic Two: Summarizing Distributions, pp. 77-89.
7. Grade your own work using the answer key on pp. 93-95.

I look forward to having you in class next year. Have a great summer!