CLASS POLICIES & SYLLABI

MRS. PROCTOR

2022-2023
Policies and Procedures
Mrs. Proctor
DeLand High School: (386) 822-6909
keprocto@volusia.k12.fl.us

Student Expectations:
1. BE PROMPT – on time and ready to begin.
2. BE PREPARED – bring notebook, paper, pencil, and book every day.
3. BE POLITE – be respectful to your teacher and the other students.
4. BE PROTECTIVE – be respectful of all materials and equipment in class.
5. BE PRODUCTIVE – use class time wisely and work diligently on assignments.
* Tardiness and Absences will be handled in the manner set forth by the school attendance policy.
All rules in the student handbook will be strictly enforced.

Consequences:
Warning → Change of Seat → Phone Call Home → Referral to office
* In the event of a severe disturbance, the referral will be immediate.

Grading Scale:
A = 90-100
B = 80-89
C = 70-79
D = 60-69
F = below 60

Grading Criteria:
Summative (Tests, Quizzes, Projects): 60%
Formative (Homework, Classwork): 40%
Diagnostic (Pre-tests only): 0%

- Academic dishonesty will not be tolerated and will result in a score of zero.
- Assignments will be given daily and checked at the beginning of the next class period. All assignments must have work shown for full credit.
- Assignments will be posted in gradebook. It is the student’s responsibility to get make-up work. Students have one day per missed day to make up all assignments.
- There will be at least three summative tests per quarter. One additional assessment will be provided to retest per quarter. This counts as a regular quiz in the formative category and can replace the student’s lowest test grade from that quarter.
- **IB and AP students:** It is strongly suggested that you invest in a graphing calculator. There will be assignments that require the use of a calculator, and the Advanced Placement test and IB exam require the use of a calculator. Having a calculator of your own will allow you to practice and become proficient in the use of the calculator. I strongly recommend a Texas Instruments TI-84.
- **AP Statistics students only:** Students who take an Advanced Placement course are required to sit for the AP Exam in May for that course. If for any reason you do not take the AP Exam, you will be assessed a charge from DeLand High School and the name of your course will be changed to an “honors” or “regular” designation rather than “AP.” This will also result in a change of weighting for the course from a 5.0 to either a 4.5 or a 4.0, which could affect your class rank and weighted grade point average.

Tutoring is available in 8-215 most Mondays/Tuesdays from 3:30 – 4:15 pm and Wednesdays during lunch. Other days by appointment only.
Textbook Used:  IB Mathematics: Applications & Interpretation, Standard Level

Other Materials Needed:  Graphics calculator, notebook section, paper, pencil

Course Objectives:  This course is the second half of a two year program designed to prepare students for IB exam in IB Math: Applications & Interpretation. The focus will be on review of previously taught topics as well as descriptive statistics, statistical applications, and introductory differential calculus.

Major Units/Topics/Themes:
Graphing Calculator Use  Descriptive Statistics
Sets of Numbers  Probability
Sequences & Series  Normal Distributions
Financial Applications  Linear Regression
Derivatives and their Applications  Statistical Applications

Major Projects:  IB Internal Assessment

Methods of Assessment:
  Diagnostic (Pre-Tests)
  Formative (Classwork, Individual & Group Activities, Daily Review)
  Summative (Tests, Quizzes, Projects)

IB Statistics REMIND: Enter 81010 on your cell phone and text this message: @ibstat20 to join our class REMIND group.

Should a student withdraw from the IB program, elect not to take an examination, fail to complete any internal assessment for any IB course, the Extended Essay, CAS requirements or fail to meet the minimum unweighted cumulative GPA requirement of a 2.5, the student will be withdrawn from the program and a charge will be assessed to the student based on the fee schedule.
DeLand High School  
AP Statistics – Mrs. Proctor  
Course Syllabus  
2022-2023


Other Materials Needed: Graphics calculator, notebook section, paper, pencil

COURSE DESCRIPTION:
AP Statistics is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance behavior. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students use a TI-84 graphing calculator and Minitab statistical software to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

COURSE GOALS:
In AP Statistics, students are expected to learn
- To produce convincing oral and written statistical arguments, using appropriate terminology, in a variety of applied settings.
- When and how to use technology to aid them in solving statistical problems
- Essential techniques for producing data (surveys, experiments, observational studies), analyzing data (graphical & numerical summaries), modeling data (probability, random variables, sampling distributions), and drawing conclusions from data (inference procedures – confidence intervals and significance tests)
- To become critical consumers of published statistical results by heightening their awareness of ways in which statistics can be improperly used to mislead, confuse, or distort the truth.

COURSE TOPICS:
Exploring Data Normal Distributions
Examining Relationships Designing Studies
Probability Random Variables
Sampling Distributions Estimating
Testing a Claim Inference for 2 Populations
Chi-Square Procedures Inference for Regression

Methods of Assessment:
Diagnostic (Pre-Tests)
Formative (Classwork, Individual & Group Activities, Daily Review)
Summative (Tests, Quizzes, Projects)

AP Stat REMIND: Enter 81010 on your cell phone & text this message: @8c7ke3g to join our class REMIND group.
Materials Needed: Notebook section, paper, pencil

Course Objectives:
This course is designed to explore the concept of probability and elementary statistics. The content will include random experiments, probability concepts, permutations, combinations, and statistical applications. Students will learn essential techniques for producing data (surveys, experiments, observational studies), analyzing data (graphical & numerical summaries), modeling data (probability, random variables, sampling distributions), and drawing conclusions from data (inference procedures – confidence intervals and significance tests). Calculators and computers will serve as instructional tools in concept development.

Major Units/Topics/Themes:
• Descriptive Statistics
• Probability
• Random Variables
• Simulation and Design
• Statistical Inference

Methods of Assessment:
Diagnostic (Pre-Tests)
Formative (Classwork, Individual & Group Activities, Daily Review)
Summative (Tests, Quizzes, Projects)