**Probability, Statistics, and Trigonometry (PST) – Semester 1**

Mr. Scott Paa

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Welcome to Probability, Statistics, and Trigonometry – Semester 1! I am so excited that we get to work together this year! I hope we can have a very fun and productive year learning together.

**Important Dates**

September 16th – Ch. 1 Test

October 14th – Ch. 2 Test

November 4th – Ch. 3 Test

December 2nd – Ch. 4 Test

December 22nd – Ch. 7 Test

January 6th – Project #1 Due Date  
January 13th – Project #2 Due Date

January 19th and 20th – Semester 1 Final

**Topics Covered Throughout the Semester:**

-Trigonometric Functions

-Angle Relationships and Similar Triangles

-Acute Angles and Right Triangles

-Radian Measure and Circular Functions

-Graphs of Circular Functions

-Trigonometric Identities

-Law of Sines and Cosines

**Our class objectives are:**

-to improve all math skills necessary for future mathematics courses

-to prepare for both the MCA and ACT standardized tests

-to be actively involved in discussions by investigating selected math topics in groups, and then sharing the results with the entire class

**You are expected to bring to class each day:**

-pencil

-notebook and assignments

-scientific calculator **(CELLPHONES DO NOT COUNT)**

-student planner

**Grades will be calculated according to the following grading scale:**

98-100% A 82-84% C

94-97% A- 80-81% C-

92-93% B+ 78-79% D+

89-91% B 75-77% D

87-88% B- 0-74% F

85-86% C+

**Grading Breakdown:**

* Tests (35%)
* Quizzes (20%)
* Homework (15%)
* Projects (10%)
* Semester 1 Final (20%)

**Homework Policy:**

Homework will be worth 15% of the student’s final grade. Homework does not show what you know. Tests are the time to show that you have learned the material and understood it. Tests will follow the homework almost exactly, which means if you do the homework and understand it, you should do well on the test. Cheating on homework assignments will not be tolerated. Not asking for help is not the same as not receiving help. Students must ask questions and come in for help if they need assistance.

**Behavior and Participation:**

Active discussions and participation is a key aspect of mathematics. There isn’t always one concrete solution and solutions may contain errors. This means that students must respect each other and me during discussions. Conversation takes math from a boring, can’t wait to be done with it subject to an intriguing, fascinating subject. Please feel free to join in during a discussion.

**Website Information:** <http://dbmathpaa.weebly.com>

Weekly information will be posted on the website prior to the beginning of each week. This will include due dates, quizzes, and test dates. For extra assistance on assignments or questions about material discussed during class, there will be a link on my website where you can go and reserve a time to get help. This help opportunity will be before school starting at 7:45am and after school.

**Important Notes:**

**\*\*If a student misses a review day before a test but was previously informed about the test’s scheduled date, then the student is accountable for taking the test during the scheduled test day.**

**Cell Phone Policy:**

**\*\*Dawson-Boyd High School allows students the opportunity to use electronic devices between classes (texting only) and in the commons during lunch. However, in my classroom students will NOT be able to use their cellphones unless I instruct them to do so. Cell phones will not be allowed to be used as calculators because of misuse and cheating. Consequences will follow the same procedure as written in the handbook.**

If you have any questions, please contact me via email or at 507-276-4832 before 8:00 a.m. or after 3:00 p.m. any school day.

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We have read and understand the information stated above concerning our PST class.

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(Student Signature) (Parent/Guardian Signature)