

# syllabus 2015-2016

# precalculus

## mt si high school

### Evaluation

Course grade will be a weighted average of these categories:

Assessments*:	55%
Daily Work**:	30%
Final Exam:	15%

### Why take PreCalculus?

PreCalculus is a rigorous, college level, math class designed to prepare students for Calculus. Direct, authentic applications will be used to extend prior knowledge and add relevance to new content.

### General Course Topics

- 1: Functions and Their Graphs
- 2: Polynomial and Rational Functions
- 3: Exponential and Logarithmic Functions
- 4: Trigonometry
- 5: Analytic Trigonometry
- 6: Additional Topics in Trigonometry
- 9: Sequences, Series and Probability
- 10: Topics in Analytic Geometry Limits

### Textbook

*Precalculus (ninth edition)*  
by Ron Larson

### Instructors

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### Calculators

*Both graphing and scientific calculators are required. A TI-83+/84+ graphing calculator is recommended.*

### Grading Scale

We adhere to the standard Mt Si High School grading scale.

\* Up to 2 chapter tests per semester can be retaken within a week of handing back tests. Test corrections must be completed to retake a test. Retakes offer a maximum grade of 75%.

\*\* In case of excused absences, work due on the day of the absence is due the day a student returns to school. Students have 1 day for every day of the absence to turn in work that was assigned during the absence.

***No Extra Credit will be offered.***

### Grading

C: adequate work that meets all of the expected criteria

D: work that does not meet the basic criteria

B or A: work that exceeds the criteria and shows initiative

"A" students attend class regularly, turn in all work on-time, bring necessary materials to class, take thorough notes, manage time effectively, participate in class discussions, and consistently demonstrate mastery of the content.

### Tentative Pacing Guide for Precalculus

<i>September</i>	Complete and assess Chapter 1 Begin Chapter 2
<i>October</i>	Complete and assess Chapter 2 Begin Chapter 3
<i>November</i>	Complete and assess Chapter 3
<i>December</i>	Complete and assess Chapter 4
<i>January</i>	Begin Chapter 5 Semester Final
<i>February</i>	Continue Chapter 5
<i>March</i>	Complete and assess Chapter 6 Begin Chapter 9
<i>April</i>	Complete and assess Chapter 9 Begin Chapter 10
<i>May</i>	Complete and assess Chapter 10 Complete and assess Limits
<i>June</i>	Complete and assess additional sections as time allows Semester Final

Go to my website

[dexheimer.weebly.com](http://dexheimer.weebly.com)

if you:

- forgot what the assignment was today
- were absent and need to get the assignment
- lost your worksheet
- want to check your answers
- want to know the date of the next test or quiz