



Pre-Calculus Syllabus 2016-2017

Course: Pre-Calculus

This course will emphasize the study of polynomial, radical, exponential, logarithmic, and trigonometric functions. Functions, equations, and limits will be used as useful tools for expressing generalizations and as a means for analyzing and understanding a broad variety of mathematical relationships. Functions, as well as symbolic reasoning, will be used to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations.

Instructor: Kathy Cole

Email: kathleencole@misdmail.org
Phone: MHS Front Office 682-314-0100
Tutoring: 3:00 pm – 4:00 pm Monday and Wednesday

Materials: All students must have and bring the following materials to class everyday:

1. Paper, Pencil, Notebook paper and Ipad or Textbook.
 2. ***All work must be done in pencil.*** This includes assignments/homework, quizzes and tests. Points will be deducted for non-use of pencil.
 3. **Please send 1 box of tissues or hand sanitizer for classroom contribution.**
- * Calculator. The calculator recommended for this course is the TI-83 or TI-84. Graphing calculators will be used frequently in this course and will be extremely helpful to students. It is **highly suggested** the students have their own graphing calculator to use at home. Graphing calculators may be checked out from the MHS library. **Lack of a calculator will not be accepted as an excuse for not completing assignments.**

Text and Other Resources:

1. Textbook: Precalculus with Limits, 3e; Larson
2. Ebook Website: <http://login.cengage.com>
3. Online solutions/videos: www.larsonprecalculus.com or <http://www.calcchat.com/book.Precalculus-with-Limits-3e-T>

Attendance/Tardies:

It should be understood that the policies and procedures of the school and district will be strictly enforced, and that daily attendance will definitely have a positive impact on success in this class. Student will be counted absent if missing more than the required number of minutes stated in school policy. Please keep this in mind when scheduling appointments.

Academic Dishonesty:

Academic dishonesty will not be tolerated in this course. It should be understood that the policies and procedures of the school and district will be strictly enforced.

General Information:

- A. Parents and students will be able to access grades online through Skyward.
- B. Seating charts will be used for roll-taking purposes. Students are encouraged to consider hearing, vision, and attention needs when evaluating classroom placement.
- C. The teacher reserves the right to alter any guideline discussed in this document to accommodate individual students.

Academic Grades: Academic grades for each 6 weeks will be based on a percentage as outlined. Semester grades will include the average of the three 6 week grades (80%) plus a final exam (20%).

Daily Assignments/ Homework: 20% of grade

- A. Must be labeled with name, date, period, and section in the upper right-hand corner and **done in pencil**.
- B. **Students are responsible for checking their assignments and handing them in.**
- C. Assignments due during an absence are due upon return. Students who miss an assignment during an absence are given one additional day to complete the missing assignment. Students are responsible for determining what assignments were missed during an absence.
- D. Students should be aware that the assignments given in this course will require an average of 45 minutes between class sessions to complete.

Quizzes: 30% of grade

- A. Quizzes will be given in class throughout each chapter.
- B. Quizzes will assess individual student’s skills on lessons taught up to that point. Students must practice material daily to build their skills.
- C. Quizzes **cannot** be redone.

Tests: 50% of grade

- A. Tests will be given at the completion of each unit. **TEST MUST BE IN DONE IN PENCIL ONLY.**
 - B. Tests may consist of part calculator and part no calculator.
 - C. Please refer to the course schedule below to approximate test dates. You should expect two tests each 6 weeks.
 - D. **Students who are absent on review day are still expected to take the test on the day it is given.**
 - E. Students who are absent on the test day will be given two days OUTSIDE OF CLASS TIME to make up the test. If a test is not made up within 2 days, a score of 0 will be given.
 - F. Students with multiple absences during a chapter are responsible for making arrangements with the instructor.
 - G. Retakes: Students earning below 70% may retake the entire exam earning the grade on the retake up to 70% credit.
- **Students will have one week to complete this process and it is recommended that tutorials are attended for re-teaching. ALL RETESTS must be done OUTSIDE OF CLASS TIME.

Course Calendar/Schedule:

It should be known that this course calendar/schedule should be used as a guideline for the year. **Adjustments will be made at the discretion of the instructor.** Each 6 week period is approximately 14 class days. Students should expect to take a test every 2-3 weeks. Tests will be announced about a week in advance with ample time allowed to review material being tested. Be aware that previous material tested can be included on later exams.

| Six Weeks | First Test Material | Second Test Material |
|-----------------|-----------------------------------|-----------------------|
| 1 st | Ch. 1.1-1.5 | Ch. 1.6-1.9 |
| 2 nd | Ch. 2.1 – 2.5 | Ch. 2.6, Appendix A.4 |
| 3 rd | Ch. 3.1 – 3.4 | Ch. 4.3,4.8 |
| 4 th | Ch. 4.1,4.2,4.4-4.7 | Ch. 5.1 – 5.4 |
| 5 th | Ch. 6.1 – 6.3 | Ch. 9.1 – 9.3, 9.5 |
| 6 th | Ch. 10.2-10.4, conic applications | Ch. 10.6-10.8 |

*****Fall exams will be given before Christmas break.**

PARENT/ GUARDIAN:

Please print and sign this form and return it to the teacher. Keep the rest of the syllabus as your reference.

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| PreCalculus | | Kathleen Cole | 2016-2017 |
| _____ | _____ | _____ | _____ |
| Class | Period | Teacher | Year |

I have thoroughly reviewed the disclosure statement for the above listed teacher and class. I am aware of and will support the academic grading standards, requested materials, and the classroom policies and expectations as described. I am keeping the descriptive portion of the statement for future reference.

| | | |
|----------------------|---------------------|-------|
| _____ | _____ | _____ |
| Student Printed Name | Parent Printed Name | Date |

| | | |
|-------------------|------------------|----------------------|
| _____ | _____ | _____ |
| Student Signature | Parent Signature | Parent Email address |