

Essential for College Math

COURSE SYLLABUS

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I. Description

This course emphasizes an understanding of math concepts, as opposed to memorizing facts. Math Ready students learn the context behind procedures and come to understand why to use a certain formula or method to solve a problem. By engaging students in real-world applications, this course develops critical thinking skills that students will use in college and careers.

The course consists of eight units: algebraic expressions, equations, measurement and proportional reasoning, linear functions, systems of linear equations, quadratic functions, exponential functions, and statistics.

II. Expectations and Goals

1. Be on time.
2. Sit in your assigned seat and do not get up without permission.
3. Always keep mask above your nose.
4. Dress appropriately following the district dress code.
5. Respect yourself and others.
6. Have materials ready during lessons (computer fully charged.)
7. Refrain from using cell phones during class time.

II. CLASSROOM PROCEDURES

1. Attendance will be taken each class.
2. Students are required to wear mask above their nose at all times.
3. Students should come into the class quietly and seat down immediately.
4. Student will complete the bell ringer and submit it on the computer.
5. Students are permitted to take notes but all assignments must be turned into Canvas.

III. College and Career Readiness Standards
In an effort to closely align instruction for students who are progressing toward postsecondary study and the workforce, the 2016 Mississippi College- and Career-Readiness Standards include grade- and course-specific standards for K-12 mathematics.

The primary purpose of this document is to provide a basis for curriculum development for Grades K-12 teachers, outlining what students should know and be able to do by the end of each grade level and course. Courses for grades K-12 are based on the Mississippi College- and Career-Readiness Standards (MS CCRS).

Course Materials

IV. MATERIALS NEEDED

- Notebook for taking notes
- Computer fully charged
- Pencil/pen
- Mask

V. GRADING

The following numerical values shall be used in determining letter grades:

100 – 90	A	(Excellent)
89 – 80	B	(Above Average)
79 – 70	C	(Average)
69 – 60	D	(Below Average)
59 – below	F	(Failure)

Grade Categories:

Test /Project 50% Daily Grade (CW, Quiz) 40% Class Discussions 10%

Required Text

- No textbooks will be issued for this class. YouTube videos, educational links and attachments will be posted as resources to complete assignments.

- TUTORIAL is available upon request. Tutorial/Remediation can be used to make up test or retest on failed objectives up to a 75. No tests can be made up during class time.
- Please complete assignments on or before the due date.

Course Schedule

<u>Week</u>	<u>Topic</u>	<u>Reading</u>	<u>Exercises</u>
Week 1 & 2	Numbers and Estimation Expressions	SREB	Week 1 & 2
Week 3 & 4	Distributive Property Formative Assessment Lesson: Interpreting Algebraic Expressions	SREB	Week 3 & 4
Week 5 & 6	Equations Formative Assessment Lesson: Sorting Equations and Identities	SREB	Week 5 & 6
Week 7 & 8	Restructuring Equations Inequalities	SREB	Week 7 & 8
Week 9 & 10	Number Sense and Units Number Sense and Proportions Number Sense and Scaling	SREB	Week 9 & 10
Week 11 & 12	Optional Project Lesson: Maximizing Area and Perimeter Coordinate Connections	SREB	Week 11 & 12
Week 13	Formative Assessment Lesson: Evaluating Statements About Enlargements (2D & 3D)	SREB	Week 13

Grading Scale

A (excellent) = 100-90

B (above average) = 89-80

C (average) = 79-70

D (below average) = 69-60

F (failure) = 59 and below

For more details, visit the JPS Code of Student Conduct and Handbook at

https://www.jackson.k12.ms.us/cms/lib/MS01910533/Centricity/Domain/93/PDFs/student_handbook.pdf

Attendance

Students are expected to attend class at the assigned time. All students should have daily

Bell Schedule for High School See attachment