Transitional Algebra 1- Syllabus
Mansfield High School 2016-2017

Teachers: Ms. McKuin
School Website: www.mansfieldisd.org/schools/mansfield
Phone: (682) 314-0100

Transitional Algebra I

This course has been designed to help strengthen Pre-Algebra skill in the first six weeks. In the next twelve weeks this course will emphasize the study of linear functions. Student will use functions to represent, model, analyze, and interpret relationships in problem situations. Topics include graphing, solving equations and inequalities, and systems of linear equations. Quadratic, Exponential, and nonlinear functions will be introduced as well. The class will meet every day for the first semester and then they will meet every other day the second semester.

Textbook and Supplementary Resources

Students will have an electronic textbook that MUST be accessed through their district issued IPAD **OR** their own device they choose to bring. The Textbook is Big Ideas Math, Algebra 1 by Larson and Boswell

website address: bigideas.com **username and password** will be set up individually in class

Behavior Expectations

Be Prepared
Be Polite
Be Punctual
Be Productive

Class Supplies & Materials

Must be brought to class DAILY

- Paper (2-subject spiral or composition book)
- Folder or Binder
- Pencils and Red Pens
- A fully charged IPAD *DAILY*

Choose 1 to be left in room

- Large Box of Tissues **OR**
- 1 package of #2 pencils **OR**
- 4-pack AAA batteries

Recommended

- headphones/earbuds
- Graphing Calculator *(TI-84+)**

** It is highly recommended that students have their own calculator. However, there are graphing calculators available for in-class use only. Each student will assume full responsibility for their borrowed calculator during class time. If the calculator is damaged in any way, that student (and parent/guardian) will be required to replace the calculator. The cost for a TI-84+ is approximately $110.*

Teacher Information: If you have any questions or concerns you may call the school at 682-314-0100 school phone number, leave a message and it will be returned as soon as possible. Or send an email, and it will be answered as quickly as possible.

Algebra Teacher	Room #	Email Address	Conference Period	Tutorials
Brianna McKuin	W11	BriannaMckuin@misdmail.org	3rd (A-day) 11:45-12:30	Tuesday & Friday 6:50-7:15am
Michelle Dudley	W8	MichelleDudley@misdmail.org	4th (A-day) 1:25- 8:55	Monday & Wednesday 2:55-3:45pm
Jennifer Faulkner	U4	JenniferFaulkner@misdmail.org	3rd (A-day) 11:45-12:30	Monday & Wednesday 2:55-3:25pm
Josh Kavanagh	U6	JoshuaKavanagh@misdmail.org	1st (A-day) 7:25-8:55	Monday & Thursday 2:55-3:30pm
* Tutoring is ALSO available during Advisory or Math Lab(Lunch) but they must obtain an Algebra teacher provided pass.				

Grade Distribution

6-week grades

Test/Project – 50%
Quiz - 30%
Daily work – 20%
2 tests will be administered each 6wks

Semester grades

1st six weeks – 26%
2nd six weeks – 27%
3rd six weeks – 27%
Semester exam – 20%

Skyward – Students are encouraged to stay on top of their grades. With the iPad, students can easily access the online grade book through the Skyward Student Access app and they are expected to do so *DAILY*.

Academic Honesty Although peer-tutoring is permitted and encouraged for in-class assignments, students are expected to work together rather than copy work from each other. ***Cheating is not tolerated***. Copying answers from another student is cheating. Allowing another student copy your answers is also considered cheating. Students caught cheating will earn a grade of 0 on that assignment/quiz/test with no opportunity for make-up work to replace the grade.

iPad/Technology Ettiquette The use of iPads & other electronic devices during class time is for instructional use only (per AUP & BYOD agreement). Devices need to be out of sight when not in use.

Tardies Students should be prepared to begin class as soon as the bell rings. A student, who is outside of the classroom when the tardy bell rings, is tardy. All tardies for the school are cumulative and handled by the administrator per campus policy, see district handbook.

Absences & Missed Work A student is absent if he/she misses over ten minutes of class. It is the student's responsibility to obtain and complete make-up work from absences. ***All make-up tests and quizzes must be completed outside of class time, not during class*.** See the tutorial schedule. You must let me know in advance if you are coming in to make up a missed assignment/quiz/test. Afterschool time for make-up tests may be extended as needed.

Late Work & Re-tests Late work will only be accepted ***up to 1 day*** late with a 30 point penalty being assessed and will NOT be accepted after the 1 day allowance. A student earning a test grade below 70% may request a re-test, given that they also come in for a tutorial session to review their original test. Retests are offered afterschool during a ***1-week window*** after the original test grades are posted. The maximum possible grade for retests is a 70.

Tutoring availability Algebra tutoring is offered daily, and students can visit any algebra teacher that is open for tutoring that day. See teacher list for names and room numbers.

1st Semester Algebra I topics (Everyday)

1st 6 weeks: Pre-Algebra
Unit 1: Integer Operations & Properties
Unit 2 : Introduction to Solving Equations
Unit 3: Square Roots & Pythagorean Theorem
Unit 4: Function Unit

2nd 6 weeks: Equations & Linear Functions
Chapter 1: Solving Equations
Chapter 2 : Solving Inequalities & Literal Equations
Chapter 3: Linear Functions And Graphing

3rd 6 weeks: Linear Functions & Systems
Chapter 4: Writing equations of Linear Functions
Chapter 5.1-5.4: Solving Systems of Equations
Chapter 5.5-5.7: Systems of Linear Inequalities

DECEMBER 13-16 Semester review & exam

2nd Semester Algebra I (Every Other Day)

4th 6 weeks: Linear & Quadratic Functions
Chapter 6: Exponents & Exponential Functions
Chapter 7.1-7.5: Polynomials

5th 6 weeks: Quadratic & Other Non-linear Functions
Chapter 7.5-7.8: Factoring Polynomials
Chapter 8: Graphing Quadratic Functions

6th 6 weeks: Non-linear Functions & Geometry prep
Chapter 9.1-9.3: Solving Quadratic Functions
Chapter 9.4-9.5: Solving Quadratic Functions

May: ALGEBRA 1 End-of-Course exam (May 1-5)
May 26 -June 1: Final review & exam