Rapid City
Central High School

Transition to College Mathematics

Course Description: This course will aid in the retention of math skills for later college or career level work. Topics covered in this course are designed to strengthen and review algebraic reasoning. Students will study problem solving strategies, set theory, real number systems, and linear and quadratic functions.

Attendance: Students are required to be in school every day. Students are responsible for communicating with their teachers to make up missed learning.

Essential Skills: Skill #1 Create Mathematical Representations Skill #2 Simplify, Solve, & Evaluate Skill #3 Analyze & Interpret.

Course Expectations: Although not everything is graded, everything is important. In order to demonstrate growth and learning, students will need to:

1. Participate in class activities (take notes, work in a group, complete in class tasks, ask questions) without distractions (cell phones, games, etc.)
2. Use morning time and the teacher to seek help outside of class when needed.
3. Complete all assessments within teacher timelines.
4. Work with classmates to problem solve and reason with new ideas.

Grading

Learning (Practice) includes instructional activities in and outside of class and are not used in grade determination.

Skyward Assessment (Grades) may include quizzes, labs, learning checks, tests, speeches, performances, and projects.

Final Grade	
A	100% - 90%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

Calculations:

Final Grade Calculation	
Cumulative Grade	**95%**
Final Exam(s)	**5%**

Last Revised: 8/3/2022

Central High School Courses:

-Will determine grades based on student performance and growth.
-Will not include practice and behavior in grade determination.
-Will give all students regardless of absence an opportunity to demonstrate learning.
-Will not include extra credit.

Instructional Resources: [Canvas, MathXL, student.desmos.com, Kahoot, Blooket, Khan Academy resources.]

Course Calendar/Pacing:

August/September

21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

October

25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

November

30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

December

4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

May

30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

Course Units/Chapters			
Unit 1: Systems of Equations & Inequalities (31)	Unit 2: Quadratic Equations (23)	Unit 3: Exponents & Logarithms (15)	Unit 4: Rational Functions (12)
Final Exams		No School	