



Course Name	Integrated Mathematics 2		
Course Description	In Integrated Math 2, students will study quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures.		
Unit of Study	Content Standards Covered	Approximate Time Spent	Target Date of Assessment
Unit 1 – Functions and Exponents	Patterns, Functions, and Algebraic Structures	2 weeks	1 st Semester
Unit 2 – Polynomial Equations and Factoring	Patterns, Functions, and Algebraic Structures	3 weeks	1 st Semester
Unit 3 – Graphing and Solving Quadratics	Patterns, Functions, and Algebraic Structures	3 weeks	1 st Semester
Unit 4 – Quadratic Relationships Including Complex Solutions	Patterns, Functions, and Algebraic Structures	3 weeks	1 st Semester
Unit 5 – Probability	Data Analysis, Statistics, and Probability	2 weeks	1 st Semester
Unit 1 – Relationships within Triangles	Shape, Dimension, and Geometric Relationships	3 weeks	2 nd Semester
Unit 2 – Quadrilaterals and other Polygons	Shape, Dimension, and Geometric Relationships	2 weeks	2 nd Semester
Unit 3 – Similarity	Shape, Dimension, and Geometric Relationships	2 weeks	2 nd Semester
Unit 4 – Right Triangles and Trigonometry	Shape, Dimension, and Geometric Relationships	2 weeks	2 nd Semester
Unit 5 – Circles	Shape, Dimension, and Geometric Relationships	3 weeks	2 nd Semester

Practice Proficiency Levels	
4	Advanced Understanding of the Standard
3	Meets the Standard
2	Approaches the Standard
1	Does not Meet the Standard
0	Failure to display enough knowledge to warrant a score

Course Grade Scale	
A	89.5 - 100
B	79.5 – 89.4
C	69.5 – 79.4
D	59.5 – 69.4
F	0 – 59.4

Grade Reporting Criteria	Weights- Semester 1	Weights- Semester 2
GRC #1: Patterns, Functions and Algebraic Structures	58%	0%
GRC #2: Data Analysis, Statistics and Probability	12%	0%
GRC #3: Shape Dimension and Geometric Relationships	0%	70%
GRC #4: Mathematics Communication	10%	10%
GRC #5: Procedural Fluency	10%	10%
GRC #6: Practice	10%	10%
Grades are based on achievement of Content Standards and Grade Level Expectations. *Weekly progress grades are posted at https://ic.adasm12.org/campus/portal/adams12.isp		



General Expectations

- Grades are based upon the demonstration of proficiency on units associated within specific grade reporting criteria.
- Assessment: Assessments are a means to determine a student's mastery and understanding of information, skills, concepts, or processes.
- Practice: Practice includes opportunities for students to receive clear, specific, and timely feedback as they are developing knowledge and skills, prior to Assessments. Practice may be scored as satisfactory (S) Incomplete (I) , unsatisfactory (U) or Missing (M) .
- Assessments will be graded based on teacher/district/state rubrics.
- Procedural Fluency: Is a measurement of the basic skills necessary for success in this class.

Class Expectations

Missing or incomplete assignments/assessments for this course: Superintendent Policies 6280 Homework and 6281 Make-Up Work will be followed for this course. They state that it is the student's responsibility to request and obtain missing work. When a student has an excused absence, the student has the same number of days they were absent plus one day to make up assignments. Students who are unexcused may not be able to receive feedback from Practice prior to required Assessments.

Late Work: In order to promote lifelong learning skills, late work will not be accepted for credit past the unit Assessment.

Plagiarism/Cheating: Plagiarism means to present, as one's own, the work, writing, words, ideas, or computer information of someone else. These sources could be either published or unpublished. Cheating is supplying, receiving or using inappropriate devices to improve performance on a test or assessment. Students who engage in plagiarism or cheating will be disciplined according to the school discipline matrix.

Students are held to the Academic Integrity Policy for Mountain Range High School.