



Mountain Range High School  
 12500 Huron Street • Westminster, CO 80234  
 Office: (720) 972-6300 • Fax: (720) 972-6529  
<http://www.mountainrange.adams12.org>



<b>Course Name</b>		<b>Contemporary Math 1</b>	
<b>Course Description</b>		Contemporary Mathematics 1 begins the integrated development of high school mathematics along the interwoven strands of algebra, functions, geometry, trigonometry, statistics and probability. Focused units of study connect these strands through an emphasis on data collection, multiple-representations, interpretation and prediction in an active and collaborative setting. Students will be able to use and apply mathematical concepts and skills involving: data analysis, linear relations, exponential relations, quadratics, and geometric measurement.	
<b>Unit of Study</b>	<b>Content Standards Covered</b>	<b>Approximate Time Spent</b>	<b>Targeted Date of Assessment</b>
<u>Unit 1</u> – Linear Functions	Patterns, Functions and Algebraic Structures	Approx. six weeks	1 <sup>st</sup> Semester
<u>Unit 2</u> – Exponential Functions	Patterns, Functions and Algebraic Structures	Approx. six weeks	1 <sup>st</sup> Semester
<u>Unit 3</u> – Patterns in Data	Data Analysis, Statistics and Probability	Approx. five weeks	1 <sup>st</sup> Semester
<u>Unit 4</u> – Quadratic Functions	Patterns, Functions and Algebraic Structures	Approx. six weeks	2 <sup>nd</sup> Semester
<u>Unit 5</u> – Regression & Correlation	Patterns, Functions and Algebraic Structures	Approx. four weeks	2 <sup>nd</sup> Semester
<u>Unit 6</u> – Geometric Properties	Shape Dimension and Geometric Relationships	Approx. five weeks	2 <sup>nd</sup> Semester

<b>Assessment/Practice Proficiency Levels</b>	
<b>4</b>	Advanced Understanding of the Standard
<b>3</b>	Meets the Standard
<b>2</b>	Approaches the Standard
<b>1</b>	Does not Meet the Standard

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

<b>Grade Reporting Criteria</b>	<b>Weights</b>	
	<b>Semester 1</b>	<b>Semester 2</b>
<b>Patterns, Functions and Algebraic Structures</b>	<b>50%</b>	<b>40%</b>
<b>Data Analysis, Statistics and Probability</b>	<b>20%</b>	<b>0%</b>
<b>Shape Dimension and Geometric Relationships</b>	<b>0%</b>	<b>30%</b>
<b>Mathematics Communication</b>	<b>10%</b>	<b>10%</b>
<b>Procedural Fluency</b>	<b>10%</b>	<b>10%</b>
<b>Practice</b>	<b>10%</b>	<b>10%</b>

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>



**Mountain Range High School**  
12500 Huron Street • Westminster, CO 80234  
Office: (720) 972-6300 • Fax: (720) 972-6529  
<http://www.mountainrange.adams12.org>



### **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.