



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



School Year	2020-2021	Teacher Name	Tay D. Fulcher	
Office	North office	Website	https://sites.google.com/a/adams12.org/webpage-tay/	
Phone	720-972-6384	Room	A-205	
Email Address	tay.d.fulcher@adams12.org			
Course Name		Discrete mathematics		
Course Description		Discrete Math will be a combination of several non-calculus math courses. It will comprise college Algebra, Geometry, and Probability & Statistics.		
Unit of Study	Content Standards/Grade Level Expectations		Approximate Time Spent or Percent of time Spent	Targeted Date of Assessment
Algebra	<ul style="list-style-type: none"> Use critical thinking to recognize problematic aspects of situations, create mathematical models, and present and defend solutions Are fluent with basic numerical and symbolic facts and algorithms, and are able to select and use appropriate (mental math, paper and pencil, and technology) methods based on an understanding of their efficiency, precision, and transparency 		25%	Multiple Occasions Quarter 1
Geometry	<ul style="list-style-type: none"> Understand that equivalence is a foundation of mathematics represented in numbers, shapes, measures, expressions, and equations Apply transformation to numbers, shapes, functional representations, and data Make geometric constructions Concepts of similarity are foundational to geometry and its applications Make claims about relationships among numbers, shapes, symbols, and data and defend those claims by relying on the properties that are the structure of mathematics Use critical thinking to recognize problematic aspects of situations, create mathematical models, and present and defend solutions 		50%	Multiple Occasions Quarter 2 and 3
Probability & Statistics	<ul style="list-style-type: none"> Make sound predictions and generalizations based on patterns and relationships that arise from numbers, shapes, symbols, and data Solve problems and make decisions that depend on understanding, explaining, and quantifying the variability in data Recognize and make sense of the many ways that variability, chance, and randomness appear in a variety of contexts 		25%	Multiple Occasions Quarter 4



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

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		
Algebra	20%	10%
Geometry	50%	50%
Probability and statistics	0%	10%
Procedural Fluency	10%	10%
Communication	10%	10%
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
<ul style="list-style-type: none"> Grades are based upon the demonstration of proficiency on units associated within specific grade reporting criteria. Assessment: 100% Assessments are a means to determine a student’s mastery and understanding of information, skills, concepts, or processes. Practice: 0% Practice includes opportunities for students to receive clear, specific, and timely feedback as they are developing knowledge and skills, prior to Assessments. Assessments will be graded based on teacher/district/state rubrics.
Class Expectations
<p>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.</p>