

## Math 499S Syllabus

Aaron Montgomery  
Office: BOUI 108  
Phone: x1906  
Email: montgoaa@cwu.edu  
Office Hours: By appointment

**Text:** We will be reading selections from a number of texts. You may want to purchase a copy of **The Mathematical Tourist** by Ivars Peterson. There are a number of different versions of this book, but I believe that any version will be acceptable. I may also supply copies of other materials where appropriate.

**Objectives:** This class provides an overview of mathematics so that students can reflect on what they have learned as a Mathematics Major. We will discuss a wide variety of mathematical subjects.

**Grading:** You will be required to complete the following assignments:

- Paper on “Applications of Mathematics” (20%)
- Paper on “What is Mathematics?” (20%)
- Paper summarizing a mathematical article (20%)
- Presentation summarizing a mathematical article (20%)
- Portfolio demonstrating various types of proof techniques (20%)

I will provide you with grading rubric for these items when I assign them.

**Deadlines:** The three papers should be completed according to the timeline in the table below. The portfolio needs to be completed by the end of finals week (March 20) and we will do presentations during the last week of classes (March 9 – March 13)

	<b>Jan 15</b>	<b>Feb 1</b>	<b>Feb 15</b>	<b>Mar 1</b>	<b>Mar 15</b>
Applications	Topic	Draft	Final		
What is Math?				Draft	Final
Summary		Topic	Draft	Final	

**Disability Support:** Students who have special needs or disabilities that may affect their ability to access information or material presented in this course should contact the CWU Director of Disability Support Services at 509-963-2171, TDD 963-2143 for appropriate accommodation.