

Instructor**Name:** Aaron Montgomery**Office:** Bouillon 107 F**Office Hours:** M-F 11:00 and by appointment**Office Phone:** x1906**Web Site:** webwork.math.cwu.edu/~montgomery**E Mail:** montgoaa@cwu.edu**Text**

There is no text required for this course. However, students who are interested in the subject may wish to purchase or download a text. I will go over various available texts on the first day of class.

Course Description & Goals

This course presents the topics of differential geometry focusing on curves in two- and three-space with an introduction to surfaces through the introduction of the concept of Gaussian curvature. Along with the work in differential geometry, students will learn some basic skills in *Mathematica*. Specific student outcomes are available upon request.

Grades

Homework and labs will be assigned throughout class with variable point values (usually 2 points per problem). Final grades will be based on the percentage of possible points earned using the following scale:

97% → A+	93% → A	90% → A-
87% → B+	83% → B	80% → B-
77% → C+	73% → C	70% → C-
67% → D+	63% → D	60% → D-

ADA Statement

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.