

# Math 533: Topics in Euclidean Geometry

A study of incidence geometry; distance and congruence; separation; angular measure, congruences between triangles; inequalities; parallel postulate; similarities between triangles; circles area.

#### 3 Credits

# Prerequisites

- Math 305: Foundations of Mathematics (Minimum grade: C)
- Prerequiste: Junior standing (60 hr).

# Instruction Type(s)

- Lecture: Lecture for Math 533
- Lecture: Compressed Video for Math 533
- Lecture: Teacher Workshop for Math 533

## **Subject Areas**

<u>Geometry/Geometric Analysis</u>

## **Related Areas**

- <u>Algebra and Number Theory</u>
- Analysis and Functional Analysis
- Mathematics, General
- <u>Topology and Foundations</u>

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