

# Math 533: Topics in Euclidean Geometry

## Mathematics

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)
- Prerequisite: Junior standing (60 hr).

### Instruction Type(s)

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

### Subject Areas

- [Geometry/Geometric Analysis](#)

### Related Areas

- [Algebra and Number Theory](#)
- [Analysis and Functional Analysis](#)
- [Mathematics, General](#)
- [Topology and Foundations](#)

