

Syllabus & Course Information

Introduction MATH 330: TOPICS IN GEOMETRY is a course designed to introduce mathematics majors to geometry beyond their high school geometry experience, as well as to provide a basis for teaching high-school geometry for pre-service

secondary mathematics teachers. This semester the course will focus on Euclidean geometry, and only secondarily on other geometries, such as finite geometries and neutral and hyperbolic geometry. For the purpose of reaching the more advanced results quickly we will use the School Mathematics Study Group (MSG) axioms for the Euclidean part of the course. We shall use *Geometer's Sketchpad* as a resource.

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Secretary:	Mrs S. Swank, D328B, 321 . 4009

Organization The course will be organized in seminar format, except for three tests and a final examination. All students will be expected to carry their load for the seminar, which is to present to the class, and build up a repository of results which we will use as common resource.

Grade The course grade will be computed as follows. Tests: 60%, Classwork & Boardwork: 20%, Final Examination: 20%. 90% and higher will earn at least an A, 80% and higher, at least a B, 70% and higher, at least a C, 60% and higher, at least a D.

Test Calendar Tests will be held approximately every three weeks, beginning around Sept 20th.