

## Dr. Sarah's MAT 3610 Introduction to Geometry Tentative Calendar

While most items have strict deadlines, there is flexibility built in and multiple pathways for success—reflections and videos have multiple chances to succeed and projects and worksheets can be completed ahead plus the lowest is dropped. Attempt videos for completion and take video notes by the listed date when possible as the material builds on itself. Some days are lighter than others and it will help you to progress on upcoming activities in advance, especially major assignments.

	Class Monday	Between Classes (by 1pm Wednesday)	Class Wednesday	Between Classes (by 1pm Monday)
1/10– 1/12	active learning worksheet	-axiomatic systems & constructions 1 interactive video -3610 interactive video -turn in worksheet -add ASULearn profile pic -Zoom update & profile pic	learning goals worksheet	-axiomatic systems & constructions 2 interactive video -begin Project 1 -get to know posting -turn in worksheet -obtain rental book
1/19	State Holiday		axiomatic systems & constructions 1 worksheet	- <b>Project 1</b> -read the syllabus -turn in worksheet
1/24– 1/26	axiomatic systems & constructions 2 worksheet	-congruence & similarity 1 interactive video -select topic for Project 2 -turn in worksheet	congruence & similarity 1 worksheet	-congruence & similarity 2 interactive video -turn in worksheet
1/31– 2/2	congruence & similarity 2 worksheet	- <b>Project 2</b> -turn in worksheet	<b>Project 2 elevator pitch presentations on Euclidean perspectives</b>	-Euclidean and spherical perspectives interactive video -begin Reflection 1
2/7– 2/9	spherical perspectives worksheet	- <b>Reflection 1</b> -turn in worksheet	spherical angle sum and AAA worksheet	- <b>peer review Reflection 1</b> -turn in worksheet
2/14– 2/16	Pythagorean theorem 1 worksheet	- <b>Project 3</b> -turn in worksheet	Pythagorean theorem 2 worksheet	-Pythagorean theorem interactive video -select topic for Project 4 -turn in worksheet
2/21– 2/23	research guide for Project 4	-analytic geometry and metric perspectives interactive video - <b>read Reflection 1 feedback</b>	analytic geometry and metric perspectives 1 worksheet	-prepare for Project 4 presentations and bring print-out to tape up -turn in worksheet
2/28– 3/2	<b>Project 4 presentations</b> part 1	- <b>revise (if needed) and turn in Project 4</b>	<b>Project 4 presentations</b> part 2	-turn in <b>Project 4 peer review and self-evaluation</b>
3/14– 3/16	analytic geometry and metric perspectives 2 worksheet	- <b>revision on Reflection 1 (if needed)</b> -turn in worksheet	polyhedra worksheet	-polyhedra and angle defect interactive video - <b>Reflection 2</b> -turn in worksheet
3/21– 3/23	measurement worksheet	-measurements and angle sum interactive video -turn in worksheet	earth & universe measurements and shape worksheet	- <b>Project 5</b> -turn in worksheet
3/28– 3/30	proof worksheet	-begin final assessment guide -turn in worksheet	equidistant water reservoir worksheet	- <b>Reflection 3</b> -turn in worksheet
4/4– 4/6	hyperbolic 1 worksheet	-parallels 1 interactive video -turn in worksheet	hyperbolic 2 worksheet	- <b>Reflection 4</b> -parallels 2 interactive video -turn in worksheet
4/11– 4/13	hyperbolic 3 worksheet	-parallels 3 interactive video -turn in worksheet	hyperbolic 4 worksheet	- <b>Project 6</b> -turn in worksheet
4/18– 4/20	Desargues' theorem 1 worksheet	-projective geometry interactive video -turn in worksheet	Desargues' theorem 2 worksheet	-survey & evals -turn in worksheet
4/25– 4/27	reflections on geometry worksheet	- <b>Reflection 5 (if needed)</b> -turn in worksheet	concluding activities	-prepare for final assessment
5/4	<b>11–1:30 timed assessment during assigned time at finals—video notes due + individual and group components</b>			