

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

	Class Monday	Between Classes (by 1:55pm Wednesday)	Class Wednesday	Between Classes (by 1:55pm Monday)
1/13– 1/15	active learning worksheet	-axiomatic systems and constructions 1 interactive video -3610 intro interactive video -turn in worksheet -obtain rental book -read the syllabus -add ASULearn profile pic -Zoom update & profile pic	learning goals worksheet t-shirt Wed	-axiomatic systems and constructions 2 interactive video -IGS intro interactive video <a href="#">-begin Project 1</a> -turn in worksheet -get to know posting
1/22	university break		axiomatic systems and constructions 1 worksheet t-shirt Wed	<a href="#">-Project 1</a> -turn in worksheet
1/27– 1/29	axiomatic systems and constructions 2 worksheet	-congruence and similarity 1 interactive video <a href="#">-select topic for Project 2 and begin working on it</a> -turn in worksheet	congruence and similarity 1 worksheet t-shirt Wed	-congruence and similarity 2 interactive video -turn in worksheet -review and reflect on axiomatic systems and constructions
2/3– 2/5	congruence and similarity 2 worksheet	<a href="#">-Project 2</a> -turn in worksheet	<a href="#">Project 2 elevator pitch on Euclidean items</a> t-shirt Wed	-Euclidean and spherical perspectives interactive video <a href="#">-begin Reflection 1</a>
2/10– 2/12	spherical perspectives worksheet	<a href="#">-Reflection 1</a> <a href="#">-begin Project 3</a> -turn in worksheet	spherical angle sum and AAA worksheet t-shirt Wed	<a href="#">-peer review Reflection 1</a> -turn in worksheet
2/17– 2/19	Pythagorean theorem 1 worksheet	<a href="#">-Project 3</a> -turn in worksheet	Pythagorean theorem 2 worksheet t-shirt Wed	-Pythagorean theorem interactive video <a href="#">-select topic for Project 4</a> -turn in worksheet -review and reflect on congruence and similarity
2/24– 2/26	research guide for Project 4	-analytic geometry and metric perspectives interactive video <a href="#">-read Reflection 1 feedback</a>	analytic geometry and metric perspectives 1 worksheet t-shirt Wed	-prepare for Project 4 presentations and bring printout to tape up -turn in worksheet
3/3– 3/5	<a href="#">Project 4 presentations part 1 in Boone</a>	<a href="#">-revise (if needed) and turn in Project 4</a>	<a href="#">Project 4 presentations part 2 in Boone</a> t-shirt Wed	<a href="#">-turn in Project 4 peer review and self-evaluation</a>
3/17– 3/19	analytic geometry and metric perspectives 2	<a href="#">-Reflection 1 revision (if needed)</a> <a href="#">-begin Project 5</a> -turn in worksheet	polyhedra worksheet t-shirt Wed	-polyhedra and angle defect interactive video -turn in worksheet
3/24– 3/26	measurement worksheet	-measurements and angle sum interactive video -turn in worksheet	earth and universe measurements worksheet t-shirt Wed	<a href="#">-Project 5</a> -turn in worksheet

3/31– 4/2	equidistant wa- ter reservoir worksheet	-turn in worksheet -review and reflect on polyhedra, analytic/metric perspectives and the Pythagorean theorem	proof worksheet t-shirt Wed	- <a href="#">Reflection 2</a> -turn in worksheet
4/7– 4/9	hyperbolic 1 worksheet	-parallels 1 interactive video - <a href="#">begin Project 6</a> -turn in worksheet	hyperbolic 2 worksheet t-shirt Wed	-parallels 2 interactive video - <a href="#">Reflection 2 revision (if needed)</a> -turn in worksheet
4/14– 4/16	hyperbolic 3 worksheet	-parallels 3 interactive video -turn in worksheet -review and reflect on measure- ments and parallelism	hyperbolic 4 worksheet t-shirt Wed	- <a href="#">Project 6</a> -turn in worksheet
4/21– 4/23	Desargues' theo- rem worksheet	-projective geometry interactive video - <a href="#">Reflection 3</a> -turn in worksheet	reflections on geometry work- sheet t-shirt Wed	-survey and evaluations -turn in worksheet -begin final assessment guide
4/28– 4/30	review activities	- <a href="#">Reflection 3 revision (if needed)</a>	concluding ac- tivities t-shirt Wed	-prepare for final assessment -prepare to turn in video notes
5/2	<a href="#">timed assessment during assigned time at finals 2-4:30—video notes due + individual and group components</a>			
5/7 2pm	(optional) revise and reflect on one project to replace its grade (optional, if needed) revise and reflect on one reflection to replace its completion status			

## 3610 FAQ and Engagement—Optimize your Success and Understanding!

- Where can I find in-class and out-of-class activities?

On our ASULearn! The sections organized by due dates have completion activities and the "in-class items, video slides and more" link in the top section of ASULearn on need help?/course info has in-class worksheets and more. Turn all items to Done by their due date. Major assignments, including projects and reflections, are also turned in on ASULearn. The ASULearn components work best from scrolling through the activities themselves on a computer.

- How do I contact you outside of class?

need help from me, your classmates, or tech support? at the top of ASULearn (not e-mail that gets buried!). The Zoom link is for help hours, with times on Sunday, Monday, Tuesday, Wednesday and Thursday. These are already over the number of hours officially required but I will sometimes be able to add an extra hour Friday 2–3pm—check the need help forum for updates. If you can't make Zoom, select the dropdown item listing only you and I to contact me privately, or the whole class to send a message to everyone! Please use a salutation of Dr. Sarah, my preferred name, in communications with me. I strive to answer individual questions at least once a day, including the weekends, although I may respond within class. I prefer that you use real-time hours as it is easier to discuss material in person.

- What do I do if the university changes classes due to inclement weather?

If the university changes classes, continue progressing on the work due on ASULearn. Look to the "Dr. Sarah's announcements" forum on ASULearn for updates, but the university is your best source of initial information as I might be driving in or without internet when an announcement is made.

- What should I do if I don't understand content or something about the course?

I have instructions inside each activity link on ASULearn, at the top. Ask questions inside and outside of class. Access (or re-watch) the 3610 course intro interactive video which explains many components. My course design is intentional and based on best practices from the scholarship of teaching and learning and the National Council of Teachers of Mathematics' eight research-informed teaching practices in the NCTM *Principles to Actions: Ensuring Mathematical Success for All*. Depending on your prior experiences, it may take some getting used to—I'm here to help!