







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

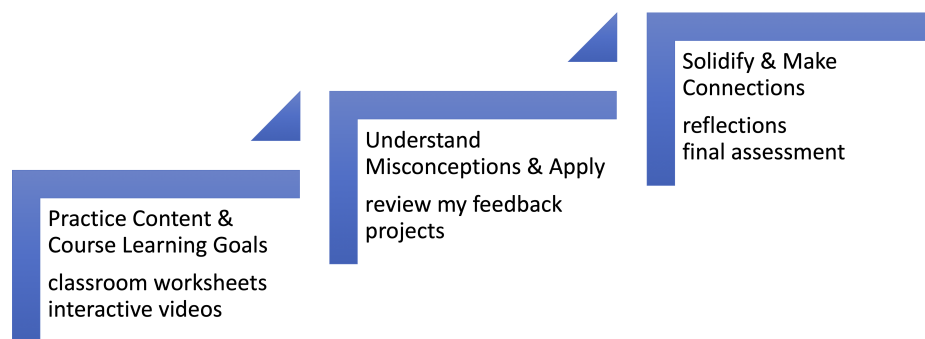
	Class Monday	Between Classes (by 10:55am Wednesday)	Class Wednesday	Between Classes (by 10:55am Monday)
1/18			active learning worksheet	-axiomatic systems and constructions 1 interactive video -3610 intro interactive video -turn in worksheet -obtain rental book -read the syllabus -add ASULearn profile pic -Zoom update & profile pic
1/23– 1/25	learning goals worksheet	-axiomatic systems and constructions 2 interactive video -IGS intro interactive video -begin <a href="#">Project 1</a> -turn in worksheet -get to know posting	axiomatic systems and constructions 1 worksheet	- <a href="#">Project 1</a> -turn in worksheet
1/30– 2/1	axiomatic systems and constructions 2 worksheet	-congruence and similarity 1 interactive video -select topic for <a href="#">Project 2</a> and begin working on it -turn in worksheet	congruence and similarity 1 worksheet	-congruence and similarity 2 interactive video -turn in worksheet -review and reflect on axiomatic systems and constructions
2/6– 2/8	congruence and similarity 2 worksheet	- <a href="#">Project 2</a> -turn in worksheet	<a href="#">Project 2 elevator pitch on Euclidean items</a>	-Euclidean and spherical perspectives interactive video -begin <a href="#">Reflection 1</a>
2/13– 2/15	spherical perspectives worksheet	- <a href="#">Reflection 1</a> -begin <a href="#">Project 3</a> -turn in worksheet	spherical angle sum and AAA worksheet	-peer review <a href="#">Reflection 1</a> -turn in worksheet
2/20– 2/22	Pythagorean theorem 1 worksheet	- <a href="#">Project 3</a> -turn in worksheet	Pythagorean theorem 2 worksheet	-Pythagorean theorem interactive video -select topic for <a href="#">Project 4</a> -turn in worksheet -review and reflect on congruence and similarity
2/27– 3/1	research guide for <a href="#">Project 4</a>	-analytic geometry and metric perspectives interactive video -read <a href="#">Reflection 1 feedback</a>	analytic geometry and metric perspectives 1 worksheet	-prepare for <a href="#">Project 4</a> presentations and bring printout to tape up -turn in worksheet
3/6– 3/8	<a href="#">Project 4 presentations</a> part 1	-revise (if needed) and turn in <a href="#">Project 4</a>	<a href="#">Project 4 presentations</a> part 2	-turn in <a href="#">Project 4 peer review and self-evaluation</a>
3/20– 3/22	analytic geometry and metric perspectives 2	- <a href="#">Reflection 1 revision</a> (if needed) -begin <a href="#">Project 5</a> -turn in worksheet	polyhedra worksheet	-polyhedra and angle defect interactive video -turn in worksheet
3/27– 3/29	measurement worksheet	-measurements and angle sum interactive video -turn in worksheet	earth and universe measurements worksheet	- <a href="#">Project 5</a> -turn in worksheet
4/3– 4/5	equidistant water reservoir worksheet	-turn in worksheet -review and reflect on polyhedra, analytic/metric perspectives and the Pythagorean theorem	proof worksheet	- <a href="#">Reflection 2</a> -turn in worksheet
4/10– 4/12	hyperbolic 1 worksheet	-parallels 1 interactive video -begin <a href="#">Project 6</a> -turn in worksheet	hyperbolic 2 worksheet	-parallels 2 interactive video - <a href="#">Reflection 2 revision</a> (if needed) -turn in worksheet

4/17– 4/19	hyperbolic worksheet	3 -parallels 3 interactive video -turn in worksheet -review and reflect on measure- ments and parallelism	hyperbolic worksheet	4 -Project 6 -turn in worksheet
4/24– 4/26	Desargues' theo- rem 1 worksheet	-projective geometry interactive video -Reflection 3 -turn in worksheet	Desargues' theo- rem 2 worksheet	-survey and evaluations -turn in worksheet
5/1– 5/3	reflections on geometry work- sheet	-Reflection 3 revision (if needed) -begin final assessment guide -turn in worksheet	concluding activities	-prepare for final assessment -prepare to turn in video notes
5/5 11- 1:30	timed assessment during our assigned time at finals—video notes due + individual and group components (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 a tentative calendar with in-class listings at the top has in-class worksheets. Turn all items to Done by their due date. Major assignments, including projects and reflections, are also on ASULearn, but they are not typically paired with completion. 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!)  
The Zoom link there is for office hours  
Sunday, Tuesday, Thursday 7-7:45pm (yes, pm!)  
Monday, Wednesday 8:30-9:10am (yes, am!)  
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 Zoom hours as it is easier to discuss material in person.
- 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!