Math 1126 Daily Calendar – Autumn 2024

Date	Topic and Activity	Text & Outcome
8/20 Tues.	*Opening Day!* *Introduction to the course + Explanations* **In Class:** A fun activity!	Ximera: 1.1
8/21 Wed.	*Dimension* **In Class:** Where Do We Live?	Section 11.1 Ximera: 1.2
8/22 Thur.	*Angles - definitions* **In Class:** What is an Angle?	Section 10.1 Ximera: 1.3 Outcome 1
8/23 Fri.	*Meanings of parallel* **In Class:** Parallel Lines	Section 10.1 Ximera: 1.4 Outcome 2
8/26 Mon.	*Parallel postulate* **In Class:** Here's Looking at Euclid	Section 10.1 Ximera: 1.4 Outcome 1 and 2
8/27 Tues.	*Quadrilaterals - definitions* **In Class:** The Fab Four	Section 10.4 Ximera: 2.1 Outcome 3
8/28 Wed.	*Quadrilaterals – classification and definitions* **In Class:** The Fab Four, part 2	Section 10.4 Ximera: 2.1 Outcome 3
8/29 Thur.	*Solid shapes and their nets* **In Class:** Activity 13E	Section 13.1 Ximera: 2.1 Outcome 3
8/30 Fri.	*Circles – definition and application* **In Class:** Buried Treasure	Section 10.3 Ximera: 2.1 Outcome 4
	Labor Day – No Class *Monday, Sept. 2*	
9/3 Tues.	*Angles in a triangle, continued* **In Class:** Walking and Turning	Section 10.1 Ximera: 2.2 Outcome 5
9/4 Wed.	*Angles in a triangle* **In Class:** 10E, 10F	Section 10.1 Ximera: 2.2 Outcome 5
9/5 Thur.	*Properties of quadrilaterals* **In Class:** Property Rights	Section 10.4 Ximera: 2.2 Outcome 6
9/6 Fri.	*Properties of quadrilaterals* **In Class:** Property Rights	Section 10.4 Ximera: 2.2 Outcome 6

9/9 Mon.	*Constructions* **In Class:** Exploring and Constructing Shapes	Section 10.4 Ximera: 2.3 Outcome 7
9/10 Tues.	*Constructions* **In Class:** Exploring and Constructing Shapes	Section 10.4 Ximera: 2.3 Outcome 7
9/11 Wed.	*Review*	
9/12 Thur.	*Review*	
9/13 Fri.	***Timed Assessment #1 (Online)*** **Outcomes 1-6**	
9/16 Mon.	*Transformations* **In Class:** Reflections, Rotations, Translations	Section 14.1 Ximera: 2.4 Outcome 8
9/17 Tues.	*Transformations* **In Class:** Reflections, Rotations, Translations	Section 14.1 Ximera: 2.4 Outcome 8
9/18 Wed.	*Congruence* **In Class:** Congruence	Section 14.3 Ximera: 2.5 Outcome 9
9/19 Thur.	*Congruence and properties of quadrilaterals* **In Class:** Property Investigation	Section 10.4 Ximera: 2.5 Outcome 9
9/20 Fri.	*Meaning of similarity* **In Class:** 14Q, 14R	Section 14.5 Ximera: 2.6 and 2.7 Outcome 10
9/23 Mon.	*Sighting using ideas of similarity* **In Class:** 14W	Section 14.6 Ximera: 2.7 Outcome 10
9/24 Tues.	*Introducing the process of measurement* **In Class:** I'm the Biggest Kid!	Section 11.1 Ximera: 3.1 Outcome 11
9/25 Wed.	*Process and units for measuring* **In Class:** Try this on for Size	Section 11.2 Ximera: 3.2 Outcomes 11, 12
9/26 Thur.	*Measuring perimeters* **In Class:** Activity 12R	Section 12.8 Ximera: 3.2 Outcome 12
9/27 Fri.	*Measuring area* **In Class:** Measurement - Area	Section 12.1 Ximera: 3.2 Outcome 12

9/30 Mon.	*Introducing non-standard units* **In Class:** More Measurement	Section 12.1 Ximera: 3.2 Outcome 12
10/1 Tues.	*Moving and additivity principles* **In Class:** Moving and Additivity	Section 12.2 Ximera: 3.2 Outcome 13
10/2 Wed.	*Volume formulas and their justification* **In Class:** Using Moving and Additivity to Determine Volume Formulas	Section 13.2 Ximera: 3.2 Outcome 13
10/3 Thur.	*Introducing shearing* **In Class:** 12K	Section 12.5 Ximera: 3.2 Outcome 13
10/4 Fri.	*Estimating area* **In Class:** 12Q	Section 12.7 Ximera: 3.2 Outcome 14
10/7 Mon.	*Peer Review Day*	
10/8 Tues.	*Review*	
10/9 Wed.	***Timed Assessment #2 (Online)*** **Outcomes 7-13**	
	Oct 10 – 11: break!	
10/14 Mon.	*Area of circles* **In Class:** Measuring Circles, Estimating Pi	Section 12.6 Ximera: 3.3 Outcome 15
10/15 Tues.	*Developing area formula for rectangles* **In Class:** More on Area Measurement	Section 12.1 Ximera: 3.4 Outcome 16
10/16 Wed.	*Volumes of boxes* **In Class:** Building Blocks	Section 13.1 Ximera: 3.4 Outcome 17
10/17 Thur.	*Moving and additivity with triangles* **In Class:** 12D, 12E	Section 12.2 Ximera: 3.4 Outcome 18
10/18 Fri.	*Area formula for triangles* **In Class:** 12F	Section 12.3 Ximera: 3.4 Outcome 18
10/21 Mon.	*Area formula for obtuse triangles* **In Class:** 12F	Section 12.3 Ximera: 3.4 Outcome 18
10/22 Tues.	*Parallelogram perimeter and area* **In Class:** 12H	Section 12.4 Ximera: 3.4 Outcome 18

10/23 Wed.	*Area formula for parallelograms* **In Class:** 12I	Section 12.4 Ximera: 3.4 Outcome 18
10/24 Thur.	*Area formula for circles* **In Class:** Making Sense of the Area Formula for Circles	Section 12.6 Ximera: 3.4 Outcome 18
10/25 Fri.	*Pythagorean Theorem* **In Class:** 12W	Section 12.9 Ximera: 3.5 Outcome 19
10/28 Mon.	*Perimeter and area* **In Class:** Perimeter and Area	Section 12.8 Ximera: 3.6 Outcome 20
10/29 Tues.	*Intro to scaling area and volume* **In Class:** Scale It Up	Section 14.7 Ximera: 3.7 Outcome 21
10/30 Wed.	*Similarity and ratios* **In Class:** My Feelings are Similar	Section 14.7 Ximera: 3.7 Outcome 21
10/31 Thur.	*Unit conversion with length* **In Class:** Back and Forth	Section 11.4 Ximera: 3.7 Outcome 22
11/1 Fri.	*Review*	
11/4 Mon.	*Review*	
11/5 Tues.	***Timed Assessment #3 (Online)*** **Outcomes 14-21**	
11/6 Wed.	*Area and volume conversions* **In Class:** Area and Volume Conversions	Section 13.3 Ximera: 3.7 Outcome 22
11/7 Thur.	*Symmetry* **In Class:** 14E	Section 14.2 Ximera: 4.1
11/8 Fri.	*Sequences* **In Class:** Sequences	Section 9.5 Ximera: 5.1 Outcome 23
	Monday, Nov 11: Veteran's Day (no class)	
11/12 Tues.	*Sequences and linear relationships* **In Class:** Gertrude the Gumchewer	Section 9.6 Ximera: 5.1 Outcome 23
11/13 Wed.	*Sequences and rates of change* **In Class:** I Walk the Line	Section 9.6 Ximera: 5.1 Outcome 24

11/14 Thur.	*Linear relationships and rates of change* **In Class:** I Walk the Line	Section 9.6 Ximera: 5.2 Outcome 24
11/15 Fri.	*Coordinate systems* **In Class:** Where Are We?	Section 9.6 Ximera: 5.3 Outcome 25
11/18 Mon.	*More on graphs* **In Class:** The Graphic Details	Section 9.7 Ximera: 5.3 Outcome 25
11/19 Tues.	*Graphing, continued* **In Class:** The Graphic Details	Section 9.7 Ximera: 5.3 Outcome 25
11/20 Wed.	*Counting problems* **In Class:** You Can Count On It	Section 4.1 Ximera: 6.1 Outcome 26
11/21 Thur.	*Counting practice* **In Class:** Compare and Count	Section 16.1 Ximera: 6.1 Outcome 26
11/22 Fri.	*More counting practice: strategies* **In Class:** Compare and Count	Section 16.2 Ximera: 6.1 Outcome 26 and 27
11/25 Mon.	*Counting structure* **In Class:** Compare and Count – Wrap-up	Chapter 16.2 Ximera: 6.2 Outcome 27
11/26 Tue.	*Counting and probability* **In Class:** High Rollers	Section 16.1 Ximera: 6.3 Outcome 26
	November 27 – 29: Thanksgiving break (no class!)	
12/4 Mon.	*Probability problems* **In Class:** Go Climb A Tree!	Section 16.4 Ximera: 6.3 Outcome 26
12/5 Tue.	*Counting Wrap-Up* **In Class:** You Can Count on it Getting More Difficult	Section 16.2 Ximera: 6.3 Outcome 26 and 27
12/6 Wed.	*Last Class – **Portfolios Due!*** **In Class:** Review	***Portfolios Due!***
12/7 Thur.	*Study day for Finals Week – no more classes!*	
12/8 Fri	*Exam Week –* **Timed Assessment #4 (Online): Outcomes 22-27**	