

MATH119-CLASS PLANS-SYLLABUS-SPRING 2022  
(MATH119-W01-41999/MATH119-M01-41998)

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**Text:** “Algebra and Trigonometry”, 4<sup>th</sup> Ed. By Stewart et.al. or “Precalculus” 7<sup>th</sup> ed. By Stewart et.al.

**Office Hours:** 10:00-11:00 MW and more TBA

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**Description:** Trig 119 introduces Trigonometric Functions from two approaches: Using triangles with angles as the inputs for the Functions and using circles with real numbers as the inputs. Basic properties, graphs, inverses and identities are discussed. Applications that involve solving Trig equations, solving triangles and problems from various fields outside of math are covered.

**Course Grading:** Three quizzes, two chapter tests and a final exam are planned for a total of 730 pts.

Quizzes-	60 pts. each	180 pts.
Tests-	150 pts. each	300 pts.
Final-	250 pts.	250 pts.

**Advice:** Students should:

1. Obtain a textbook as soon as possible.
2. Obtain a calculator with Trig Functions.  
(Graphing calculators are not necessary).
3. Keep a problem notebook for review purposes.
4. ATTEND ALL CLASSES.
5. Review the algebra part of the textbook as needed.
6. Stay up to date in your study of the Trig material.
7. Familiarize yourself with CANVAS/ZOOM for accessing quizzes, tests, extra notes and handouts, bonus ZOOM problem sessions, etc.

**Class Plans**

A tentative schedule for lectures, readings, tests and quizzes is given below.

Week of	Mon.	Wed.
Jan. 24	Intro., Sec. 5.1	Sec. 5.1, 5.2
Jan. 31	Sec. 5.2, 5.3	Sec. 5.3
Feb. 7	QUIZ 1	Sec. 5.4
Feb. 14	Sec. 5.4, 5.5	Sec. 5.5, 5.6
Feb. 21	Sec. 5.6, REVIEW	FIRST CHAPTER TEST
Feb. 28	Sec. 6.1	Sec. 6.1, 6.2
Mar. 7	Sec. 6.2, 6.3	Sec. 6.3
Mar. 14	Sec. 6.3, 6.4	QUIZ 2
Mar. 21	SPRING BREAK	
Mar. 28	Sec. 6.4, 6.5	Sec. 6.5, 6.6

Apr. 4	Sec. 6.6, REVIEW	SECOND CHAPTER TEST
Apr. 11	Sec. 7.1	Sec. 7.1, 7.2
Apr. 18	Sec. 7.2	QUIZ 3
Apr. 25	Sec. 7.3	Sec. 7.3, 7.4
May 2	Sec. 7.5	TBA
May 9	TBA	LAST CLASS (REVIEW)

FINAL EXAM

MONDAY, MAY 16

8:00 AM-10:00 AM

**Face Coverings**

At all UW-Stevens Point Campus Locations, the wearing of face coverings is mandatory in all buildings, including classrooms, Laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is University Policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

**Assignments for first chapter on Right Triangle Approach:**

**Textbook Note:** There are 2 acceptable textbooks for MATH119.

1. SP- "[Precalculus](#)", 7<sup>th</sup> ed. By Stewart et. al. (Available at UWSP Bookstore)
2. W - "[Algebra and Trigonometry](#)", 4<sup>th</sup> ed. By Stewart et. al. available around Wausau in used form.

The main difference between the Stevens Point and Wausau versions is that Chaps. 5 and 6 are interchanged along with the page numbers. Our first Chapter will be Chapter 5 in the W version or Chapter 6 in the SP version.

	<u>Sec.</u>	<u>Text Pages</u>	<u>Text Example Problems</u>	<u>Text Exercises</u>
W	5.1	438-443	1, 2, 3, 4, 5, 6, 7	odds(5-51), 54, 59, 63, 85, 87
SP	6.1	472-477	(same as above)	(same as above)
W	5.2	448-452	1, 2, 3, 4, 5, 6	5, 8, 15, 19, 23, 27, 33, 35, 39, 43, 49, 56, 65
SP	6.2	482-486	(same as above)	(same as above)
W	5.3	457, 459-464	1, 2, 3, 4, 7, 8	odds(5-39), odds(47-53), 57
SP	6.3	491, 493-498	(same as above)	(same as above)
W	5.4	467-471	1, 3, 4, 6, 7	odds(5-33), 39, 43
SP	6.4	501-505	(same as above)	(same as above)
W	5.5	474-479	2, 3, 4, 6	odds(3-9), 15, 17, 26, 32, 33
SP	6.5	508-513	(same as above)	(same as above)
W	5.6	482-486	1, 2, 3, 5	odds(3-27), 51
SP	6.6	516-520	(same as above)	(same as above)

