PREREQUISITE:	Math 41 or equivalent.
TEXTBOOK:	<u>Precalculus with limits</u>, 3rd ed.,Larson.
MATERIALS:	Scientific calculator (*TI -84 recommended*.)
GOAL:	To understand and be able to solve problems dealing with the fundamentals of the theory of trigonometric functions and equations and their applications; solving triangles; the polar coordinate system and complex numbers.
ATTENDANCE:	You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent **three** times. *Dropping or withdrawal from the class is the students' responsibility*. A student who discontinues coming to class and does not drop will get an **F** grade. (Prior notification is required to leave class before it is over)

It is the students' responsibility to contact/inform the instructor in the event of unforeseen circumstances.

CHEATING:	Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or copying from or looking at another student's paper during tests. The use of cell phones or other communication devices is forbidden during class and tests. A class/course grade of F will be given for any of the above infractions.
HOMEWORK:	Homework will be assigned everyday . Special homework sets, and assignments will be given, collected, and graded as take home quizzes (group work).
QUIZZES:	In class quizzes (individual work), and take home quizzes (group work) will be given. (A group consists of three to five partners). NO MAKE UPS .
TESTS:	Tests (3) will be given during the quarter. NO MAKE UPS . *One-half of the final exam grade will be used to replace lowest test score, if greater, except in the case of cheating.*
FINAL EXAM:	A two-hour comprehensive final exam will be given on MONDAY, DECEMBER 10 (*1:30–3:45 pm*). THIS IS A MUST EXAM. A grade of **F** will be assigned to those who miss the final exam.
GRADE:	Quizzes/Hwk ---------------------200pts. A: 90% - 100% (630+pts.)

Tests (3) @ 100pts.------------------300pts.
Final Exam------------------------200pts.
       TOTAL   **700pts.**

B : 80% - 89% (560-629pts.)
C : 60% - 79% (420-559pts.)
D : 50% - 59% (350-419pts.)
F : 0% - 49% (0-349pts.)

IMPORTANT DATES: See Reverse Side

SEPT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
	24 INSTRUCTION BEGINS Chap 4	25	26 Chap 4 (4.1-4.8)	27	28	29	30	1
OCT OCT	1 Chap 4	2	3 Chap 4	4	5	6 (Last day to add)	7 (Last day to drop with no grade or record)	2
OCT	8 Census day Chap 4	9	10 Chap 4/ Test 1	11	12	13	14	3
OCT	15 Chap 4	16	17 Chap 5 (5.1-5.5)	18	19 Last day to request Pass/No Pass	20	21	4
OCT	22 Chap 5	23	24 Chap 5	25	26	27	28	5
OCT / NOV	29 Chap 5	30	31 Chap 5	1	2	3	4	6
NOV	5 Chap 5	6	7 Chap 5/ Test 2	8	9	10	11	7
NOV	12 VETERAN"S DAY HOLIDAY	13	14 Chap 5/ Test 2	15	16 Last day to drop with a "W"	17	18	8
NOV	19 Chap 6 (6.1-6.5) [6.3, 6.4]	20	21 Chap 6	22 Thanksgiving Holiday	23 Thanksgiving Holiday	24	25	9
NOV / DEC	26 Chap 6	27	28 Chap 6	29	30	1	2	10
DEC	3 Chap 10/ Test 3	4	5 Chap 10 (10.7, 10.8)	6	7	8	9	11
DEC	10 1:45-3:45 pm FINALS (S46)	11 No Class	12 No Class	13 No Class	14 No Class	15	16	12
DEC	17	18	19	20	21	22	23	13
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	

<u>Student Learning Outcome(s):</u>

*Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
*Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.