	FORMAT 2 Supmit originals (including cullabus) and one convend electronic convete the Fearlity Servete Office	
l '	W. T.	
Ł		
()		
.=====	F108 is current Catalog number.	
k.		
<u>.</u>		
a li 		
.~	See http://puppy unf adulusfaculfoculty constalaumiculum/acuse danna macadures / for a complete description of the miles	
/ 		
.		
1		
	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
·	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
·	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
·	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
·	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	
·		
·	CHANGE COURSE NUMBER AND ADD "X" DESIGNATION.	

	4. COURSE CLASSIFICATIONS: (undergraduate courses only. manual. If justification is needed, attach separate sheet.) H = Humanities	S Social Sciences	
	Will this course be used to fulfill a requirement		
<u> </u>	for the baccalaureate core?	YES X NO	
· ·			
·			
1 12			
S- 1			
T.			
ŗ			
•			
,			
A			
10			
<u>La</u>			
,			
7-		(FIUSISCUMENT CATALOG NUMBER.)	
1-		(FIUSISCUMENT CATALOG NUMBER.)	
-		(FIUSISCUITENT Catalog number.)	
	-	(FIUSISCUITENT CATALOG NUMBER)	
—	-	(FIUSISCURRENT CATALOG NUMBER.)	
*	-	(FIUSISCUITENT CATALOG NUMBER.)	
*	-	(FIUSISCUITTENT CATALOG NUMBET.)	
* <u>*</u>		(FIUSISCUITENT CATALOG NUMBER.)	
· <u> </u>		(FIUSISCUITENT CATALOG NUMBER.)	
		(FIUSISCUMENT Cafalog number.)	
		(FIUSISCUITENT CATALOG NUMBER.)	
		(Flusiscurrent Cafalog number.)	
		(FIUSISCUITENT CATALOG NUMBER.)	

4.A Is course content related to northern, arctic or circumpolar studies? If ves. a "snowflake" symbol will be added in



	ADDITIONAL SIGNATURES: (As needed for cross	-listing and/or stacking; add more blocks as neces	sary.)
		Date	
	Signature, Chair, Program/Department of:	Date	
			
	Signature, Chair, College/School Curriculum Cou	Date Date	
<u> </u>			
Ī			
T T			
! _			
<u> </u>			
4-			
`_# ¥ ,			
11-			
<u> </u>			
<u></u>			
Y			
f			
4 c			
·			
	Note; If removing a cross-listing, you may attach conv of	email or memo to indicate mutual agreement of this activ	nn hv
1			
) <u>41</u>	:		
A .			
14			
•	g at <u>6***</u>		
<u> </u>	···		
_			
t Transition			
MA.			
-			
# = '- 1 _{1 = 4}			
7	* \- <u> </u>		
I			

ė	ATTACH COMPLETE SYLLABUS (as part of this application). This list is online at: http://www.uaf.edu/uafgov/facultv-senate/curriculum/course-degree_nrocedures-/uaf-syllahus-requirements/
1	
F:	
ā	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	€—;
(_ _	
-	
ر غل	
# · ·	
· •	,
ħ	
<u> </u>	
r	
File - market	
Andrews .	
<u> </u>	
	· · · · · · · · · · · · · · · · · · ·
Erc.	
-	
- \	

TRIGONOMETRY

MATH F108-F02, Spring 2015 - CRN: 35454, 3 CREDITS

DURATION: 1/15/2015-5/8/2015 MWF 2:15-3:15 PM, GRUE 409

Instructor information

Name:

Odile Bastille Phone: 474-7273

Office:

Chapman 107 e-mail: orbastille@alaska.edu

Office Hours: MWF 3:30 pm - 4:30 pm or by appointment

Course materials

- Open-source textbook: *Trigonometry* by Carl Stitz & Jeff Zeager; available on Blackboard in the Course Materials section;
- a scientific calculator: it needs to have keys for π , sin, cos, tan, and their inverses; the option to switch between degrees and radians.

Course Description

After a review of fundamentals in graphing and functions, the course will cover topics in the study of trigonometry based on a unit circle approach: angles and their measures, the six basic trigonometric functions and their graphs inverse trigonometric functions trigonometric identities and formulae hourse trigonometric functions.

trigonometric equations and inequalities, and applications of trigonometry including right triangles, laws of sines and cosines, and polar coordinates. This course is designed to provide students with a good understanding of concepts that will be used in 200-level and above math, science, and engineering courses. In

Students will become familiar with the use of polar coordinates. This course will be primarily lecture-based with some in-class group work. Evaluation Gradium Student orades will be down that the fall of th		•		N.
This course will be primarily lecture-based with some in-class group work. Evaluation Gradius: Student mades will be dependent man the full state of the f		 Students will learn to solve trigonor 	metric equations and inequalities.	
Evaluation Grading: Student grades will. In dependent was the following.		• Students will become familiar with	the use of polar coordinates.	
Crading: Student grades will be denoted the following the		This course will be primarily lecture-base	ed with some in-class group work.	
Homework 15% Quizzes 15% Final 25% Strylants, and to come at least 60%		Evaluation		
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond	ì	Grading: Student grades will he depend	lant upon the following commences	
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond	<u> </u>			
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond	7			
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond				
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond	<u>.</u>			
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond		L-		
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond			¥	
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond				
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond				
Homework 15% Quizzes 15% Final 25% Streamte pood to coppe at least 20% or the final conduction of the final cond				
• Quizzes 15% • Final 25% Studente pond to come at least 60% or the first and a second student second state of the first		-		
• Quizzes 15% • Final 25% Strydente pood to coope at least 40% on the final coope at least 4		• Homework 15%	• Exams (3) 45%	
		• Quizzes 15%		
		Studente mod to come at least 2007	an the final answer to end on the case of the con-	°
	·,			
	Ţ.			
	f			
	` <u>r</u>			
	_			
	<u>r</u>			
	•			

2. Homework should be turned in on 8.5" by 11" paper; please do trim fringes if you use spiral notebooks. For graphs, use graphing paper and clearly label axes. Homework on several pages must be stapled in the top left corner. In the top right corner you should write MATH108-F02-Bastille, your name and the due date of the homework. 3. Problems should be clearly labeled and numbered on the left side of the page. There should also be a

Table 1 – continued from previous page ay Wednesday Monday Friday 18 - / Parian 16 20 որ^{ինսշ եթյ}ե