MATH 155B 1 credit Summer, 2015

COURSE INFORMATION:

LECTURE: Tue 6-9:10 p.m.
INSTRUCTOR: **Zana Coulibaly** OFFICE 218 Sherman Hall

OFFICE HOURS: Tuesdays 4:00 p.m. to 6:00 p.m.
E-MAIL ADDRESS: czana1@umbc.edu

TEXT: Notes only

This class is fast paced and is required to bridge from Math 155 to Math 152

The main topics for this course are differentiation and integration of trigonometric functions. Identities, inverses and limits of trigonometric functions. More in-depth Math 155 subjects.

TESTING AND GRADING: The usual 90-80-70-60 % grading system will be used in this course.

POSSIBLE POINTS ARE AS FOLLOWS

3 class works @ 20 points each	= 60 points
3 homeworks @ 20 points each	= 60 points
Exams @ 100 points	= 100 points
	TOTAL = 220 points

THERE WILL BE NO MAKE-UP QUIZZES. Make-up exams will be given at my discretion and provided I have been notified **prior** to the scheduled time of the exam that you will be unable to attend. The make-up time will be arranged using email. No calculators will be required during this course and may not be used on the classwork, homework or exam.

HOMEWORK

Homework will be assigned during lecture and will be due at the start of the next class. NO LATE HOMEWORK WILL BE ACCEPTED.

ACADEMIC CONDUCT AND POLICY

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal **.**

To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.

MATH 155B Syllabus Summer 2015

DATE		SECTIONS COVERED	QUIZZES OR EXAMS
Tu	5/26	Review of L'Hospitals Rule Derivatives of trigonometric functions And inverse functions Product, Quotient and Chain Rules Equation of tangent lines Limits and Continuity Handouts #1 and # 2	Class work # 1 Homework # 1
Tu	6/2	Antidifferention of Trig function Area under a curve Integration, Fundamental Theorem of Calculus Definite and indefinite integrals U-Substitution Handouts # 3 and # 4	Class work # 2 Homework # 2
Tu	6/9	More of topics from 1/9 Handouts # 5 and # 6	Class work # 3 Homework # 3
F	6/16	Review and Exam	