**Syllabus**

**Course title/number**: Plane Trigonometry, MTH 122-101, CRN: 3021

**Text Book**: *Trigonometry*, 4th edition by Dugopolski

**Instructor:** Kusum Subedi **Semester/year**: Fall 2015

**Location:** SH 509 **Days/time**: MWF 8:00am-8:50am

**Office:** SH 743 D **Phone**: 66081

**E-Mail**: subedik@marshall.edu

**Office hours**: MTWRF 10:00am-11:00am, other hours by appointment

University Policies:

By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to [www.marshall.edu/academic-affairs](http://www.marshall.edu/academic-affairs) and clicking on “Marshall University Policies.” Or, you can access the policies directly by going to <http://www.marshall.edu/academic-affairs/?page_id=802>

Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

COURSE DESCRIPTION:

* A study of trigonometric functions, graphs of the trigonometric functions, identities, equations, inverse trigonometric functions vectors, complex numbers and applications.

COURSE OBJECTIVES:

* To present a comprehensive development of trigonometry and some of the applications of trigonometry.
* To help prepare students for courses in calculus and analytic geometry.
* To help prepare students for study in areas such as physics, engineering, biology, chemistry, pharmacy, geology, and medicine.

LEARNERS OUTCOMES:
 Upon completion of this course, students will have an understanding of the concepts of plane trigonometry. They will be able to apply these concepts to solve real world applications.

Prerequisites: MTH 127 or MTH 130 or MTH130H or 21 on ACT (Math) or 500 on SAT (Math).

EVALUATION: There will be,

* 3 Tests(according to the following schedule)
* 3 Quizzes (dates will be notified in class )
* Homework assignments (almost every day)
* A Final exam(comprehensive)

Homework assignments will not be graded, but you must do them all.

**No make up test will be given**. Your lowest one test and lowest one quiz will be dropped.

EXAMINATION SCHEDULE:

EXAMS DATE COURSE COVERAGE (tentative)

Test 1 Mon, Sept. 14 Chapters 1, and 2

Test 2 Mon, Oct. 12 Chapters 3 and 4

Test 3 Wed, Nov. 18 Chapters 5 and 6

Note: The course coverage is tentative. If there is a change you will be notified in class.

**Final Exam**: Monday, Dec. 7 , 8:00am-10:00am in SH 509

GRADING SCALE:

 Points Possible Percentage Grade

 Tests 200 360-400 A

 Quizzes 50 320-259 B

 Final Exam 150 280-319 C

 240- 279 D

 Total 400 less than 240 F

**In order to pass this course** you have to get 60% or higher overall grade and 50% or higher attendance.

CALCULATOR: A Scientific calculator is required. TI-83 is graphing calculator is recommended. But graphing calculators may not be allowed on some tests. **NO CELL PHONE**

**TUTORING FACILITIES:** Marshall University provides multiple options for on-campus tutoring. The Mathematics Department tutoring lab is located in Smith Hall 115. The University College has an all subject tutoring lab on the first floor of Laidley Hall. It is the student’s responsibility to utilize these facilities.