Marshall University
DEPARTMENT OF MATHEMATICS
STUDENT INFORMATION SHEET AND SYLLABUS

Course Title/Number	MTH 132 – Precalculus
Semester/Year	Spring 2018
Days/Time	MTWRF, 1:00 – 1:50 PM
Location	WAEC 3121
Instructor	Alaa Elkadry
Office	3231 WAEC
Phone	(304) 696-3047
E-Mail	elkadry@marshall.edu
Office Hours	MTWRF 11:30-12:30 PM and 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 and clicking on "Marshall University Policies." Or, you can access the policies directly by going to www.marshall.edu/academic-affairs/policies/. 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: From Catalog

Study of functions used in calculus including polynomial, rational, exponential, logarithmic, and trigonometric. Methods of solving systems of equations and inequalities, graphing conic sections and polar equations. Limits of sequences and series. Techniques of counting, basic probability and the binomial theorem. (5 credit hours)
Prerequisites: C or better in MTH 127, or in MTH 130 or either an ACT Math score of 24

Required Texts and Other Materials

Title : Algebra and Trigonometry, 4th edition.
Authors : Stewart, Redlin and Watson
ISBN : 9781305071742
Publisher : Cengage

Calculator : For this course we will use a graphing calculator model TI-84 Plus (or equivalent). You may use the calculator on all work and assignments in this class. You may not use your phone, iPad, laptop, etc. as a calculator on any quiz or exam. No other technology may be used in class without permission.

MUOnline : Assignments, announcements, grades and other course materials will be posted regularly on MUOnline.

Course Student Learning Outcomes	How students will practice each outcome in this Course	How student achievement of each outcome will be assessed in this Course
Students will demonstrate and apply knowledge of properties of functions, including polynomial, rational, exponential, logarithmic and trigonometric functions.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.
Students will perform basic operations and solve applications using vector algebra.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.
Students will use properties of arithmetic and geometric sequences and series to identify terms, find sums and solve applications.	Students will practice this outcome by doing homework and in class activities.	Students will be assessed on this outcome using quizzes and tests.

Course Requirements

ACT Math 24 or SAT 560, or a grade of C or higher in MTH 127 or MTH 130

Homework: For each topic we discuss in class, homework problems from the textbook will be assigned. It is your responsibility to understand the homework because test and quiz questions will be based on these problems. You are encouraged to work with your peers on the homework outside of class and to ask me if you have any questions. The problems may not always be graded, they are for your benefit in assisting you with understanding the material. Homework will be collected on Mondays.

Quiz: Quizzes will be given as shown in the schedule below. Any unexcused absence on the day of a quiz will result in a score of zero.

Classwork: You might be asked to do some graded work during class. Participation during lectures and asking questions can improve your classwork grade.

Attendance Policy

Students are expected to attend all scheduled classes. It is the student's responsibility to find out what was discussed in a missed class. Attendance records will be used to compute grades. Missing class can be expected to significantly reduce your chances of success. Note also that it is the student's responsibility to present approved notice of any absence that would be excused under the terms and regulations stipulated by the university.

Student behavior

Students are advised to turn their cell phones and other noise generating devices off prior to entering the class. In the case where a student awaits any emergency call, the noise should be restricted and made personal. And in this case, I should be notified as soon as the student enters the class. Food items, apart from water or soft drink, are not allowed in the class. The reading of newspapers and other unrelated materials while the class is in session is prohibited. Please ensure that other students are respected.

Policy for Students with Disabilities:

Marshall University is committed to equal opportunity education for all students, including those with physical, learning and psychological disabilities. University policy states that it is the responsibility of students with disabilities to contact the Office of Disability Services (ODS) in Prichard Hall 117 (304.696.2467) to provide documentation of their disability. Following this, the ODS Coordinator will send a letter to each of the student's instructors outlining the academic accommodation he/she will need to ensure equality in classroom experience, outside assignment, testing, and grading. The instructor and student will meet to discuss how the accommodation(s) requested will be provided. For more information, access the website for the Office of Disabled Student Services: http://www.marshall.edu/disabled.

Tutoring Facilities

The Department of Mathematics offers a **free** tutoring lab for Marshall students enrolled in mathematics courses. The tutors can help with all classes from MTH 098 to MTH 231. No appointment is necessary; just stop in and ask for a tutor. The lab location and tutoring hours are:

- In Smith Hall 625: 10:00am to 4:00pm Monday to Thursday, and 10:00am to noon on Friday.
- In Smith Hall 625: 5:00pm to 6:30pm Monday to Thursday.

The Tutoring Center in Communications Building has tutors who are available for **free**, by appointment. Please consult their web page for additional information.
More information about these facilities can be accessed by going to
http://www.marshall.edu/math/tutoring/

Grading Policy and Exam dates

The final grade will be based on the following components:

Regular Exams	400 points (100 points for each of the 4 in class exams)
Attendance	50 points
Classwork	100 points
Quizzes	150 points
Homework	100 points
Final Examination	200 points (Comprehensive)
Total	**1000 points**

The semester grade will be based on the percentage of the 1000 total possible points, using the following scale:

90 -100% -- A
80 - 89% -- B
70 - 79% -- C
60 - 69% -- D
00 - 59% -- F

EXAM I: Tuesday, January 23 (tentative)
EXAM II: Monday, February 12 (tentative)
EXAM III: Wednesday, March 14 (tentative)
EXAM IV: Tuesday, April 17 (tentative)
FINAL EXAMINATION: Friday, May 4 [12:45 – 2:45 PM]