**MATH 145 – Honors Calculus I - Fall 2016, Line Number: 24396**

**MATH 145** *covers differentiation and integration of algebraic and trigonometric functions, with applications to physical sciences and engineering. The course will be comprised of a series of "mini-units" focusing on fundamental calculus topics and their applications.*

CLASS HOURS: MTWRF: 10:00-10:50 am, 156 Snow Hall

Math 145 is taught as a Lecture-Lab course. Students attend a lecture 3 times per week: TWR and a laboratory section twice a week: MF

 INSTRUCTOR: **Bozenna Pasik-Duncan**, Ph.D, D.Sc. (Habilitation) assisted by **Peter Lewis**, GTA

Prof. Bozenna Pasik- Duncan- Office: 503 Snow; Office hours: TR 9:00 – 9:50 am and at 11:00 am

Peter Lewis: Office: 557 Snow; Office hours: M 11:00 -12:00 and F 1:00 -2:00 pm,

E-mails: plewis85@ku.edu and E-mail: bozenna@ku.edu

TEXTBOOK: Calculus, Jon Rogawski & Colin Adams, W.H. Freeman Third Edition

Chapters 1 through 5 with the selected sections will be covered

CLASS PROCEDURES AND GRADING:

LECTURES: Members of the class are expected to attend the lectures, which will be used to explain new material, to work typical examples and to answer some questions.

HOMEWORK: Homework assignments (12 of them) will be given weekly on Wednesday. Assignments will be collected at the beginning of the lectures on the following Wednesday. There will be no late HW. Online Homework

EXAMINATIONS (there will be no make-up exams):

EXAM I (in-class – 45 minutes): Thursday, September 29

EXAM II (take-home): Thursday, October 27 – turn in TBA

EXAM III (in-class – 45 minutes): Thursday, November 17

GATEWAY EXAM: online exam & in – lab exam

GRADING SYSTEM:

A maximum of 500 points (100%) can be accumulated as follows:
Exam I = 75 pts (15%), Exam II = 75 pts (15%), Exam III = 75 pts (15%), Gateway Exam =25 pts (5%) Homework = 25 pts (5%), Online Homework = 25 pts (5%) Attendance, Participation, Projects = 75 pts (15 %), Final Exam/Project = 125 pts (25%). Extra Credit (in class workshops & written reports from extra lectures) = up to 35 pts. (7%)

CHANGES: The instructor reserves the right to modify the schedule announced in this bulletin if the conditions arise during the semester which make such changes desirable.