

## SYLLABUS SUMMER 2011

### MATH 314 – CALCULUS III

**Room: Bin302**

**Day and Time: MTWR 8AM-10:50 PM**

Meets 7/7/2014 through 8/7/2014

**Instructor:** Dr. Nikolay Metodiev Sirakov

**Office:** Binnion 322

**Office Hours:** MTR 11AM- 12PM

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Additional by appointment

**Office Phone:** 903 886 5943

#### COURSE DESCRIPTION

**Text:** Calculus, 7<sup>th</sup> Edition, by James Stewart

**Pre-requisite:** Math 192, Calculus II

**Course Content:** Chapters 12-16.4, 16.7, 16.8

**Student Learning Outcomes:** The students will learn the concepts, the equations and the theorems about vectors, vector functions and calculus, geometry of space, functions of several variables, partial derivatives and multiple integrals. This will help them accumulate the necessary knowledge needed for the development of high quality skills in working with the above categories. Further, students will understand and be able to apply line integrals, Green's and Stokes' Theorems. A review may be given, upon time permission, on infinite sequences and series.

#### COURSE EVALUATION

##### **Basis for Evaluation:**

In-class exams	- 44%
In-Class/HW problems	- 16%
Short quizzes	- 16%
Comprehensive final exam	- 24%

**Grading Policy:** **A:** 100%- 90%

**B:** 89% - 80%

**C:** 79% - 70%

**D:** 69% - 60%, **F:** Less than 59 %

The professor reserves the rights to reward students for continuous hard work.

**Additional Activities, which will be graded:** Extra Credit/Advanced Problems

<b>Final Test Section: 314 Date: Thursday, August 07, 2014</b>
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<b>Time: 8AM-10AM</b>
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#### COURSE POLICIES

**Take-home problems:** *are to be solved at home. No makeup is allowed.*

**Short quizzes:** *are to be solved independently during the class period. No makeup is allowed.*

**Tests:** *The two in-class tests will be given roughly at regular intervals. Students will be informed of the test dates around a week in advance. The test will take one class period and will be given at the scheduled times only. No opportunity will be given to take the test at earlier or later times except in cases of formal institutional excuses as mentioned above.*

**Makeup:** *Except in the case of a formal institutional excuse, no individual makeup test will be permitted.*

**Cheating:** test and quizzes results will be canceled in case of cheating.

Students requesting accommodations for disabilities must go through the Academic Support Committee. For more information, please contact the Director of Disability Resources & Services, Holladay Student Services Bldg., Room 303D, 903 886 5835.

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment (See Student's Guide Handbook, Policies and Procedures, Conduct).

The library computer lab will be unavailable Summer II & August Mini? If any question contact

[Karen.Akins@tamuc.edu](mailto:Karen.Akins@tamuc.edu) or Ph.: 903-886-5728