

Course Title: Analytic Geometry and Calculus III

Texts: Shabanov, Sergei, Concepts in Calculus III, pdf file posted at

<http://florida.theorangegrove.org/og/items/fb275ac8-8b19-4c42-8099-f6b12948b8e5/1/>

Stewart, James, Calculus Early Transcendentals, 6th Edition, Brooks/Cole Publishing

Instructor: T.Walsh 407 LIT, 392 0281.x-242, walsht@ufl.edu

Office Hours: M5 Tu5 Th6

### Coverage in Text (approximate)

Ch.11 corresponding to Stewart Ch.12( $2\frac{1}{2}$  weeks) Vectors and Geometry of Space

Ch.12 corresponding to Stewart Ch.13 ( $1\frac{1}{2}$ week) Vector Functions

Ch.13 corresponding to Stewart Ch.14 ( $3\frac{1}{2}$  weeks) Partial Derivatives

Ch.14 corresponding to Stewart Ch.15, 16.6, part of 16.2,16.7(4 weeks) Multiple Integrals

Ch.15 corresponding to Stewart Ch.16 ( $2\frac{1}{2}$  weeks) Vector Calculus

### Exam & Quiz Schedule

(4 full-period exams, 8 15-minute quizzes)

Quiz 1: Fr 1/20

Exam 1: Th 1/26

Quiz 2: Fr 2/3

Quiz 3: Fr 2/10

Exam 2: Fr 2/17

Quiz 4: Fr 2/24

Quiz 5: Fr 3/2

Quiz 6: Fr 3/16

Exam 3: Fr 3/23

Quiz 7: Fr 3/30

Quiz 8: Fr 4/6

Exam 4: Fr 4/20

Exams need not cover entire chapters and may extend over sections from two successive chapters. Each exam is worth 60 points, each quiz 15 points. 3 out of the 8 quiz scores will be dropped. Final Score will use all 4 test scores and the 5 highest quiz scores.

*Final Exam:* Th 5/3 7:30 a.m.— 9:30 a.m. usual classroom, comprehensive, 105 points

Final Grades will be assigned according to the following scale, numbers indicating lower limits for indicated final grade (4 Exams + 5 Quizzes + Final Exam =  $240 + 75 + 105 = 420$ )

A: 360    A<sup>-</sup>: 340    B<sup>+</sup>: 320    B: 300    B<sup>-</sup>: 280    C<sup>+</sup>: 260    C: 240

C<sup>-</sup>: 220    D<sup>+</sup>:200    D: 180    D<sup>-</sup>: 160    E: below 160.

Depending on the distribution of Total Scores (after Final Exam) some of these limits may be lowered a couple of points.

*Missed Exam:* In case well documented reason acceptable to University makes presence at Scheduled Exam (not Quiz) impossible instructor will have to decide whether to let you take make-up exam Mo 4/23 period 10 (5:10 – 6:00 p.m.) at location that will be known shortly before.

*Accommodations for students with disabilities:* Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of

Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation.