

08S

Bob Jantzen (“bob”)

SA 370

tel: 610-519-7335

e-mail: robert.jantzen@villanova.edu web: <http://www.homepage.villanova.edu/robert.jantzen>
[bob cell: 610-716-0356 use it wisely] Class web site available through My Courses or Jantzen home page

MWF/T	M	T	W	Th	F	Rm
8:30-9:20	MAT5600-01		MAT5600-01		MAT5600-01	M G92
11:30-12:20/1:00-1:50	MAT2705-02	MAT2705-02↓	MAT2705-02		MAT2705-02	M G92
12:30-1:20/2:00-2:50	Office	Office↓	Office		Office	SA370

If your schedule is not completely compatible with these office hours chosen to serve as many students as possible, appointments can be made by request at the end of class. Drop-ins welcome (after class if you are free too).

[8:30-3:30 usually in office if not teaching.]

MATH 5600: Differential Geometry

Textbook: *Differential Geometry for Undergraduates Based on Multivariable Calculus and Linear Algebra*
by dr bob

course syllabus: we’ll play it by ear

Quiz and Test No quizzes, maybe 3 take home tests plus take home final exam.

All students are held responsible for all class material.

See course web site in My Courses.

Homework: READ the book carefully before doing homework. Keep a notebook or looseleaf binder or something in which to record your worked homework problems. Homework will not usually be collected, but is to your advantage to do it: it is the only way for the concepts to sink in. Not doing homework will have a snowball effect in derailing your understanding in the course.

GRADES: Based on the take home exams, and perhaps some occasionally assigned homework assignments for me to look at, letter grades will be assigned in as intelligent a fashion as possible, based on an impression of absolute and relative performance. Individual student progress (and decline!) is also weighed by hand, with emphasis on a semi-cumulative final examination to measure some mastery of the whole course content.

In class tips: Don’t try to write down everything—it’s “all” in the book (or handouts)—unless you have to for your study style (and if it’s not in the book, tell me, so I can make it clearer). Instead try to understand what I say as I say it and capture the ideas rather than stumbling in the details. Ask a question or slow me up if you are confused. If you don’t, you are wasting an opportunity to do better. Communicate with me, during class or at least after class. Tell me what is unclear. Remember: mechanical calculations can be done by machines; you need to learn the ideas to think for the machines in applying them.