

## Math 152, – Spring 2005 – Course Information

**Instructor:** Luis David Garcia–Puente

**Office:** Milner 119

**E-mail:** lgp@math.tamu.edu

**Office phone:** 845–7814

**Office hours:** TR 2:30–4:00 p.m., or by appointment

**Class time & Location:** Sections 519–521 TR 12:45–2:00 p.m. in HELD 109

Sections 522–524 TR 11:10–12:25 pm in HELD 109

**Course Web pages:** <http://www.math.tamu.edu/~lgp>

[http://www.math.tamu.edu/~lgp/luis-page\\_3.html](http://www.math.tamu.edu/~lgp/luis-page_3.html) (*my sections*)

<http://calclab.math.tamu.edu/>

<http://calclab.math.tamu.edu/docs/math152> (*course-wide*)

**Teaching Assistant:** Sections 519–521: Casey Stella.

Sections 522–524: Jimmy Kimball.

**Textbook:** *Calculus: Early Vectors*, by Stewart, et. al.

Calclabs with Maple for Stewart's Calculus.

**Course Description:** Differentiation and integration techniques and their applications, improper integrals, approximate integration, analytic geometry, infinite series, power series, Taylor series, and computer laboratory with the software package, Maple.

**Schedule:** A tentative course schedule will be handed out the first day of class and a current version may be found on the section web page. It is subject to revision at any time.

**Attendance:** Attendance on a regular basis is expected. While there are occasionally good reasons for you to miss class, regular attendance (as long as you are awake and listening) will assist you in learning the material.

**Homework:** Homework assignments for the entire course will be given to you on the first day of classes. Doing the homework is essential to understanding the material. There is no other way to learn mathematics. In my experience, thoughtful completion of the homework has been the strongest indicator of exam performance and is closely correlated with final grades. I recommend reading the appropriate sections before lecture, reviewing lecture notes before the next lecture, and doing all of the problems as they are assigned. You should seek help when there are problems which you cannot solve.

**Calculators:** The policy on calculators will be announced before each exam.

**Quizzes:** Most weeks there will be a short quiz (20 min) in your recitation section. They will be based on the homework. These quizzes are a way to see if you have understood the recent material. They will also help you to prepare for the tests.

**Tests:** There will be three exams and a comprehensive final exam.

Exam I: Thursday, Feb 17; 7:30–9:30 pm.

Exam II: Thursday, March 24; 7:30–9:30 pm.

Exam III: Tuesday, April 26; 7:30–9:30 pm.

The final exam is scheduled by the university. Check the following webpage to see the schedule for your corresponding section. <http://www.tamu.edu/admissions/records/FESSpring2005.htm>.

If you have a conflict with an exam, or more than two finals on the same day, you must contact me as soon as possible (at least a week in advance for the midterm exams and at least a month in advance for the final) so suitable rescheduling arrangements may be made.

**Grades:** Your grade will be determined by three common exams (the same for all sections of Math 152), a cumulative final exam, quizzes, and a laboratory grade. The weights of each of these are as follows. Exam I (15%), Exam II (15%), Exam III (15%), Final (25%), Quizzes (15%) and Lab (15%). The letter grades will be assigned on the usual scale: 90–100% is an A, 80–89% is a B, 70–79% is a C, 60–69% is a D.

**Make-Up Policy:** Make-ups for missed quizzes and tests will only be given if you provide a written university approved excuse and you notify me by the end of the next working day as per university rules. Whenever possible you should inform me before a quiz or test is missed.

**Getting help:** There are several options for getting help with this course:

- Ask questions in class. Chances are that other students are also confused and a brief question in class will save you hours of misery later.

- Attend the Help Sessions and/or Week in Review. The times and locations will be posted on the course homepage <http://calclab.math.tamu.edu/docs/math152/>. Amy Austin will be holding a live review each Monday, 5:30–7:30 pm; HELD 109. For information on the reviews refer to <http://www.math.tamu.edu/amy.austin/wirmath152.html>.

- Come to my office during office hours. You should be prepared with specific questions. If the question is about how to solve a particular problem, you should have already tried working the problem as far as you can, and you should bring this work with you. If the question is conceptual, you should attempt to pinpoint your confusion. If you cannot attend my office hours, feel free to contact me and make an appointment.

- The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845–1637.

**Maple:** Be aware of the Maple Adoption program <http://calclab.math.tamu.edu/maple/adoption/>.

**Scholastic Dishonesty:** Cheating of any form is not acceptable and it will be dealt with harshly if detected. If not detected, you will still be punished since you will be ill-prepared for the quizzes and exams, and in addition, it degrades the value of a Texas A&M degree.

Copying work done by others, in or out of class, is an act of scholastic dishonesty and it will be prosecuted to the full extent allowed by university policy. Collaboration on assignments is permitted, however each student must write up their own solutions. For more information regarding scholastic dishonesty, see the University Student Rules.

The Aggie Honor Code: “An Aggie does not lie, cheat, or steal, or tolerate those who do.” Note that this includes discussing quizzes or exams with, or within hearing of others who have not yet taken them. See <http://www.tamu.edu/aggiehonor> for more information.

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