**Syllabus of Math3796: Symbolic Computation**

3 credit hours, Spring 2013

Instructor: Dr. Taixi Xu, Office D-122, email: txu@spsu.edu

Meetings: Section 001: 11:00am – 11:50am MWF in D-137

Office Hours: 10:00am – 11:00am MTWRF or by appointment

Text Book: No textbook is required. The weekly Maple worksheets of lectures and
homework will be emailed to each student.

Learning Upon completing this course students should be able to:
Outcomes: 1. Understand the Maple language structure
 2. Employ Maple to perform various symbolic computations in
 mathematics and other fields
 3. Benefit in their future careers including mathematical research and
 teaching

Evaluation: There will be two tests worth 100 points each. Homework will be worth a total of 50 points. One comprehensive final exam is worth 100 points. Everyone must take the final exam. 50 points will be reserved for class participation. The grades may be curved to a normal distribution if necessary.

Grading: Tests: 200 points 90% - 100% Grade A
Homework: 50 points 80% - 89% Grade B
Class Participation: 50 points 70% - 79% Grade C
Final Exam: 100 points 60% - 99% Grade D
Total: 400 points Below 60% Grade F

Makeups: Make-up exams will only be given at the discretion of the instructor, and
with a valid excuse for the absence. You must contact the instructor by email before the exam or quiz if you need to arrange a make-up.

Homework: Homework will be assigned regularly and should be done on time. Some of them will be discussed during the next class. Remember that you cannot learn this subject without doing the homework.

Attendance: Regular attendance is essential. You are strongly recommended to attend every class. A signup sheet will be passing around to keep track of attendance.

Cell Phones: Please turn off all cell phones before class begins. Except in the case of an emergency, cell phone use, including texting, is not permitted in this class.

Honor Code: SPSU has an Honor Code and a new procedure relating to when academic misconduct is alleged. All students should be aware of them. Information about the Honor Code and the misconduct procedure may be found at <http://spsu.edu/honorcode/>

Disability Students with disabilities who believe that they may need
Statement: accommodations in this class are encouraged to contact the counselor
 working with disabilities at (678)915-7226 as soon as possible to better
 insure that such accommodations are implemented in a timely fashion.

Important Mon. Jan. 7 First Day of Class
Dates: Mon. Jan. 21 Martin Luther King Jr. Holiday
 Tue. Feb. 26 Withdrawal Day
 Mon. Mar. 4 – Fri. Mar. 8 Spring Break
 Mon. Apr. 28 Last Day of Class Spring 2013
 Wed. May 1 - Tue. May 7 Final Exams