

Course Syllabus  
Math 560.03  
Calculus III  
3 Credits  
Fall, 2004

1. **Class meeting information:** Class meets in 418 LDB  
Monday and Wednesday 12:30 - 2:00 pm
2. **Professor:** Dr. Jacqueline Jensen  
**Office:** 410 Lee Drain  
**Office Phone:** 294-3517  
**e-mail:** jensen@shsu.edu  
**web-page:** [http://www.shsu.edu/~mth\\_jaj](http://www.shsu.edu/~mth_jaj)
3. **Office Hours:** By appointment.
4. **Course Description:**  
This course includes a survey of knot and graph theory.  
Students taking Math 560 must have graduate student standing and consent of instructor.  
Class will be primarily oriented around student presentations, with some supplemental lectures.
5. **Course Objectives:**  
Students completing this course should have an understanding of some of the techniques and ideas fundamental to elementary knot theory and elementary graph theory.
6. **Required Textbooks:**  
The Knot Book, by Colin C. Adams.  
Introduction to Graph Theory, by Robin Wilson.
7. **Attendance Policy:** Students are expected to attend every class. Students are expected to arrive to class on time. If a student is perpetually late, they will be asked to not attend class unless they arrive on time.
8. **Assignments:** Students will be expected to prepare and present lectures on the topics in knot and graph theory. Participation is mandatory. The goal of the student presenter is to understand the material well enough to explain it to other students, and to be prepared to answer questions posed by other members of the class.
9. **Grading Plan:** The course grade is based on entirely on presentations.  
The course grade will be assigned via the following table:

Performance	Grade
Excellent	A
Good	B
Satisfactory	C
Unsatisfactory	D
Failing	F

10. **Academic Dishonesty:** All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on and examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.
11. **Classroom Rules of Conduct:** Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **Cellular telephones and pagers must be turned off before class begins.** Students are prohibited from using tobacco products in class, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing or engaging in any other form of distraction. **Inappropriate behavior in the classroom shall result in a directive to leave class.** Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.
12. **Visitors in the Classroom:** Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.
13. **Student Absences on Religious Holy Days Policy:** Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

14. **Disabled Student Policy:** SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Counseling Center and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. **NOTE:** No accommodation can be made until you register with the Counseling Center.
15. **Additional Information** All information on this syllabus is subject to change. Any changes will be announced in class.