

Course Syllabus  
MTH 477.01  
Algebraic Structures  
3 Credit Hours  
Fall, 2007

1. **Class meeting information:** Class meets in LDB 401  
Monday, Wednesday, and Friday 12:00 - 12:50 p.m.
2. **Professor:** Dr. Jon Short  
**Office:** LDB 432  
**Office Phone:** 294-1471  
**e-mail:** jon@shsu.edu
3. **Office Hours:**  
Tuesday and Thursday: 9:30 - 11:30 a.m.  
and by appointment.
4. **Course Description:** Topics include groups, rings, fields, finite groups and Abelian groups.  
Prerequisites: MTH 364 or consent of instructor.  
The class will be primarily lecture-oriented.
5. **Course Objectives:** You will learn the basic concepts of algebraic structures and apply these concepts to mathematical proofs.
6. **Required Textbook:** *Contemporary Abstract Algebra* by Gallian, Sixth Edition. We will cover all or most of parts 1-4.
7. **Required Supplies:** Pencils, paper, and three blue-books.
8. **Attendance Policy:** You are expected to attend every class and to arrive on time. If class must be missed, you are expected to get the notes and homework assignment from a classmate.
9. **Assignments:** Homework will be assigned almost every class period, and collected periodically. I will inform you when homework is to be collected. It is your responsibility to ask questions about homework problems that you were not able to complete or did not understand. Late homework will seldom be accepted and only when I deem that you have a viable reason for not being able to turn the homework in on time.
10. **Exams:** There will be two exams during the semester and a final exam. I will inform you of the exam dates, at least one week in advance. The final exam will be comprehensive unless otherwise notified.  
In general, *there are no make-up exams*. If you miss an exam because of an emergency, then contact me immediately. With my approval, you might be allowed to take the exam at another time.  
The final exam will be held on **Monday, December 10 from 2:00 p.m. - 4:00 p.m.**
11. **Grading Plan:** The course grade is based on:

Homework	40%
Exam 1	20%
Exam 2	20%
Final Exam	20%

The course grade will be assigned using:

Percentage earned	Grade
90-100%	A
80 - 89%	B
70 - 79%	C
60 - 69%	D
0 - 59%	F

I reserve the right to lower the grading scale if necessary.

12. **Academic Dishonesty:** You are expected to engage in all academic pursuits in a manner that is above reproach. You 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.
13. **Classroom Rules of Conduct:** You 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.** You 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. You who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.
14. **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.
15. **Religious Holidays:** 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 time frame in which the missed assignments and/or examinations are to be completed.
16. **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.
17. **Miscellaneous:** At times the course structure may need to be adjusted to provide for a better learning environment. Thus I reserve the right to make changes to the syllabus. All changes will be announced in class.