

Tarleton State University
Department of Mathematics, Physics, & Engineering
Course Syllabus

Math 404: Survey of Mathematical ideas

Fall 2008

MATH 404-010

TR 8:00 –9:15 a.m.

Instructor: Dr. Bowen Brawner **Office:** Math 235C
Phone: 254.968.9530 **E-mail:** brawner@tarleton.edu
Math Office: 254.968.9168 *** email is my preferred contact method**

Office Hours: MT RF 9:20 a.m. – 10:20 a.m.
W 2:00 p.m. – 3:00 p.m.
Other times are by appointment.

Textbook & Materials:

Fostering Algebraic Thinking by Mark Driscoll

Principle and Standards for School Mathematics by The National Council of Teachers of Mathematics

Miscellaneous supplies as described in class

Ti-83 or Ti-84 graphing calculator is required.

Grading System:	TEExES Notebook/Presentations	60%
	Class assignments	20%
	Final Exam	20%

Course Goals:

- To do lots of problem solving
- To make connections between and among topics in mathematics
- To overtly think about constructivist learning of mathematics
- To study mathematics topics from a variety of different approaches
- To study in some depth topics from algebra and geometry.
- To prepare for the TEExES exam

Late Work Policy: Please pay careful attention to due dates. I do not accept late work. If an emergency comes up and you must miss a test, contact me as soon as possible (i.e., before the test is given).

University Policy: Students are responsible for knowing and abiding by the policies and information contained in the Tarleton Student Handbook.

Student Responsibilities: The student is *solely* responsible for:

- Completing each assignment by the specified due date.
- Obtaining assignments and other materials for classes from which they are absent.
- Utilizing, as needed, all available study-aid options (including meeting with the instructor, referring to outside texts, etc.) to resolve any questions that they might have regarding course material.
- Giving as much of an effort as it takes to pass this course.

Academic Conduct: Students guilty of academic dishonesty, cheating, or plagiarism in academic work shall be subject to disciplinary action. The instructor may initiate disciplinary action in any case of academic misconduct.

Services for Students with Disabilities: Student Disabilities Services is located in the Mathematics Building, Room 201. Students who have special instructional needs because of a physical handicap or a learning disability should discuss their special needs with Ms. Trina Geye, Director of Student Disabilities Services. Call 968-9400 (or email disability@tarleton.edu) to schedule an appointment.

Frequently tutoring through the Teaching and Learning Center (968-9480) is also available (at no charge) for students desiring extra help. The Teaching and Learning Center (968-9480) is located in the Thompson Student Center, Room 15.

Absence Policy: Class absence policies will be established and enforced by each individual course instructor. The course instructor may recommend to the Dean of Students that a student be dropped from a course if excessive absences prevent satisfactory progress. Regular attendance is vital to your success in this course!

Notes:

- In the event that the university is closed for a scheduled class time, whatever was scheduled for that day and/or whatever was due that day will be scheduled and/or due on the next scheduled class time.
- Please turn off your cell phone (or put it on silent) and put it away during class.
- You are expected to present a TSU ID upon request.
- All items contained in this syllabus are subject to change as the semester progresses. Students will be notified of any changes.