

MA205 Lesson 1

Introduction To Math 205

Monday, 20 August, 2007

Outline

- 1 Who We Are
 - Who I Am
 - Who You Are
- 2 What We Will Do
 - Apply Math to Life
- 3 How We Will Do It
 - Syllabus

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Major Bowman's Teaching Style

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Major Bowman's Experiences Pre-Military

- Born and Raised in Olympia Washington until 14 years old

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- Commissioned Into the Engineer Branch

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- Graduated Engineer Officer Basic Course

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- Fire Team Leader in Wild Land Forest Fires in Montana

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- Graduated Engineer Advanced Course

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- Moved to Naperville for Master's Degree at University of Illinois Chicago

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Major Bowman's Experiences Military - Major

- Promoted to Major at the Naperville VFW

Major Bowman's Experiences Military - Major



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- Promoted to Major at the Naperville VFW
- Graduated from UIC

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Major Bowman's Hobbies

- Hobbies
 - Brewing Beer
 - Motorcycles
 - Lifting Weights
 - Listening to Music
 - Driving and working on my 1965 Mustang

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Who Are You

- A Little Exercise to find out who you are

Who Are You

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- Make Sure SynchronEyes is working

Who Are You

- A Little Exercise to find out who you are
- Make Sure SynchronEyes is working
- **Oh No Not a Quiz!!!!**

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Tsunamis

Thesis

Course and Block Objectives

Look at your Course Guide for Objectives. Check the objectives to see if you know them all before a test.

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My Web Page

▶ My Web Site

Syllabus Ground Rules

Ground Rules:

- 1 Items to bring to class every day
 - 1 Textbook
 - 2 Course Guide
 - 3 Laptop
- 2 Drinks
 - 1 Water allowed in any spill-proof water bottle.
 - 2 Other beverages must be in Dean approved mug only
- 3 Food - No Food or Gum
- 4 Bathroom - Just go, don't distract others if possible
- 5 Answering Questions - If a VIP visits the room raise your right hand if you know the answer or raise your left hand if you don't.

Syllabus Ground Rules

1 Class Preparation

- 1 Come to class having completed the reading assignment and the mechanics based problems listed in the course guide
- 2 Read in two phases:
 - 1 Initial Scan - highlight formulas
 - 2 Second Read - try to understand concepts or examples

2 Assignment and Project Deadlines

- 1 Timely submission of academic requirements is a duty. All assignments will be turned-in during. Late submissions, without prior approval, require academic penalty.
- 2 If extenuating circumstances prevent a cadet from submitting the assignment on time, I may extend the submission deadline. In such cases, if the extended deadline is met, the submission is not late.

Syllabus Ground Rules

- 1 Graded quizzes will be taken weekly, depending on how many we take I will drop some of the lowest scores. Some non-graded quizzes will be given at the end of class to help me judge progress in the class (these quizzes will be anonymous).
- 2 Homework
 - 1 Block Homework will be given during each block. The problems will cover material already covered and some from material not yet covered. These assignments will not be due until after the material has been covered.
 - 2 We may have one question homework to take home and turn in the next morning.
- 3 Problem Solving Labs - No quizzes will be given during PSL. Usually will include small experiments or involved board problems.

Syllabus Ground Rules

1 Bonus Point Opportunities

- 1 Cadets who bring in an application of that days topic that is not listed in the book or course guide will be eligible for bonus points, positive spot reports, or an additional low quiz drop. Cadets will vote on the relevance and quality of the application. I will be the final vote. Cadet should include a video, computer application, or physical model and be able to defend their application.
- 2 Course Guide spot checks
- 3 Attendance of Math Forums
- 4 Pictures of you on vacation or in historical places with the Stewart Text