

Fall 9-1-2005

MAT 110T.03: Industrial Mathematics

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The University Of Montana

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MAT 110T - 03 Industrial Math Syllabus

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Text: *Elementary Technical Mathematics* Ewen/Nelson, Brooks/Cole, Publisher

MAT 110T is designed to provide the mathematical background necessary for success in industrial areas. Topics covered include percent, ratio, proportion, formula evaluation, basic algebra, basic geometry concepts, trigonometry, and measurement.

Fall 2005 Course Outline

8/29 M §1.1, 1.2, 1.3,1.4	8/31 W §1.5,1.6,1.7,1.8	9/5 M Labor Day Holiday	9/7 W § 1.9, 1.10, 1.11, 1.12	9/12 M §1/13. 1/14,2.1, 2.2, 2.3
9/14 W §2.3,2.4,2.5, 2.6	9/19 M § 7.1, 7.2, volume	9/21 W Test 1	9/26 M § 3.1, 3.2,3.3,3.4	9/28 W § 1.9,3.5,3.6,3.7,3.4
10/3 M §2.5, 2.6,4.1,4.2	10/5 W §4.3,4.4,4.7,volume	10/10 M §4.5,4.6,4.9,volume	10/12 W Test 2	10/17 M § 5.1, 5.2, 5.3,5.4,5.5
10/19 W § 5.5, 6.1,6.2, 6.3	10/24 M §6.3, 6.4,6.5	10/26 W § 6.6, 6.7, 6.8	10/31 M §7.1, 7.2	11/2 W § 6.4,7.3, 7.4
11/7 M Test 3	11/9 W Volumes	11/14 M § 8.1, 8.2, 8.3	11/16 W § 8.2, 8.3, 8.4	11/21 M § 9.1, 9.2, 9.3 & takehome Test 4
11/23 W Thanksgiving -- Travel Day	11/28 M Graphing & Chapter 13	11/30 W §12.1, 12.2, 12.3, 12.4	12/5 M §12.5, 12.6, 12.7, 12.8	
			12/7 W Cumulative Review	12/13 - 12/17 Cumulative Final ! TBA Best guess !!

This syllabus is, of course, approximate and subject to change as the needs of the class demand it (or as the whims of the instructor dictates). Be flexible and try to do your best and I promise that I will do likewise.

Grades

A problem set may be assigned daily; quizzes may also occur during a class period. Please be aware of the work assigned and what will be discussed that class period. Problem sets are due the day of the test. Final grades will be based on the chapter tests, the problem sets, the computer project, the quizzes, the daily work and the cumulative final. Attendance will be used for grading, chapter tests are worth about 60 points each, problem sets are worth about 10 points each, the project is worth 25 points and the cumulative final is worth 120 points for a total. The following grading scale will be used.

90-100%	A
80-89%	B
68-79%	C
60-67%	D
Below 60%	F

Makeup Tests and Late Problem Sets

If you have special circumstances, which prevent you from taking a test on time, please make every effort to notify me ahead of time. Only under the direst circumstances will a makeup test be given without prior approval. Problem sets **will not** be accepted later than the day the test is taken. For eligible students with disabilities, please bring the form to me at least 2 days in advance of the test. Accommodations will be made.

Test Return Policy

I will attempt to have corrected tests returned no later than one week after the test date. There is no way I will be able to return corrected tests any sooner. If you have questions regarding corrected tests, please wait until after the class to discuss them with me.

Attendance

The most important part of this class.

Cheating

No form of cheating will be tolerated. The penalty for cheating on a test is loss of **all** points for that test. Cheating is not worth the effort and is unfair to those who are honest.