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MAT 110T.01: Industrial Mathematics

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The University Of Montana

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Recommended Citation

MAT 110T
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	8/31 W §1.4, 1.5 1.6	9/2 F §1.7, 1.8	9/5 M **Labor Day** **(no school)**	9/7 W §1.10, 1.11, 1.12
9/9 F §1.9, 1.13, 1.14	9/12 M §2.1, 2.2	9/14 W § 2.3, 2.4	9/16 F 2. 5, 2.6	9/19 M § 7.1, 7.2, volume
9/21 W **Test 1**	9/23 F formulas & calculators	9/26 M §3.1, 3.2	9/28 W §3.3, 3.4	9/30 F §3.5, 3.6, 3.7
10/3 M §4.1, 4.2, 4.3, 4.7	10/5 W §4.4, 4.5, 4.6, 4.8	10/7 F /areas & volumes	10/10 M § 4.6, 4.7, 4.8, 4.9	10/12 W **Test 2**
10/14 F §5.1, 5.2, 5.3	10/17 M §5.4, 5.5, 5.6	10/19 W § 6.1, 6.2, 6.3, 6.4	10/21 F MEA days	10/24 M §6.5, 6.6, 6.7
10/26 W §6.8 6.9	10/28 F §7.1, 7.2	10/31 M §7.3, 7.4	11/2 W §8.1, 8.2	11/4 F §8.3, 8.4
11/7 M **Test 3**	11/ 9 W volumes	11/11 F **Veteran's Day** **(no school)**	11/14 M chapter 9	11/16 W § 10.1, 10.2,10.3, 10.4
11/18 F §11.1, 11.2	11/21 M Chpts. 8,9,10 & Take-home **Test 4**	11/23 W -- **Thanksgiving ---** Travel Day	11/28 M Graphing & Chapter 13	11/30 W §12.1, 12.2, 12.3
12/ 2 F 12/16 §12.4, 12.5	12/5 M §12.7, 12.8	12/7 W Graphing Review	12/9 F Cumulative Review	12/12 - Final Test date & time tba

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

Final grades will be based on the problem sets, project work, chapter tests and the cumulative final. Chapter tests are worth about 60 points each and the cumulative final is worth 150 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.

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 till after class to discuss them with me.

Attendance

Attendance has been found to be **entirely necessary** and thus is considered **extremely important**. Extra time to make up any missed work, including tests, will be at the discretion of the instructor and **will not** take up additional class time.

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.