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# MAT 100.01: Intermediate Algebra 

Charles E. Myers<br>University of Montana, Missoula

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## Intermediate Algebra <br> Syllabus

Professor: Chuck Myers
Office: H\&B Building, East Campus, College of Technology
Phone: 649-2737 (message), 243-7824
Email: chuckm@selway.umt.edu or chuckm@blackfoot.net
Text: Intermediate Algebra Bittinger/Keedy, Addison Wesley, Publisher

Math 100 is a one-semester intermediate algebra course. Algebra allows us to solve for unknown quantities, draw graphs of relationships between numbers and make use of the inherent structure of our number system. This class will concentrate on application of algebra, integration among math and other disciplines and the communication thereof.

Fall 2006 Course Outline

| 8/28 M | 8/30 W | 9/1 F | 9/4 M | 9/6 W |
| :---: | :---: | :---: | :---: | :---: |
| § 1.1, 1.2 | § 1.3, 1.7 | § 1.4, 1.5 | Labor Day | § 1.6, 1.7,2.1, 2.2 |
| $\begin{aligned} & \hline 9 / 8 \mathrm{~F} \\ & \quad \text { § 2.1,2.2, 2.3, } 2.4 \end{aligned}$ | 9/11 M $\text { § 2.4, 2.5, } 2.6$ | $\begin{aligned} & 9 / 13 \mathrm{~W} \\ & \quad \S 3.1,3.2,3.3 \end{aligned}$ | 9/15 F $\text { § 3.3, 3.4, } 3.5$ | 9/18 M §3.6, 3.7, 3.8 |
| 9/20 W <br> Test 1 | $9 / 22 \mathrm{~F}$ <br> Review of chapters 1-3 | $\begin{aligned} & \hline 9 / 25 \mathrm{M} \\ & \\ & \\ & \\ & \S 4.1,4.2 \end{aligned}$ | $9 / 27 \mathrm{~W}$ <br> § 4.3 | $9 / 29 \mathrm{~F}$ <br> Graphing |
| $10 / 2 \mathrm{M}$ $\text { § } 4.3$ | $\begin{gathered} \hline 10 / 4 \mathrm{~W} \\ \S 4.4,4.5 \end{gathered}$ | $10 / 6 \mathrm{~F}$ $\text { §5.1, } 5.2$ | $\begin{aligned} & \hline 10 / 9 \mathrm{M} \\ & \\ & \quad \S 5.3,5.4 \end{aligned}$ | $\begin{aligned} & 10 / 11 \mathrm{~W} \\ & \\ & \S 5.5,5.6,5.7 \end{aligned}$ |
| $\begin{aligned} \hline 10 / 13 \mathrm{~F} & \\ & \S 5.7,5.8 \end{aligned}$ | $\begin{aligned} & \hline 10 / 16 \mathrm{M} \\ & \\ & \S 5.8 \end{aligned}$ | $\begin{gathered} 10 / 18 \mathrm{~W} \\ \text { Test } 2 \end{gathered}$ | $10 / 23 \mathrm{M}$ <br> Review of chapters 1-5 | $\begin{aligned} & 10 / 25 \mathrm{~W} \\ & \qquad \text { § 6.1, } 6.2 \end{aligned}$ |
| 10/27 F <br> § 6.3 | $\begin{array}{r} \hline 10 / 30 \mathrm{M} \\ \text { §6.4, } 6.5 \end{array}$ | $\begin{aligned} & 11 / 1 \mathrm{~W} \\ & \quad \S 6.6,6.7,6.8 \end{aligned}$ | $\begin{aligned} \hline 11 / 3 \mathrm{~F} & \\ & \\ & \S 6.5,6.8 \end{aligned}$ | $11 / 6 \mathrm{M}$ $\text { §7.1, } 7.2$ |
| $\begin{aligned} & \hline 11 / 8 \mathrm{~W} \\ & \quad \text { §7.1, 7.2, } 7.3 \end{aligned}$ | $11 / 10 \mathrm{~F}$ <br> Veteran's Day Holiday | 11/13 M <br> §7.3, 7.4, 7.5 | $\begin{array}{r} \hline 11 / 15 \mathrm{~W} \\ \text { §7.5, } 7.6 \end{array}$ | $\begin{aligned} & \hline 11 / 17 \mathrm{~F} \\ & \quad \S 7.7,7.8 \end{aligned}$ |
| $11 / 20 \mathrm{M}$ <br> Test 3 | 11/22 W <br> Travel Day <br> No School | $\begin{aligned} & \hline 11 / 27 \mathrm{M} \\ & \text { § 8.1, } 8.2 \end{aligned}$ | $\begin{aligned} & 11 / 29 \mathrm{~W} \\ & \text { § 8.3, 8.4, } 8.5 \end{aligned}$ | $\begin{aligned} & 12 / 1 \mathrm{~F} \\ & \text { § 10.1, 10.2, } 10.3 \end{aligned}$ |
| $12 / 4 \mathrm{M}$ <br> chapter 11 | 12/6 W Graphing Review | $12 / 8 \mathrm{~F}$ <br> Cumulative Re |  | 12/11-15 <br> Cumulative Final AD 04 |

## Grades

A problem set will be handed out at the beginning of each chapter. Problem sets are due the day of the test. Final grades will be based on the eight chapter tests, the problem sets, and the cumulative final. Chapter tests are worth 100 points each, problem sets are worth 10 points each, and the cumulative final is worth 150 points for a total of 1030 points. 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.

## 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.

