

Online Math 99 Weekly Schedule

WEEK	DATES/SECTIONS	WATCH VIDEO LECTURES	TURN IN ACTIVITY	CHAPTER TEST DUE
1	1/11 – 1/17 Appendix D & E	Compound Inequalities Absolute Value Equations Absolute Value Inequalities	Compound Inequalities Activity due (Sun. 1/17 10 pm) Absolute Value Equations and Inequalities Activity due (Sun. 1/17 10 pm)	Getting to Know You Discussion Post due (Sun. 1/17 10 pm)
2	1/18 – 1/24 1/18 – Holiday 3.1, 3.2, 3.3, 3.4	Slope Graphing Lines		Appendix D and E Test due (Sun. 1/24 10 pm) Discussion Post due (Sun. 1/24 10 pm)
3	1/25 – 1/31 3.5, 3.6, 8.1	Writing Equations of Lines Graphing Linear Inequalities and Systems of Inequalities	Lines Activity due (Sun. 1/31 10 pm) Applications of Linear Functions (Sun. 1/31 10 pm)	Chapter 3 and 8.1 Test due (Sun. 1/31 10 pm) Discussion Post due (Sun. 1/31 10 pm)
4	2/1 – 2/7 8.2, 8.3, 8.4, 8.5	Functions Piecewise Defined Functions Transformations of Functions	Functions Activity due (Sun. 2/7 10 pm) Transformations and Piecewise Functions Activity due (Sun. 2/7 10 pm)	Chapter 8 Test due (Sun. 2/7 10 pm) Discussion Post due (Sun. 2/7 10 pm)
5	2/8 – 2/14 4.1, 4.2, 4.3, 4.4, 9.1, 9.2	Solving Systems of Equations Applications of Linear Systems Using Matrices to Solve Systems of Equations	Systems of Equations and Matrices Activity due (Sun. 2/14 10 pm)	Discussion Post due (Sun. 2/14 10 pm)
6	2/15 – 2/21 2/15 – Holiday 9.3, 9.4	Variation May need to review video lecture on Graphing Linear Inequalities and Systems of Inequalities (Chapter 3)	Matrix Problems Activity due (Sun. 2/21 10 pm) Systems of Inequalities and Variation Activity due (Sun. 2/21 10 pm)	Chapter 4 and 9 Test due (Sun. 2/21 10 pm) Discussion Post due (Sun. 2/21 10 pm)
7	2/22 – 2/28 2/23 – Student Success Day 5.3 – 5.7, 6.1 – 6.7	Polynomials – Add, Subtract, Multiply and Divide Synthetic Division Factoring Solving Equations by Factoring	Polynomials and Factoring Activity due (Sun. 2/28 10 pm) Solving Equations by Factoring Activity due (Sun. 2/28 10 pm)	Arrange proctor for midterm if not taking on campus and e-mail me information! Discussion Post due (Sun. 2/28 10 pm)
8	3/1 – 3/7 3/8 – 3/14 – SPRING BREAK			Chapter 5 and 6 Test due (Sun. 3/7 10 pm) Discussion Post due (Sun. 3/7 10 pm)

9	3/15 – 3/21 7.1, 7.2, 7.3, 7.4, 7.7	Rational Expressions – Domain, Simplify, Multiply, Divide Rational Expressions – Add, Subtract, Complex Fractions	Midterm Practice due (Wed. 3/17 or Thurs. 3/18 – Bring with you to Midterm Exam and turn in that day)	Midterm Exam in class (Wed. 3/17 6-8 pm or Thurs. 3/18 3-5 pm - Room TBA) Discussion Post due (Sun. 3/21 10 pm)
10	3/22 – 3/28 7.5, 7.6	Difference Quotients Solving Equations and Word Problems Containing Rational Expressions	Multiplying and Dividing Rational Expressions Activity due (Sun. 3/28 10 pm) Rational Expressions and Equations Activity due (Sun. 3/28 10 pm)	Chapter 7 Test due (Sun. 3/28 10 pm) Discussion Post due (Sun. 3/28 10 pm)
11	3/29 – 4/4 10.1 – 10.5	Simplify, Multiply and Divide Radicals Rational Exponents Adding and Subtracting Radicals Rationalizing Denominators and More Simplifying	Radicals Activity due (Sun. 4/4 10 pm) Rational Exponents Activity due (Sun. 4/4 10 pm)	Discussion Post due (Sun. 4/4 10 pm)
12	4/5 – 4/11 10.6, 10.7	Solving Radical Equations Complex Numbers	Radical Equations Activity due (Sun. 4/11 10 pm) Complex Numbers Activity due (Sun. 4/11 10 pm)	Chapter 10 Test due (Sun. 4/11 10 pm) Discussion Post due (Sun. 4/11 10 pm)
13	4/12 – 4/18 11.1 – 11.6	Solving Quadratic Equations Quadratic Functions and Graphs Non-Linear Inequalities Solving Non-Linear Equations	Solving Quadratic Equations Activity due (Sun. 4/18 10 pm) Quadratic Graphs and Non-Linear Inequalities Activity due (Sun. 4/18 10 pm)	Discussion Post due (Sun. 4/18 10 pm)
14	4/19 – 4/25 12.1, 12.2	Composition of Functions Inverse Functions (these two lectures are on Chapter 12 material, not on the test due this week)		Chapter 11 Test due (Sun. 4/25 10 pm) Discussion Post due (Sun. 4/25 10 pm)
15	4/26 – 5/2 12.3 – 12.7	Evaluating Logs and Properties of Logs Solving Exponential and Log Equations Applications of Exponential and Logarithmic Functions	Solving Logarithmic and Exponential Equations Activity due (Sun. 5/2 10 pm)	Arrange proctor for final exam if not taking on campus and e-mail me information! Discussion Post due (Sun. 5/2 10 pm)
16	5/3 – 5/9 12.3, 12.4, 13.1	Graphing Exponential and Logarithmic Functions Parabolas and Circles	Circles, Parabolas, Logs and Exponents Graphing Activity due (Sun. 5/9 10 pm)	Chapter 12 and 13.1 Test due (Sun. 5/9) Discussion Post due (Sun. 5/9 10 pm)

17	5/10 – 5/16		Final Exam Review Sheet due (Wed. 5/12 – Bring with you to Final Exam to turn in that day)	Final Exam In class (Wed. 5/12 - Room TBA, 6 – 9 pm)
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*The Video Lectures can be located on D2L under the content page (be sure to click on the UNDOCK icon to view them). Additional video lectures created by the textbook publishers can be found on MyMathLab. It is also recommended that you read your textbook and do HW problems from the textbook and/or on MyMathLab.

* **All Activities, Discussion Posts and Chapter Tests are due on Sundays by 10 pm.** Activities can be:

- slipped under my office door (Library 247),
- faxed to me (651-450-3303),
- **scanned and submitted to the D2L dropbox (preferred method!!! Use a single pdf file!),** or
- mailed to me at: Carrie Naughton (must be postmarked by due date)

Inver Hills Community College
Library 247
2500 East 80th Street
Inver Grove Heights, MN 55076

Please make sure your name is at the top of each page of your activity HW before you submit!

* You are required to make postings to the D2L discussion board every week. These posts should be questions or responses to your classmates about activities or course material. The posts must be different from what others have posted. Be specific in your questions. An example of a good post might be, "I keep getting #10 wrong. Here is what I did . . . Can you tell me where I went wrong?" Please be polite with your posts, using correct English and a respectful tone.

*I will be at Inver Hills during my office hours (L 247) on Mondays, Wednesdays and Thursdays. You may come to the Math Center outside my office to work on activities and HW with other students. I will be happy to answer questions and give guidance as well.

***Office Hours: MW 5 – 5:50 pm, Thurs. 3 – 5 pm, Tues. 9 – 10 pm (may vary)**

*Additional help is also available Monday-Friday from the peer tutor center or Math Center (2nd floor of the library).

*The rooms and times for the Midterm Exam and Final Exam will be announced later. Please check e-mail and D2L for announcements.

*If you are taking the Midterm or Final at a location other than Inver Hills, you need to notify me at least two weeks in advance of the time, location, e-mail address, and proctor for your Midterm or Final.