

**Calendar – MATH 1075**  
**Spring 2020**  
**The Ohio State University**

- The course calendar is subject to change. Changes to the calendar will be announced in class and/or through Carmen.
- Class sessions in this course meet Tuesday through Friday until April 17; Tuesday/Thursday classes meet with your recitation instructor, and Wednesday/Friday classes meet with your lecturer.
- Section numbering refers to *Beginning & Intermediate Algebra* (4<sup>th</sup> ed., OSU custom version) by Miller, O’Neill, and Hyde. Students using the ALEKS e-textbook may refer to the course syllabus for section-by-section equivalences.

<b>Date</b>	<b>Topic</b>	<b>Assessments &amp; Due Dates</b>
<b>Week 1</b>		
M. Jan. 6		
T. Jan. 7	5.1 Linear Inequalities	
W. Jan. 8	5.2 Compound Inequalities	
R. Jan. 9	5.2	
F. Jan. 10	5.3-5.4 Absolute Value Equations and Inequalities	HW 5.1-5.2 due by 11:59 pm
<b>Week 2</b>		
M. Jan. 13		
T. Jan. 14	5.3-5.4	HW 5.3-5.4 due by 11:59 pm
W. Jan. 15	5.5 Graphing Systems of Linear Inequalities	
R. Jan. 16	5.5	Quiz 1 (5.1-5.4)
F. Jan. 17	6.1 GCF and Factoring by Grouping	HW 5.5 due by 11:59 pm
<b>Week 3</b>		
M. Jan. 20	<i>Martin Luther King, Jr. Day</i>	
T. Jan. 21	6.1	HW 6.1 due by 11:59 pm
W. Jan. 22	6.2-6.4 Factoring Trinomials	
R. Jan. 23	6.2-6.4	Quiz 2 (5.5, 6.1)
F. Jan. 24	6.5-6.6 Special Forms of Factoring	HW 6.2-6.4 due by 11:59 pm
<b>Week 4</b>		
M. Jan. 27		<i>Optional: Review of Prerequisite Topics I, II, and III Due by 11:59 pm</i>
T. Jan. 28	6.5-6.6; Factoring Workshop	HW 6.5-6.6 due by 11:59 pm
W. Jan. 29	6.7 Solving Equations with the Zero Product Rule	
R. Jan. 30	6.7	Quiz 3 (6.2-6.6)
F. Jan. 31	<i>Review for Midterm 1</i>	HW 6.7 due by 11:59 pm <i>Last day to drop without “W”</i>
<b>Week 5</b>		
M. Feb. 3		
T. Feb. 4	<i>Review for Midterm 1</i>	<b>Midterm 1 (6:30-7:25 pm): sections 5.2-5.5, 6.1-6.7</b>
W. Feb. 5	7.1 Intro to Rational Expressions; 7.2 Multiply and Divide Rational Expressions	
R. Feb. 6	7.1-7.2	
F. Feb. 7	7.3 LCD; 7.4 Adding and Subtracting Rational Expressions	HW 7.1-7.2 due by 11:59 pm

<b>Week 6</b>		
M. Feb. 10		
T. Feb. 11	7.3-7.4	HW 7.3-7.4 due by 11:59 pm
W. Feb. 12	7.5 Complex Fractions	
R. Feb. 13	7.5	Quiz 4 (7.1-7.4)
F. Feb. 14	7.6 Solving Rational Equations	HW 7.5 due by 11:59 pm
<b>Week 7</b>		
M. Feb. 17		
T. Feb. 18	7.6	HW 7.6 due by 11:59 pm
W. Feb. 19	7.7 Applications of Rational Expressions, Part I (Proportions, Similar Triangles, and Work)	
R. Feb. 20	7.7	Quiz 5 (7.5-7.6)
F. Feb. 21	7.7 Applications of Rational Expressions, Part II (Distance, Rate, Time)	HW 7.7 (Part I) due by 11:59 pm
<b>Week 8</b>		
M. Feb. 24		
T. Feb. 25	7.7	HW 7.7 (Part II) due by 11:59 pm
W. Feb. 26	7.8 Variation	
R. Feb. 27	7.8	Quiz 6 (7.7)
F. Feb. 28	<i>Review for Midterm 2</i>	HW 7.8 due by 11:59 pm
<b>Week 9</b>		
M. Mar. 2		
T. Mar. 3	<i>Review for Midterm 2</i>	<b>Midterm 2 (6:30-7:25 pm): sections 7.1-7.8</b>
W. Mar. 4	8.1-8.2 Introduction to Relations and Functions	
R. Mar. 5	8.1-8.2	
F. Mar. 6	8.3 Graphs of Functions; 8.4 Algebra of Functions with Composition	HW 8.1-8.2 due by 11:59 pm
<b>Week 10</b>		
M. Mar. 9	<i>Spring Break</i>	
T. Mar. 10	<i>Spring Break</i>	
W. Mar. 11	<i>Spring Break</i>	
R. Mar. 12	<i>Spring Break</i>	
F. Mar. 13	<i>Spring Break</i>	
<b>Week 11</b>		
M. Mar. 16		
T. Mar. 17	8.3-8.4	HW 8.3-8.4 due by 11:59 pm
W. Mar. 18	9.1 Definition of $n^{\text{th}}$ Root; 9.2 Rational Exponents	
R. Mar. 19	9.1-9.2	Quiz 7 (8.1-8.4)
F. Mar. 20	9.3 Simplifying Radical Expressions; 9.4 Addition and Subtraction of Radical Expressions	HW 9.1-9.2 due by 11:59 pm <i>Last day to drop course without petitioning</i>
<b>Week 12</b>		
M. Mar. 23		
T. Mar. 24	9.3-9.4	HW 9.3-9.4 due by 11:59 pm

W. Mar. 25	9.5-9.6 Multiplication and Division of Radical Expressions	
R. Mar. 26	9.5-9.6	Quiz 8 (9.1-9.4)
F. Mar. 27	9.7 Solving Radical Equations	HW 9.5-9.6 due by 11:59 pm
<b>Week 13</b>		
M. Mar. 30		
T. Mar. 31	9.7	HW 9.7 due by 11:59 pm
W. Apr. 1	10.1 Square Root Property and Completing the Square	
R. Apr. 2	10.1	Quiz 9 (9.5-9.7)
F. Apr. 3	<i>Review for Midterm 3</i>	HW 10.1 due by 11:59 pm
<b>Week 14</b>		
M. Apr. 6		
T. Apr. 7	<i>Review for Midterm 3</i>	<b>Midterm 3 (6:30-7:25 pm): sections 8.1-8.4, 9.1-9.7, 10.1</b>
W. Apr. 8	10.2 Quadratic Formula (with applications)	
R. Apr. 9	10.2	
F. Apr. 10	10.4 Graphs of Quadratic Functions	HW 10.2 due by 11:59 pm
<b>Week 15</b>		
M. Apr. 13		
T. Apr. 14	10.4	HW 10.4 due by 11:59 pm
W. Apr. 15	10.5 Vertex of a Parabola	
R. Apr. 16	10.5	Quiz 10 (10.2, 10.4)
F. Apr. 17	<i>Review for Final Exam</i>	HW 10.5 due by 11:59 pm
<b>Week 16</b>		
M. Apr. 20	<i>Last Day of Classes</i>	
T. Apr. 21	<i>Reading Day</i>	
W. Apr. 22	Final Exam ( <i>cumulative of all course material</i> )	<b>Final Exam (6:00-7:45 PM)</b>