

**MATH 1075 Course Calendar**  
**Autumn 2019**  
**The Ohio State University**

*The course calendar is subject to change.*

*Classes meet Tuesday through Friday until December 4; Tuesday/Thursday classes meet with your recitation instructor, and Wednesday/Friday classes meet with your lecturer.*

| <b>Date</b>   | <b>Topic</b>  | <b>Assessments &amp; Due Dates</b>         |
|---------------|---|--|
| <b>Week 1</b> |   |  |
| T. Aug. 20    | 5.1 Linear Inequalities (recitation)  |  |
| W. Aug. 21    | 5.2 Compound Inequalities   |  |
| R. Aug. 22    | 5.2   |  |
| F. Aug. 23    | 5.3-5.4 Absolute Value Equations; Abs. Value Inequalities   |  |
| <b>Week 2</b> |   |  |
| M. Aug. 26    |   | HW 5.1-5.2 due by 11:59pm                  |
| T. Aug. 27    | 5.3-5.4   | Quiz 1: 5.1-5.2                            |
| W. Aug. 28    | 5.5 Systems of Linear Inequalities  | HW 5.3-5.4 due by 11:59pm                  |
| R. Aug. 29    | 5.5   |  |
| F. Aug. 30    | 6.1 GCF & Factoring by Grouping   |  |
| <b>Week 3</b> |   |  |
| M. Sep. 2     |   | HW 5.5 due by 11:59pm                      |
| T. Sep. 3     | 6.1   | Quiz 2: 5.3-5.5                            |
| W. Sep. 4     | 6.2-6.4 Factoring Trinomials  | HW 6.1 due by 11:59pm                      |
| R. Sep. 5     | 6.2-6.4   |  |
| F. Sep. 6     | 6.5-6.6 Factoring Difference of Squares & Perfect Square Trinomials;<br>Factoring Sum & Difference of Cubes |  |
| <b>Week 4</b> |   |  |
| M. Sep. 9     |   | HW 6.2-6.4 due by 11:59pm                  |
| T. Sep. 10    | Factoring Workshop  | Quiz 3: 6.1-6.4                            |
| W. Sep. 11    | Review  | HW 6.5-6.6 due by 11:59pm                  |
| R. Sep. 12    | Review  | <b>Midterm Exam 1 (5:30-6:25pm)</b>        |
| F. Sep. 13    | 6.7 Solving Equations Using the Zero-Product Rule   | <i>Last day to drop course without "W"</i> |
| <b>Week 5</b> |   |  |
| M. Sep. 16    |   | No HW due                                  |
| T. Sep. 17    | 6.7   |  |
| W. Sep. 18    | 7.1 Introduction to Rational Expressions  | HW 6.7 due by 11:59pm                      |
| R. Sep. 19    | 7.1   |  |
| F. Sep. 20    | 7.2 Multiplication & Division of Rational Expressions   |  |
| <b>Week 6</b> |   |  |
| M. Sep. 23    |   | HW 7.1 due by 11:59pm                      |
| T. Sep. 24    | 7.2   | Quiz 4: 6.7-7.1                            |
| W. Sep. 25    | 7.3-7.4 LCD; Addition & Subtraction of Rational Expressions   | HW 7.2 due by 11:59pm                      |
| R. Sep. 26    | 7.3-7.4   |  |
| F. Sep. 27    | 7.5 Complex Fractions   |  |
| <b>Week 7</b> |   |  |
| M. Sep. 30    |   | HW 7.3-7.4 due by 11:59pm                  |
| T. Oct. 1     | 7.5   | Quiz 5: 7.2-7.4                            |
| W. Oct. 2     | 7.6 Solving Rational Equations  | HW 7.5 due by 11:59pm                      |
| R. Oct. 3     | 7.6   |  |
| F. Oct. 4     | 7.7 Applications of Rational Equations & Proportions  |  |
| <b>Week 8</b> |   |  |
| M. Oct. 7     |   | HW 7.6 due by 11:59pm                      |
| T. Oct. 8     | 7.7   | Quiz 6: 7.5-7.6                            |
| W. Oct. 9     | 7.8 Variation   | HW 7.7 due by 11:59pm                      |
| R. Oct. 10    | <i>Autumn Break – No Class</i>  |  |
| F. Oct. 11    | <i>Autumn Break – No Class</i>  |  |

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|------------------------|--|-------------------------------------|
| <b>Week 9</b>          |  |                                     |
| M. Oct. 14             |  | No HW due                           |
| T. Oct. 15             | 7.8  | Quiz 7: 7.7                         |
| W. Oct. 16             | Review   | HW 7.8 due by 11:59pm               |
| R. Oct. 17             | Review   | <b>Midterm Exam 2 (5:30-6:25pm)</b> |
| F. Oct. 18             | 8.1-8.2 Intro to Relations; Intro to Functions   |                                     |
| <b>Week 10</b>         |  |                                     |
| M. Oct. 21             |  | No HW due                           |
| T. Oct. 22             | 8.1-8.2  |                                     |
| W. Oct. 23             | 8.3-8.4 Graphs of Functions; Operations on Functions                                   | HW 8.1-8.2 due by 11:59pm           |
| R. Oct. 24             | 8.3-8.4  |                                     |
| F. Oct. 25             | 9.1-9.2 Introduction to $n^{\text{th}}$ Roots (Radicals); Rational Exponents           |                                     |
| <b>Week 11</b>         |  |                                     |
| M. Oct. 28             |  | HW 8.3-8.4 due by 11:59pm           |
| T. Oct. 29             | 9.1-9.2  | Quiz 8: 8.1-8.4                     |
| W. Oct. 30             | 9.3-9.4 Simplifying Radical Expressions; Addition & Subtraction of Radical Expressions | HW 9.1-9.2 due by 11:59pm           |
| R. Oct. 31             | 9.3-9.4  |                                     |
| F. Nov. 1              | 9.5-9.6 Multiplication of Radicals; Division of Radicals and Rationalization           |                                     |
| <b>Week 12</b>         |  |                                     |
| M. Nov. 4              |  | HW 9.3-9.4 due by 11:59pm           |
| T. Nov. 5              | 9.5-9.6  | Quiz 9: 9.1-9.4                     |
| W. Nov. 6              | 9.7 Solving Radical Equations  | HW 9.5-9.6 due by 11:59pm           |
| R. Nov. 7              | 9.7  |                                     |
| F. Nov. 8              | 10.1 Square Root Property and Completing the Square                                    |                                     |
| <b>Week 13</b>         |  |                                     |
| M. Nov. 11             |  | HW 9.7 due by 11:59pm               |
| T. Nov. 12             | 10.1   | Quiz 10: 9.5-9.7                    |
| W. Nov. 13             | Review   | HW 10.1 due by 11:59pm              |
| R. Nov. 14             | Review   | <b>Midterm Exam 3 (5:30-6:25pm)</b> |
| F. Nov. 15             | 10.2 Quadratic Formula   |                                     |
| <b>Week 14</b>         |  |                                     |
| M. Nov. 18             |  | No HW due                           |
| T. Nov. 19             | 10.2   |                                     |
| W. Nov. 20             | 10.4 Graphs of Quadratic Functions   | HW 10.2 due by 11:59pm              |
| R. Nov. 21             | 10.4   |                                     |
| F. Nov. 22             | 10.5 Vertex of a Parabola: Applications and Modeling                                   |                                     |
| <b>Week 15</b>         |  |                                     |
| M. Nov. 25             |  | HW 10.4 due by 11:59pm              |
| T. Nov. 26             | 10.5   | Quiz 11: 10.2, 10.4                 |
| W. Nov. 27             | <i>Thanksgiving Break</i>  |                                     |
| R. Nov. 28             | <i>Thanksgiving Break</i>  |                                     |
| F. Nov. 29             | <i>Indigenous Peoples' Day Observed</i>  |                                     |
| <b>Week 16</b>         |  |                                     |
| M. Dec. 2              |  | HW 10.5 due by 11:59pm              |
| T. Dec. 3              | Review   |                                     |
| W. Dec. 4              | Review   |                                     |
| R. Dec. 5              | <i>Reading Day</i>   |                                     |
| F. Dec. 6              |  |                                     |
| <b>Final Exam Week</b> |  |                                     |
| M. Dec. 9              |  |                                     |
| T. Dec. 10             |  |                                     |
| W. Dec. 11             | <b>Math 1075 Final Exam (cumulative)</b>   | <b>Final Exam (8:00-9:45pm)</b>     |