**MTH 202 Sample Pacing Plan - Series First Fall 2022**

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| Week | Monday | Tues | Wed | Friday |
| Week 1  Last day to drop 9/2 | 8-29 | 8-30 | 8-31 | 9-2 |
| Classroom norms/  5.1 Sequences | 5.1 Sequences | 5.1 Sequences/5.2 Series | 5.2/5.3 Divergence and Integral Test |
| Week 2 | 9-5 | 9-6 | 9-7 | 9-9 |
| 5.3 Divergence Test | Assessment | 3.7 Improper Integrals | 5.3 (con’t) Integral Test |
| Week 3 | 9-12 | 9-13 | 9-14 | 9-16 |
| 5.4 Comparison Test | 5.4 Comparison Test  Assessment | 5.5 Alternating Series | 5.5/5.6 |
| Week 4 | 9-19 | 9-20 | 9-21 | 9-23 |
| 5.6 Ratio and Root Tests | Assessment | All Series Tests | Review of Integration and 1.5 Substitution |
| Week 5 | 9-26 | 9-27 | 9-28 | 9-30 |
| 1.5 Substitution | Assessment | 3.1 Integration by Parts | 3.1 Integration by Parts/ 3.2 Trig Integrals |
| Week 6 | 10-3 | 10-4 | 10-5 | 10-7 |
| 3.2 Trig Integrals | Assessment | 3.3 Trig Sub | 3.3 Trig Sub/3.4 Partial Fractions |
| Week 7  **\* Midterm grades due Friday** | 10-10 | 10-11 | 10-12 | 10-14 |
| 3.4 Partial Fractions | Assessment | All integration techniques | 2.1 Area between curves |

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| Week 8 | 10-24 | 10-25 | 10-26 | 10-28 |
| 2.2 Volume by Slicing | Assessment/  2.2 Volume by Slicing | 2.3 Shells | 2.3 Shells |
| Week 9 | 10-31 | 11-1 | 11-2 | 11-4 |
| 2.4 Arc Length | Assessment | 6.1 Power Series | 6.1 Power Series/6.2 Properties of Power Series |
| Week 10 | 11-7 | 11-8 | 11-9 | 11-11 |
| 6.2 Properties of Power Series | Assessment | 6.3 Taylor and Maclaurin | 6.3 Taylor and Maclaurin |
| Week 11 | 11-14 | 11-15 | 11-16 | 11-18 |
| 6.4 Working with Taylor | Assessment | 7.1 Parametric | 7.1 Parametric |
| Week 12  **\*Last day to withdraw Wed. 11/23** | 11-21 | 11-22 | 11-23 | 11-25 |
| 7.2 Calculus of Parametric Curves | Assessment | 7.2 Calculus of Parametric Curves | **Thanksgiving Break** |
| Week 13 | 11-28 | 11-29 | 11-30 | 12-2 |
| 7.3 Polar | Assessment | 7.3 Polar | 7.4 Area and Arc Length in Polar |
| Week 14 | 12-5 | 12-6 | 12-7 | 12-8 |
| *\*Optional Topics: DE or Work* | Assessment | *\*Optional Topics: DE or Work* | REVIEW |

*\* Indicate Optional Topics*