Winter 2022 MTH 385 Schedule:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jan 2nd	3rd **1**	4th	5th **2** **Classes Begin** 1.1 Arithmetic and Geometry & 1.2 Pythagorean Triples	6th	7th	8th
9th	10th **3** 1.3 Rational Points on the Circle	11th	12th **4** 1.4 Right-Angled Triangles	13th	14th	15th
16th	17th **Holiday** **MLK Day No Classes**	18th	19th **5** 1.5 Irrational Numbers	20th	21st	22nd
23rd	24th **6** 2.1 The Deductive Method	25th	26th **7** 2.2 The Regular Polyhedra	27th	28th	29th
30th	31st **8** 2.3 Ruler and Compass Constructions	Feb 1st	2nd **9** 2.4 Conic Sections	3rd	4th	5th

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6th	7th **10** 2.5 Higher-Degree Curves	8th	9th **11** 3.1 The Role of Number Theory & 3.2 Polygonal, Prime, and Perfect Numbers	10th	11th	12th
13th	14th **12** 3.3 The Euclidean Algorithm	15th	16th **13** 3.4 Pell's Equation	17th	18th	19th
20th	21st **14** 3.5 The Chord and Tangent Methods	22nd	23rd **15** 5.1 Algebra & 5.2 Linear Equations and Elimination	24th	25th	26th
27th	28th **Winter Break**	Mar 1st	2nd	3rd	4th	5th
6th	7th **16** **Classes resume** 5.3 Quadratic Equations	8th	9th **17** 5.4 Quadratic Irrationals	10th	11th	12th
13th	14th **18** 5.5 The Solution of the Cubic	15th	16th **19** 5.6 Angle Division	17th	18th	19th

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
20th	21st **20** 5.7 Higher-Degree Equations	22nd	23rd **21** 5.8 The Binomial Theorem	24th	25th	26th
27th	28th **22** 5.9 Fermat's Theorem	29th	30th **23** 6.1 Steps Toward Analytic Geometry & 6.2 Fermat and Descartes	31st	Apr 1st	2nd
3rd	4th **24** 8.1 What Is Calculus? & 8.2 Early Results on Areas and Volumes	5th	6th **25** 8.3 Maxima, Minima, and Tangents	7th	8th	9th
10th	11th **26** 8.4 The *Arithmetica Infinitorum* of Wallis	12th	13th **27** 8.5 Newton's Calculus of Series	14th	15th	16th
17th	18th **28** 8.6 The Calculus of Leibniz	19th **Classes End**	20th **29**	21st	22nd	23rd
24th	25th **30**	26th	27th **Final Exam** **10:30 AM - 1:00 PM**	28th	29th	30th