Precalculus
Semester One Pace Chart
Fall 2021

Week	Dates	Assignments
1	08/16- 08/20	01.00 Functions Checklist 01.01 Key Features of Functions and Their Graphs 01.02 Polynomial Functions
2	08/23- 08/27	01.03 Rational Functions 01.04 Radical Functions 01.05 Functions Mid-Module Check
3	08/30- 09/03	01.06 Exponential Functions 01.07 Logarithmic Functions 01.08 Piecewise Functions
4	09/07- 09/10	01.09 Functions Discussion-Based Assessment 01.10 Functions Exam
5	09/13 – 09/17	02.00 Applications of Functions Checklist 02.01 Compare Key Features of Functions 02.02 Systems of Equations 02.03 Combining Functions
6	09/20- 09/24	02.04 Composing Functions 02.05 Applications of Functions Mid-Module Check 02.06 Inverse Functions
7	09/27-10/01	02.07 Difference Quotient 02.08 Applications of Functions Discussion-Based Assessment
8	10/04- 10/08	02.09 Applications of Functions Exam 03.00 Conic Sections Checklist 03.01 Exploring Conic Sections
9	10/11- 10-15	03.02 Circles 03.03 Parabolas 03.04 Conic Sections Mid-Module Check
10	10/18- 10/22	03.05 Ellipses 03.06 Hyperbolas 03.07 Applications Using Conic Sections

11	10/25- 10/29	03.08 Conic Sections Discussion-Based Assessment 03.09 Conic Sections Exam
12	11/01 – 11/05	04.00 Sequences and Series Checklist 04.01 Sequences vs. Series 04.02 Arithmetic Sequences
13	11/08 – 11/12	04.03 Geometric Sequences 04.04 Series 04.05 Applications of Sequences and Series
14	11/15-11/19	04.06 Sequences and Series Discussion-Based Assessment 04.07 Sequences and Series Exam
15	11/22- 11/27	Thanksgiving Break
16	11/29- 12/03	04.08 Segment One Practice Exam
17	12/06- 12/10	04.09 Segment One Exam
18	12/13-12/15	Grades due to schools

Precalculus
Semester Two Pace Chart
Fall 2021

Week	Dates	Assignments
1	08/16- 08/20	05.00 Trigonometry Checklist 05.01 Defining Trigonometric Functions and Their Angles 05.02 Law of Sines 05.03 Law of Cosines
2	08/23- 08/27	05.04 Unit Circle 05.05 Making the Unit Circle Work for You 05.06 Trigonometry Mid-Module Check
3	08/30- 09/03	05.07 Graphing the Sine and Cosine Functions 05.08 Graphing Other Trigonometric Functions 05.09 Analyzing Trigonometric Functions
4	09/07- 09/10	05.10 Trigonometry Discussion-Based Assessment 05.11 Trigonometry Exam
5	09/13 – 09/17	06.00 Trigonometric Identities and Formulas Checklist 06.01 Trigonometric Identities 06.02 Angle Sum and Difference Formulas
6	09/20- 09/24	06.03 Double-Angle and Half-Angle Formulas 06.04 Trigonometric Identities and Formulas Mid-Module Check 06.05 Applying Trigonometric Identities
7	09/27-10/01	06.06 Solving Trigonometric Equations 06.07 Trigonometric Identities and Formulas Discussion-Based Assessment
8	10/04- 10/08	06.08 Trigonometric Identities and Formulas Exam 07.00 Vectors Checklist 07.01 What is a vector?
9	10/11- 10-15	07.02 How are vectors written? 07.03 What vector operations can be applied? 07.04 How are vectors multiplied?
10	10/18- 10/22	07.05 Vectors Mid-Module Check 07.06 Can vectors change size? 07.07 Why are vectors useful?

11	**10/25- 10/29**	07.08 Vectors Discussion-Based Assessment 07.09 Vectors Exam
12	**11/01 – 11/05**	08.00 Analyzing the Coordinate Plane Checklist 08.01 Polar Coordinates 08.02 Polar Equations
13	**11/08 – 11/12**	08.03 Complex Numbers 08.04 Applications of Complex Numbers 08.05 Parametric Equations
14	**11/15-11/19**	08.06 Analyzing the Coordinate Plane Discussion-Based Assessment 08.07 Analyzing the Coordinate Plane Exam
15	**11/22-11/26**	Thanksgiving Break
16	**11/29- 12/03**	08.08 Segment Two Practice Exam
17	**12/06- 12/10**	08.09 Segment Two Exam
18	**12/13-12/15**	Grades Submitted to Schools