

Mr. Heinen - AP Precalculus Course Syllabus - SY 2025-26						
Student Days 147	Date	DOW	Section	Topic	Assignments	Remarks
1	8/11/2025	Mon	1.1	Change in Tandem	Teacher handouts	
2	8/12/2025	Tue			Prep Notebook / Binder	
3	8/13/2025	Wed				
4	8/14/2025	Thu			All section practice	
5	8/18/2025	Mon	1.2	Rates of Change		
6	8/19/2025	Tue			All section practice	
	8/20/2025	Wed				NWEA BOY (estimated date)
	8/21/2025	Thu	1.3	Rates of Change in Linear and Quadratic Functions	All section practice	
7	8/25/2025	Mon	1.4	Polynomial Functions and Rates of Change	All section practice	
8	8/26/2025	Tue			All section practice	
9	8/27/2025	Wed				
10	8/28/2025	Thu	1.5	Polynomial Functions and Complex Zeros	All section practice	
	9/1/2025	Mon				Labor Day
11	9/2/2025	Tue	1.6	Polynomial Functions and End Behavior		
12	9/3/2025	Wed			All section practice	
13	9/4/2025	Thu				
14	9/8/2025	Mon	1.7	Rational Functions and End Behavior	All section practice	
15	9/9/2025	Tue	1.8	Rational Functions and Zeros		
16	9/10/2025	Wed			All section practice	
17	9/11/2025	Thu				
18	9/15/2025	Mon	1.9	Rational Functions and Vertical Asymptotes	All section practice	
19	9/16/2025	Tue	1.10	Rational Functions and Holes		
20	9/17/2025	Wed			All section practice	
21	9/18/2025	Thu			All section practice	
22	9/22/2025	Mon	1.11	Equivalent Representations of Polynomial and Rational Expressions		
23	9/23/2025	Tue			All section practice	
24	9/24/2025	Wed	1.12	Transformations of Functions		
25	9/25/2025	Thu			All section practice	
26	9/29/2025	Mon	1.13	Function Model Selection and Assumption Articulation		
27	9/30/2025	Tue			All section practice	
28	10/1/2025	Wed				
29	10/2/2025	Thu	1.14	Function Model Construction and Application	All section practice	
30	10/6/2025	Mon	1.14	Function Model Construction and Application	No Assignment	
31	10/7/2025	Tue	1	Unit 1 Review		
32	10/8/2025	Wed		Unit 1 Exam		
33	10/9/2025	Thu				End 1st Qtr.
34	10/13/2025	Mon	2.1	Change in Arithmetic and Geometric Sequences	All section practice	
35	10/14/2025	Tue				

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36	10/15/2025	Wed	2.2	Change in Linear and Exponential Functions	All section practice	
37	10/16/2025	Thu				Parent - Teacher
	10/17/2025	Fri				
38	10/20/2025	Mon	2.3	Exponential Functions	All section practice	
39	10/21/2025	Tue				
40	10/22/2025	Wed	2.4	Exponential Function Manipulation	All section practice	
41	10/23/2025	Thu				
42	10/27/2025	Mon	2.5	Exponential Function Context and Data Modeling	Quiz	
43	10/28/2025	Tue			All section practice	
44	10/29/2025	Wed	2.6	Competing Function Model Validation	All section practice	
45	10/30/2025	Thu				
46	11/3/2025	Mon	2.7	Composition of Functions	All section practice	
47	11/4/2025	Tue				
48	11/5/2025	Wed	2.8	Inverse Functions		
49	11/6/2025	Thu				
50	11/10/2025	Mon	2.9	Logarithmic Expressions	All section practice	
51	11/11/2025	Tue				
52	11/12/2025	Wed	2.10	Inverses of Exponential Functions	All section practice	
53	11/13/2025	Thu				
54	11/17/2025	Mon	2.11	Logarithmic Functions	All section practice	
55	11/18/2025	Tue				
56	11/19/2025	Wed	2.12	Logarithmic Function Manipulation	All section practice	
57	11/20/2025	Thu			Quiz	
	11/24/2025	Mon				Thanksgiving Week
	11/25/2025	Tue				
	11/26/2025	Wed				
	11/27/2025	Thu				
68	12/1/2025	Mon				
69	12/2/2025	Tue	2.13	Exponential and Logarithmic Equations and Inequalities	All section practice	
70	12/3/2025	Wed				
71	12/4/2025	Thu	2.14	Logarithmic Function Context and Data Modeling	All section practice	
72	12/8/2025	Mon				
73	12/9/2025	Tue	2.15	Semi-log Plots	All section practice	
74	12/10/2025	Wed				
75	12/11/2025	Thu		Float Day		
76	12/15/2025	Mon	2	Unit 2 Review		
	12/16/2025	Tue		Unit 2 Exam		NWEA MOY
	12/17/2025	Wed				(estimated date)
77	12/18/2025	Thu				End 2nd Qtr.
	12/22/2025	Mon				Christmas Break
	1/4/2026	Sun				
78	1/5/2026	Mon	3.1	Periodic Phenomena	All section practice	
79	1/6/2026	Tue				

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Student Days 147	Date	DOW	Section	Topic	Assignments	Remarks
80	1/7/2026	Wed	3.2	Sine, Cosine, and Tangent	All section practice	
81	1/8/2026	Thu				
82	1/12/2026	Mon	3.3	Sine and Cosine Function Values	All section practice	
83	1/13/2026	Tue				
84	1/14/2026	Wed	3.4	Sine and Cosine Function Graphs		
85	1/15/2026	Thu			All section practice	
	1/19/2026	Mon				ML King Holiday
86	1/20/2026	Tue	3.5	Sinusoidal Functions	All section practice	
87	1/21/2026	Wed				
88	1/22/2026	Thu	3.6	Sinusoidal Function Transformations	All section practice	
89	1/26/2026	Mon				
90	1/27/2026	Tue	3.7	Sinusoidal Function Context and Data Modeling	All section practice	
91	1/28/2026	Wed				
92	1/29/2026	Thu	3.8	The Tangent Function	All section practice	
93	2/2/2026	Mon			All section practice	
94	2/3/2026	Tue	3.9	Inverse Trigonometric Functions	All section practice	
95	2/4/2026	Wed				
96	2/5/2026	Thu	3.10	Trigonometric Equations and Inequalities	All section practice	
97	2/9/2026	Mon				
98	2/10/2026	Tue	3.11	The Secant, Cosecant, and Cotangent Functions		
99	2/11/2026	Wed			All section practice	
100	2/12/2026	Thu	3.12	Equivalent Representations of Trigonometric Functions		
	2/16/2026	Mon				Presidents Day
101	2/17/2026	Tue				
102	2/18/2026	Wed	3.13	Trigonometry and Polar Coordinates	All section practice	
103	2/19/2026	Thu				
104	2/23/2026	Mon	3.14	Polar Function Graphs	All section practice	
105	2/24/2026	Tue				
106	2/25/2026	Wed	3.15	Rates of Change in Polar Functions	All section practice	
107	2/26/2026	Thu				
108	3/2/2026	Mon				
109	3/3/2026	Tue	3	Unit 3 Review		
110	3/4/2026	Wed		Unit 3 Exam		
111	3/5/2026	Thu				End 3rd Qtr.
112	3/9/2026	Mon		Float Days		
113	3/10/2026	Tue				
114	3/11/2026	Wed				
115	3/12/2026	Thu				
	3/13/2026	Fri				Parent - Teacher
	3/16/2026	Mon				Spring Break
	3/17/2026	Tue				
	3/18/2026	Wed				
	3/19/2026	Thu				
	3/20/2026	Fri				

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Student Days 147	Date	DOW	Section	Topic	Assignments	Remarks
116	3/23/2026	Mon	4.1	Parametric Functions		
117	3/24/2026	Tue			All section practice	
118	3/25/2026	Wed	4.2	Parametric Functions Modeling Planar		
119	3/26/2026	Thu				
120	3/30/2026	Mon	4.3	Parametric Functions and Rates of Change	All section practice	
121	3/31/2026	Tue			All section practice	
122	4/1/2026	Wed	4.4	Parametrically Defined Circles and Lines		
123	4/2/2026	Thu			All section practice	
124	4/6/2026	Mon	4.5	Implicitly Defined Functions		
125	4/7/2026	Tue			All section practice	
126	4/8/2026	Wed	4.6	Conic Sections		
127	4/9/2026	Thu			All section practice	
128	4/13/2026	Mon	4.7	Skip		
129	4/14/2026	Tue	4.8	Vectors		
130	4/15/2026	Wed			All section practice	
131	4/16/2026	Thu	4.9	Vector-Valued Functions	All section practice	
132	4/20/2026	Mon				
133	4/21/2026	Tue	4.10	Matrices	All section practice	
134	4/22/2026	Wed				
135	4/23/2026	Thu	4.11	The Inverse and Determinant of a Matrix	All section practice	
136	4/27/2026	Mon			All section practice	
137	4/28/2026	Tue	4.14	Matrices Modeling Contexts		
138	4/29/2026	Wed				
139	4/30/2026	Thu	4	Unit 4 Exam	All section practice	
140	5/4/2026	Mon		AP EXAM REVIEW		
141	5/5/2026	Tue		AP EXAM REVIEW	All section practice	
	5/6/2026	Wed		AP EXAM REVIEW	All section practice	NWEA EOY (estimated date)
	5/7/2026	Thu				
142	5/11/2026	Mon		AP EXAM REVIEW		
143	5/12/2026	Tue		AP EXAM		
	5/13/2026	Wed				Other Testing
	5/14/2026	Thu				
144	5/18/2026	Mon		In Class Project		Final Exams
145	5/19/2026	Tue				
146	5/20/2026	Wed				
147	5/21/2026	Thu			Go on summer break!	End 4th Qtr.