MAT 341: Calculus III

Spring 2026

MWF 12:30 – 1:20 PM

Course Schedule

The following is an estimated schedule for the class this semester. It will likely change, so come to class to keep up with any updates.

Date	Sections Covered	Homework Due
Jan 7	Intro, 1.1, 1.2	
Jan 9	1.3	
Jan 12	1.4	**1.1:** 2, 13, 15, 17; **1.2:** 64 - 70 (even), 88, 100, 102, 109, 110, 123
Jan 14	2.1	**1.3:** 125, 126, 132, 133, 154 - 172 (even)
Jan 16	2.2	**1.4:** 188 - 196 (even), 202, 204, 206, 228, 230, 231, 233, 235, 236
Jan 19	No School - MLK Day	
Jan 21	2.3, 2.4	**2.1:** 6, 10, 16, 22, 28, 32, 33, 34, 36, 55
Jan 23	2.5	**2.2:** 62 - 72 (even), 98 - 110 (even)
Jan 26	2.6	**2.3:** 126 - 132 (even), 159, 165, 168; **2.4:** 184, 186, 188, 198, 205, 209, 210
Jan 28	2.7	**2.5:** 244 - 256 (even), 268 - 274 (even), 282, 288
Jan 30	3.1, 3.2	**2.6:** 303, 304, 307, 309 - 318 (all), 340 - 344 (even)
Feb 2	Catch-up/Review	**2.7:** 364 - 374 (even), 380, 382, 386 - 396 (even), 400, 402
Feb 4	Exam 1 (Ch. 1 - 2)	
Feb 6	3.3	
Feb 9	3.4	**3.1:** 6, 12 - 18 (even), 22, 26; **3.2:** 42, 44, 46, 52, 80, 81, 82, 100
Feb 11	4.1, 4.2	**3.3:** 102 - 110 (even), 113, 114, 116, 117, 132, 134, 138, 139
Feb 13	4.3	**3.4:** 158 - 166 (even), 167, 168, 188, 190, 192
Feb 16	No School - Presidents' Day	
Feb 18	4.4	**4.1:** 16, 18, 20, 42, 45, 46; **4.2:** 62 - 74 (even), 86, 87, 88, 89
Feb 20	4.5	**4.3:** 118 - 138 (even), 139, 158
Feb 23	4.6	**4.4:** 170, 174 - 182 (even), 186, 192, 200, 208
Feb 25	4.7	**4.5:** 216, 218, 222 - 228 (even), 242, 244, 254, 256
Feb 26	4.8	**4.6:** 260 - 278 (even), 290, 292, 299, 300, 307
Feb 27	5.1	**4.7:** 324 - 340 (even), 344, 345, 346, 352, 354

Mar 2	Catch-up/Review	**4.8:** 358 - 366 (even), 379, 393
Mar 4	Exam 2 (Ch. 3 - 4)	
Mar 6	5.2	
Mar 9	5.3	**5.1:** 6, 8, 12, 14, 19, 24 - 30 (even), 36, 40, 44
Mar 11	5.4	**5.2:** 63 - 67 (all), 74, 78, 80, 83, 85, 95, 96, 98
Mar 13	5.5	**5.3:** 122 - 140 (even), 144, 148, 178*
Spring Break: Mar 16 - Mar 20		
Mar 23	5.6	**5.4:** 181, 184 - 194 (even), 204, 220, 222
Mar 25	5.7	**5.5:** 242, 244, 246, 250, 270 - 276 (even), 280, 284
Mar 27	6.1	**5.6:** 300, 302, 304, 312ab, 314ab, 316ab, 324, 346, 348
Mar 30	6.2	**5.7:** 358, 360, 368, 369, 372, 378 - 388 (even), 394, 396, 400†, 404
Apr 1	6.3	**6.1:** 1, 6, 8, 10, 16, 18, 20, 26, 30, 32 - 38‡ (all)
Apr 3	6.4	**6.2:** 49, 50, 52, 56, 58, 62, 71, 87 - 90 (all)
Apr 6	Catch-up/Review	**6.3:** 106 - 128 (even)§, 139
Apr 8	Exam 3 (Ch. 5 - 6.3)	
Apr 10	6.5	
Apr 13	6.6	**6.4:** 146, 150, 152, 162 - 168 (even), 173, 174, 176
Apr 15	6.7	**6.5:** 212 - 230 (even), 236, 260
Apr 17	6.8	**6.6:** 274, 276, 278, 282, 284, 286, 292, 306, 308, 322, 324
Apr 20	Catch-up/Review	**6.7:** 326, 344, 346, 350, 354, 356, 374, 375‖
Apr 22	Catch-up/Review	**6.8:** 386, 388, 390, 394, 406, 408, 412, 424
May ??	Final Exam	

* Interesting yet long problem with difficult algebra. Ask me for the solution.

† Typo: Should be $\frac{x^2}{5}$ instead of $\frac{x^2}{3}$.

‡ Typo: **H** should be defined exactly as in the previous set: $\mathbf{H} = x\mathbf{i} - y\mathbf{j}$.

§ Typo: On problems 6.3.118 and 6.3.124, there should be no 6 preceding the term for **j**.

‖ Typo: On problem 375, there is no extra z in the y-coordinate. It should just be $2xyz^3$.