

MATH 135

COLLEGE ALGEBRA * SPRING, 2021 *

Monday	Wednesday
<p>Jan 25</p> <p>A. Syllabus ✓ B. Chapter 0 – Prologue ✓ C. Chapter 1 – Intro to Graphing ✓</p> <p>HW</p> <p>Chapters 0, 1, 2</p> <p><u>Quiz #1</u></p> <p>Chapter 0 – Prologue Posted Tuesday Due Wednesday, Midnight</p>	<p>Jan 27</p> <p>A. Chapter 2 ✓</p> <p>HW</p> <p>Chapter 3 Chapter 4</p> <p><u>Quiz #2</u></p> <p>Chapter 1 – Intro to Graphing Chapter 2 – From Graph to Equation</p> <p>Posted Thursday Due Friday, Midnight</p> <p>Submit your quiz like this: 1) print out the quiz, 2) fill in the answers and your name (<i>using dark ink</i>), 3) scan it to a single, clear, pdf, 4) attach it to an email.</p> <p><u>Activity #1:</u></p> <p>Addendum / Ch 1 / Desmos Graphing</p> <p>Due Sunday, Midnight</p>

Monday	Wednesday
<p data-bbox="191 317 293 359">Feb 1</p> <p data-bbox="191 436 683 579"> A. Review Chapter 3 ✓ B. Review Chapter 4 ✓ C. Chapter 5 ✓ </p> <p data-bbox="191 663 293 716">HW</p> <p data-bbox="191 762 386 804">Chapter 5</p> <p data-bbox="191 894 456 947"><u>Quiz #3</u> ✓</p> <p data-bbox="191 978 358 1020">Chapter 3</p> <p data-bbox="191 1024 358 1066">Chapter 4</p> <p data-bbox="191 1073 464 1115">Posted Tuesday</p> <p data-bbox="191 1121 659 1163">Due Wednesday, Midnight</p>	<p data-bbox="828 317 930 359">Feb 3</p> <p data-bbox="828 428 1190 600"> A. Review Ch 5 ✓ B. Ch 6 ✓ C. Ch 7 ✓ </p> <p data-bbox="828 663 930 716">HW</p> <p data-bbox="828 762 1000 814">Ch 6, 7</p> <p data-bbox="828 909 1092 961"><u>Quiz #4</u> ✓</p> <p data-bbox="828 993 1276 1035">Ch 0 – Division with Zeros</p> <p data-bbox="828 1041 1122 1083">Ch 2 – Example 5</p> <p data-bbox="828 1089 902 1131">Ch 5</p> <p data-bbox="828 1138 1114 1180">Posted Thursday</p> <p data-bbox="828 1186 1195 1228">Due Friday, Midnight</p> <p data-bbox="828 1325 1073 1367"><u>Activity #2:</u></p> <p data-bbox="828 1398 1032 1440">Addendum</p> <ol data-bbox="828 1446 1373 1583" style="list-style-type: none"> Ch 0 / To ∞ and Beyond Ch 9 / To ∞ and Beyond, Part A <p data-bbox="828 1619 1179 1661">Due Sunday, Midnight</p>

Monday	Wednesday
<p data-bbox="188 317 297 363">Feb 8</p> <p data-bbox="188 432 589 537">A. Review Ch 6, 7 ✓ B. Ch 8, 9 ✓</p> <p data-bbox="188 575 297 632">HW</p> <p data-bbox="188 646 363 703">Ch 8, 9</p> <p data-bbox="188 741 399 798"><u>Quiz #5</u></p> <p data-bbox="188 825 609 961">Chapters 6, 7 Posted <u>Monday</u> by 6pm Due <u>Tuesday</u>, Midnight</p>	<p data-bbox="824 317 956 363">Feb 10</p> <p data-bbox="824 422 1226 579">A. Review Ch 8, 9 ✓ B. Ch 10 (quick) ✓ C. Ch 11 lecture ✓</p> <p data-bbox="824 617 933 674">HW</p> <p data-bbox="824 688 1055 745">Ch 10, 11</p> <p data-bbox="824 783 1036 840"><u>Quiz #6</u></p> <p data-bbox="824 867 1198 1098">Chapters 8, 9 Division With Zeros Distance on the Line Posted <u>Thursday</u> Due <u>Friday</u>, Midnight</p> <p data-bbox="824 1146 1211 1245">Click → <u>Activity #3</u> Due <u>Sunday</u>, Midnight</p>

Monday

Feb 15



Wednesday

Feb 17

Review for Test #1

Note: No quiz today

Click → Test #1 ✓

Posted Thursday 2pm

Due Friday at midnight

Covers Ch 1–11 and Activities

HW

Ch 12

Ch 13 (minus Pythagorean)



Monday	Wednesday
<p data-bbox="188 317 321 363">Feb 22</p> <p data-bbox="188 436 634 594">A. Review Test #1 ✓ B. Review Ch 12, 13 ✓ C. Ch 14 lecture ✓</p> <p data-bbox="188 684 431 800">HW Chapter 14</p> <p data-bbox="188 890 459 947"><i>Quiz #7</i> ✓</p> <p data-bbox="188 974 797 1110">Chapters 12, 13 (minus Pythagorean) Posted Monday by 6pm Due Tuesday, Midnight</p>	<p data-bbox="824 317 958 363">Feb 24</p> <p data-bbox="824 436 1146 474">A. Review Ch 14</p> <p data-bbox="824 579 1235 695">HW Chapters 15, 16, 18</p> <p data-bbox="824 806 1094 911"><i>Quiz #8</i> ✓ Chapter 14</p> <p data-bbox="824 968 1214 1083"><u>Activity #4:</u> Addendum, Ch 13</p> <p data-bbox="824 1136 1386 1341"><u>Activity #5:</u> Programming (new link on the main page). Submit your answers in an email.</p>

Monday	Wednesday
<p>Mar 1</p> <p>A. Review Quiz #8 ✓ B. Review Activity #4 ✓ C. Review Programming ✓</p> <p>HW</p> <p>Ch 20 – Fractions I (omit cubics) ✓</p> <p>Ch 21 – Negative Exponents ✓</p> <p>Quiz #9 ✓ Chs 15, 16, 18, Programming Posted Monday by 6pm Due Tuesday, Midnight</p>	<p>Mar 3</p> <p>A. Review Quiz #9 ✓ B. Review HW ✓ C. Review Programming ✓</p> <p>HW</p> <p>Ch 20 – Fractions I HW #10 HW #17 g. h. i.</p> <p>Ch 19 – Factoring II (the entire chapter)</p> <p>Ch 24 – Radicals I</p> <p>Quiz #10 ✓ Chapters 20, 21 Posted Thursday by 6pm Due Friday, Midnight</p> <p><u>Activity #6:</u></p> <p>Addendum – Chapter 5 – The Calculus Corner Due Sunday, Midnight</p>

Monday	Wednesday
<p data-bbox="188 317 305 363">Mar 8</p> <p data-bbox="188 428 553 516">A. Review Quiz #10 ✓ B. Review HW ✓</p> <p data-bbox="188 600 297 657">HW</p> <p data-bbox="188 674 781 720">Ch 17 – Percent Mixture ✓</p> <p data-bbox="188 743 691 789">Ch 22 – Fractions II ✓</p> <p data-bbox="188 879 477 980"><i>Quiz #11</i> ✓ on Mar 3 HW</p> <p data-bbox="188 997 557 1085">Posted Monday by 6pm Due Tuesday, Midnight</p>	<p data-bbox="824 317 966 363">Mar 10</p> <p data-bbox="824 420 1198 508">A. Review Quiz #11 ✓ B. Review HW ✓</p> <p data-bbox="824 592 933 648">HW</p> <p data-bbox="824 686 1247 779">Ch 13 – Pythagorean Problems</p> <p data-bbox="824 808 1419 900">Ch 23 – Fractional Equations, NO Motion Problems</p> <p data-bbox="824 926 1260 972">More Programming</p> <p data-bbox="824 1062 1208 1213"><i>Quiz #12</i> Posted Thursday by 6pm Due Friday, Midnight</p> <p data-bbox="824 1262 1357 1308">NO Activity this weekend</p>

Monday	Wednesday
<p data-bbox="188 317 329 363">Mar 15</p> <p data-bbox="188 422 513 499">A. Review Quiz #12 B. Review HW</p> <p data-bbox="289 537 698 583"><i>Review for Test #2</i></p> <p data-bbox="339 604 647 646">Chapters 12–24</p> <p data-bbox="363 667 623 709">Quizzes 7–13</p> <p data-bbox="363 730 623 772">Programming</p> <p data-bbox="305 783 682 825">Activities #4 and #6</p> <p data-bbox="188 877 428 930"><i>Quiz #13</i></p> <p data-bbox="188 940 695 982">Chs 13, 23 and Programming</p> <p data-bbox="188 993 557 1035">Posted Monday by 6pm</p> <p data-bbox="188 1045 548 1077">Due Tuesday, Midnight</p>	<p data-bbox="824 317 966 363">Mar 17</p> <p data-bbox="824 422 1170 600">Review Quiz #13 More prep for Test #2 No new material No Homework</p> <p data-bbox="1003 758 1255 821"><u>Test #2</u></p> <p data-bbox="915 835 1341 919">Will arrive by email at 2 pm; due Thurs at midnight</p> <p data-bbox="824 972 1357 1024">NO Activity this weekend</p>

Monday	Wednesday
<p data-bbox="191 317 329 363">Mar 22</p> <p data-bbox="191 422 448 457">Review Test #2</p> <p data-bbox="191 548 293 600">HW</p> <p data-bbox="191 627 623 669">Ch 25 – More Equations</p> <p data-bbox="191 684 657 726">Online Practice - Ch 25</p> <p data-bbox="191 741 719 783">Ch 26 – Fractional Exponents</p> <p data-bbox="191 863 350 905">NO Quiz</p> <p data-bbox="191 940 532 982">Make-up Quiz #8:</p> <p data-bbox="191 997 763 1039"><i>Posted 6 pm; due tomorrow, noon.</i></p>	<p data-bbox="828 317 966 363">Mar 24</p> <p data-bbox="828 453 930 506">HW</p> <p data-bbox="828 554 1268 596">Ch 27 – Radicals, Part II</p> <p data-bbox="828 627 1414 669">Ch 28 – Preparing for Quadratics</p> <p data-bbox="828 705 1377 747">Ch 29 – Completing the Square</p> <p data-bbox="828 779 1198 821">Online Practice –</p> <p data-bbox="828 835 1354 915">Equations: Quadratic by Taking Square Roots</p> <p data-bbox="828 930 1300 972">Radicals: More Square Roots</p> <p data-bbox="828 978 1341 1020">Radicals: Beyond Square Roots</p> <p data-bbox="828 1066 1122 1119"><u>Quiz #14</u> ✓</p> <p data-bbox="828 1129 1117 1171">[on Monday's HW]</p> <p data-bbox="828 1178 1211 1220">Posted Thursday by 6 pm</p> <p data-bbox="828 1226 1149 1268">Due Friday, Midnight</p> <p data-bbox="828 1304 1114 1356"><u>Activity #7</u></p> <p data-bbox="828 1388 1357 1472">“The Difference Quotient with $h = 0$”</p> <p data-bbox="828 1486 1382 1570">Due Sunday, April 4 (at the end of Spring Break)</p>

Monday	Wednesday
<p>Mar 29 ✓</p> 	<p>Mar 31 ✓</p> 
<p>Apr 5</p> <p>HW</p> <p>Ch 30 – The Quadratic Formula Ch 33 – Circles</p> <p>Quiz #15 ✓</p> <p>Covering:</p> <p>Mar 24 HW Activity #7 [2 questions] Ch 25 – Section on Radical Equations [1 question]</p> <p>Posted Monday by 6pm Due Tuesday, Midnight</p>	<p>Apr 7</p> <p>HW</p> <p>Ch 31 – The Parabola Graphing and Intercepts only Ch 32 – Quadratic Modeling (includes 3×3 systems) Start at the box on Page 2</p> <p>Quiz #16 ✓</p> <p>Covering:</p> <p>Apr 5 HW [Be sure you can derive the Quadratic Formula from memory.]</p> <p>Posted Thursday by 6 pm Due Friday, Midnight</p> <p>Activity #8</p> <p>Due Sunday, Midnight</p>

Monday

Apr 12

HW

Ch 34 – The Ellipse

Ch 35 – Functions

Quiz #17

Posted Monday by 6pm

Due Tuesday, Midnight

Wednesday

Apr 14

HW

Ch 36 – Domain

Quiz #18

Posted Thursday by 6 pm

Due Friday, Midnight



**The deadline will
be strictly
enforced!**

So sorry ☹ to have to tell you this, but

NO Activity this weekend!

Monday

Apr 19

Review for Test #3

Chapters 25–36

Quizzes 14–19

Quiz #19

Posted Monday by 6pm

Due Tuesday, Midnight

Wednesday

Apr 21

Test #3 ✓

Posted today;
due Thurs at midnight.

Activity #9


Due Sunday, Midnight



Apr 23: Last Day
to Drop with a W

Monday	Wednesday
<p data-bbox="188 317 318 363">Apr 26</p> <p data-bbox="188 459 297 512">HW</p> <p data-bbox="188 562 680 602">Ch 37 – Rational Functions</p> <p data-bbox="188 638 699 720">Ch 38 – Intro to Exponential Equations</p>	<p data-bbox="824 317 954 363">Apr 28</p> <p data-bbox="824 459 933 512">HW</p> <p data-bbox="824 552 1187 592">Ch 39 – Logarithms</p> <p data-bbox="824 630 1341 711">Ch 40 – Log and Exponential Equations</p> <p data-bbox="824 764 1122 821"><i>Quiz #20 ✓</i></p> <p data-bbox="824 850 1235 890">I will provide the formula</p> $A = A_0 e^{kt}$ <p data-bbox="824 972 1008 1012">on the quiz.</p> <p data-bbox="824 1041 1268 1129">Posted Thursday by 6 pm Due Friday, Midnight</p> <p data-bbox="824 1241 1175 1297"><i>Activity #10</i></p> <p data-bbox="824 1335 1192 1375">Due Sunday, Midnight</p>

Monday	Wednesday
<p data-bbox="191 319 310 363">May 3</p> <p data-bbox="191 457 293 510">HW</p> <p data-bbox="191 562 740 604">Ch 41 – Exponential Functions</p> <p data-bbox="191 636 597 678">Ch 42 – Log Functions</p> <p data-bbox="191 751 711 804">Quiz #21 – 15 points</p> <p data-bbox="191 814 751 951">The growth/decay formula will NOT be given to you on the quiz, but the pH and Richter formulas WILL be given to you.</p> <p data-bbox="191 961 557 993">Posted Monday by 6pm</p> <p data-bbox="191 1003 548 1035">Due Tuesday, Midnight</p>	<p data-bbox="828 319 946 363">May 5</p> <p data-bbox="828 457 930 510">HW</p> <p data-bbox="828 541 1352 583">Ch 43 – Sequences and Series</p> <p data-bbox="828 615 1377 657">Ch 44 – The Binomial Theorem</p> <p data-bbox="828 730 1060 783">Quiz #22</p> <p data-bbox="828 793 1295 825">Open book and open notes</p> <p data-bbox="828 856 1271 898">Posted Thursday by 6 pm</p> <p data-bbox="828 909 1198 940">Due Friday, Midnight</p> <p data-bbox="828 1014 1174 1066">Activity #11</p> <p data-bbox="828 1108 1190 1140">Due Sunday, Midnight</p>
<p data-bbox="191 1205 334 1249">May 10</p> <p data-bbox="191 1323 505 1365">Epilogue: Logs</p> <p data-bbox="191 1417 488 1470">Quiz #23 ✓</p> <p data-bbox="191 1480 334 1522"><u>20 points</u></p> <p data-bbox="191 1533 415 1564">Chapters 41–44</p> <p data-bbox="191 1575 557 1606">Posted Monday by 6pm</p> <p data-bbox="191 1617 540 1659">Due <u>Wednesday, Noon</u></p>	<p data-bbox="828 1205 971 1249">May 12</p> <p data-bbox="828 1323 1417 1375">Epilogue: Inverse Functions</p> <p data-bbox="828 1417 1060 1470">Quiz #24</p> <p data-bbox="865 1480 1109 1522">Epilogue (Logs)</p> <p data-bbox="865 1533 1239 1575">Activity #11 (NOT #5B)</p> <p data-bbox="828 1575 1198 1617">Due Friday, Midnight</p> <p data-bbox="828 1680 1174 1732">Activity #12</p> <p data-bbox="828 1753 1157 1795">Due Monday, Noon</p>

Monday	Wednesday
<p data-bbox="191 317 334 363">May 17</p> <p data-bbox="266 432 724 489"><u>Review for Test #4</u></p> <p data-bbox="191 558 367 600">Covering:</p> <p data-bbox="217 621 526 663">Activities: 9 – 12</p> <p data-bbox="217 684 724 726">Chapters: 37 – 44, Epilogue</p> <p data-bbox="217 747 548 789">Quizzes: 20 – 24</p>	<p data-bbox="828 317 971 363">May 19</p> <p data-bbox="828 432 1432 489"><u>More Review for Test #4</u></p> <div data-bbox="977 552 1281 653"> <p data-bbox="984 562 1274 632">TEST #4</p> </div> <p data-bbox="828 684 1205 762">Posted today Due Friday at midnight</p> <p data-bbox="828 810 1224 909">Activity #13: Have a Wonderful Summer!</p>
<div data-bbox="552 1014 1146 1417">  </div>	