Assignment Sheet for the Textbook for College Algebra and Worksheets from the Packet

All assignments listed on this assignment sheet include both book assignments and a worksheets from the packet. (Note: Worksheets have answers in the packet so you need to read, study and re-work them on your own notebook paper) Most assignments related to the textbook must be done on-line. MathXL is the program you will need to do the on-line homework.

The MathXL assignments follow the same order as the textbook assignment sheet.

Each MathXL assignment is worth 100 points and the computer grades it for you so you will know how many points you will receive for each assignment.

Your MathXL cumulative grade will be approximately the same as one exam grade so to pass this class you must do your MathXL homework.

Most of the textbook work is extra credit because you have so much work to do on line that is required.

Do you have to do every textbook assignment? No! Most of them are extra credit.

Do you have to do every on-line MathXL assignment? Yes!

Can you pass the class without doing the on-line homework? Probably not!!!!!

Can you pass the course with out purchasing a textbook? Probably.

Do I recommend you get a book and a solution manuel? Yes, I would suggest you buy them and use them.

When is online homework due? Check the online schedule.

Can you turn in on-line homework late? No! It is due when it is due. No excuses!
When is textbook homework due? On exam day.
TO GET CREDIT FOR YOUR TEXT BOOK HOMEWORK YOU MUST:

A. Write the assignment number from this sheet, the page number and the problem numbers from the book assignment on the TOP RIGHT CORNER of your homework paper.

B. Papers clip these assignments together in the order they appear on this sheet.

C. Turn your textbook work in on the day you take your exam. Online homework is due more often and you will have to check your MathXL to find the due dates. You must put this assignment sheet on top of any textbook work that you do as a cover sheet.

D. Any textbook assignment that you have completed must be highlighted with a high lighter on this assignment sheet. Do not highlight anything you have not done. Highlighting this assignment sheet will indicate both to you and to me what you have completed from your textbook.

E. All textbook assignments should be correctly completed and graded by you. You have the answers to the assigned problems in the back of your book.

F. Worksheets from the packet have answers on them. You should solve the problems on them showing all work like you do for textbook assignments.

G. You MUST record your score on your grade tally sheet. You get a completion grade for all textbook and online homework. Give yourself 5 points for each completed and corrected regular textbook homework assignment most of which will count as extra credit. Record that score on the homework line on your grade tally sheet.

H. Your on-line homework grade will be recorded by me and added to the homework line. YOU MUST DO THE ON-LINE HOMEWORK IN MATHXL IF YOU EXPECT TO PASS THIS CLASS!!!!!!!!!

H. Give yourself 10 points for each extra credit assignment that is indicated
your assignment sheet with a ** that you complete. Review Exercises and Practice Test are extra credit assignments and are labeled with **. They should be highlighted in a different color (for example use a yellow highlighter for completed daily textbook assignments and a pink highlighter to indicate any ** extra credit completed assignments). Record this on the line for extra credit assignments on your grade tally sheet.

I. You must show all work to get credit for extra credit assignments. Review Exercises and Practice Tests are good things to do to help you to study for your exam. Be sure you do those because you earn lots of points for doing them.

J. Do not include daily pop tests from the packet with assignments from this assignment sheet – daily pop test do not have answers on them – we go over most of these in class.

K. You should read the material in the textbook that precedes each homework lesson. If you have trouble completing your homework, you should use your study guide to help you, go for free tutoring in the math tutoring room L245, go to the learning center for help, see me during my office hours or work with someone in your group. MathXL has great help in the program to tutor you.

L. All work must be shown on your textbook homework paper. I will not give you credit for completing an assignment if you just write the problem and the answer especially if the problem is complicated and requires several steps. My philosophy is if I cannot do the problem in my head, I assume you cannot do it in your head. If the problem is simple and can be done in your head in one step, then please do it that way.

M. You may call Mrs. Wagner in her office 979-209-7369; however, I prefer email. I will respond as soon as possible. I am in my office in the evenings after 8:00 PM until 10:00 PM or later pnMonday through Wednesday. If I am not there when you arrive, wait. I will be there soon.

N. It is best to try to reach me by e-mail. I will respond ASAP. My e-mail address is “judybwagner@hotmail.com” I try to check my e-mail daily.

O. Be sure to re-work and study your daily pop tests and old exams in the
Library to help you to study for your exam.

P. The material in your text book is material that you are supposed to already know is found in Apendix A Review and Apendix B Graphing Utilities. We will not spend class time reviewing this material most of this is material you should already know. Because you have so many problems to do for review that are in the packet the textbook problems in Apendix A Review and Apendix B Graphing Utilities (labeled with *) are optional and will be counted as extra credit assignments which you will be given 5 points each for completing. The Chapter Reviews and Chapter Tests (labeled with **) will be counted as 10 points each. To earn the most extra credit points do the Chapter Review and the Chapter Test first. If you find that you do not have a firm grasp of these basic concepts, then you should consider taking one of the classes that precedes this course. The material that is in Apendix A Review and Apendix B Graphing Utilities in your book is covered in detail in M0312. There are not many days to change classes so make your decision quickly so that you do not loose your money or your time.

Q. You will be expected to do all the assigned online textbook assignments Chapter F.1 – F.4, Appendix A.5, Chapters 1 – 4, Chapter 5.2 and Chapter 6 on line in MathXL. These assignments are graphing assignments, which pertain to the material that is essential to this class. Each regular assignment is worth 10 points. Any on-line textbook assignment will count against your grade if you do not complete it.

R. This is a “functions class and a learn to graph class”. The purpose of this class is to teach you to work with functions and learn to recognize equations of different types, graph them, interpret what they are telling you, i.e. You must learn to understand the equations we cover and the graphs they form. You should be able to recognize what a function is, describe and understand it’s characteristics and graph it.

S. You MUST bring your calculator to class everyday.

T. If you have financial problems at the beginning of the semester, I have a textbook and a blank packet on file in the library for you to use.
BASIC CONCEPTS, GENERAL REVIEW, PROPERTIES OF REAL NUMBERS, ADDING, SUBTRACTING, MULTIPLYING, AND DIVIDING POLYNOMIALS, FACTORING, USING FACTORING TO SIMPLIFY FRACTIONS WHEN ADDING, SUBTRACTING, MULTIPLYING, AND DIVIDING, SIMPLIFYING RADICALS, SOLVING FOR X IN BASIC EQUATIONS: SOLVING FIRST DEGREE (LINEAR) EQUATIONS, QUADRATIC EQUATIONS, CLEARING EXPONENTS, USING A "U" SOLVE EQUATIONS, WORKING WITH COMPLEX NUMBERS, USING FACTORING WITH FRACTIONAL EXPONENTS TO SOLVE EQUATIONS (THE ALGEBRA OF CALCULUS); GRAPHING: INEQUALITIES, ABSOLUTE VALUE INEQUALITIES, RATIONAL INEQUALITIES, QUADRATIC INEQUALITIES.

^1. Telephone 5 people in class and find out 2 interesting things about each person and write it down. Try to find out something about each person as to how you can help each other in this class.


^5. THIS IS A VERY IMPORTANT ASSIGNMENT! IT IS NOT EXTRA CREDIT! YOU MUST DO IT! Dividing Polynomials: pg. A29 # 89 – 101 odds.

^6. THIS IS A VERY IMPORTANT ASSIGNMENT! IT IS NOT EXTRA CREDIT! YOU MUST DO IT! Read and Study A.5 Synthetic Division pg. A38 – A41 do # 5, 7, 9, 11, 15, 17, 19, 21, 23, 25.


12. * Read and Study A.11 Complex Numbers pg. A82 – A87 # 7, 9, 13, 15, 17, 21, 25, 29, 31, 33, 37, 45, 47.

^^13. Go to the Library and ask for my old test folder and make photo copies of the old test – also look at the review sheets folder and see if you can understand how to do the review sheets from M0312 that are in that folder – you might want to make photo copies of a few of them to see if you know how to do them also.

^^14. Copy and rework on your own the Worksheet on Inequalities: all, pg. 6 - 8 from your instructional packet (be sure to check your answers). Your answers should look exactly like mine. Correctly graph your answer and write your answer in interval notation.

^^15. Copy the Algebra of Calculus Worksheet from your packet page 7 - 19 through 7 – 21. Write the examples out in your own handwriting. This will help you to learn to do the Algebra of Calculus Worksheet (line # 5)


Please note Assignment # 1, 5, 6, 13, 14, 16, 17 above are NOT EXTRA CREDIT ASSIGNMENTS, they are required.

This course begins with the material in Chapters 1 - 7 be sure you do all the textbook assignments for these chapters. They are regular homework assignments and are not considered to be extra credit assignments.

USING: THE PYTHAGOREAN THEOREM, SLOPE FORMULA, DISTANCE FORMULA, MID POINT FORMULA, LINE FORMULAS; X AND Y INTERCEPTS, GRAPHING: LINES, CIRCLES, SOLVING: SYSTEMS OF EQUATIONS; UNDERSTANDING: DOMAIN, RANGE, FUNCTIONS AND RELATIONS, AND ONE-TO-ONE FUNCTIONS.

18. *F.1 The Distance and Midpoint Formulas pg 6 – 7 # 11, 15, 17, 19, 13, 29, 31, 35, 37, 39, 53, 55.


^^21. Worksheet on "t" Chart Graphing: page 9 - 9 through 9 - 11, from your Instructional Packet. Please read, study, take notes on the examples and include them with your textbook homework.

^^22. Circle Worksheet: (6 problems), page 8 - 6 through 8 -7 from your
Instructional Packet. Please read, study, take notes on the examples and include them with your textbook homework.

23. Worksheet on Graphing: page 8 - 8 through 8 - 11 from your Instructional Packet. Please read, study, take notes on the examples and include them with your textbook homework.

24. Form a study group to begin preparing for your exam. Go to tutoring in L245, the learning center or see Mrs. Wagner during her office hours for help. Go to the Library and make copies of the old exams to study.

25. Domain Study Sheet: page 8 - 28 & 8 - 29 from your Instructional Packet. Please re-work on your own paper and be sure you understand how to do it.


Please note Assignment # 21, 22, 23, 25 above are NOT EXTRA CREDIT ASSIGNMENTS, they are required.

Exam # 1 covers textbook assignments # 1 - 30. Be sure you have assignments # 1 – 30 (there are no word problems on exam # 1). Remember, your textbook homework is due the day you take your exam. I will grade it while you take your exam. Be sure to follow the correct directions above as to how you should order and highlight your homework.

PARABOLAS, TRANSLATIONS, STEP FUNCTIONS, ABSOLUTE VALUE GRAPHS, OTHER GRAPHS, RATE OF CHANGE, PIECEWISE FUNCTION;

31. Parabola Worksheet: (9 problems) page 9 - 1 through 9 - 4, and Quadratic Function Study Sheet: (2 problems) page 9 - 5 and 9 - 6, from your Instructional Packet. Please read, study, take notes on all the problems on your own graph paper and include them with your textbook homework.

32. Quadratic Function Worksheet: page 9 - 5 & 9 - 6 is very important be sure you know how to do it!!!
33. 1.1 Functions: pg. 53 # 61 – 77 odds.
34. 1.5 Graphing Techniques, Transformations: pg. 85 – 95 # 7 – 59 odds, # 65, 67.
35. 2.4 Properties of Quadratic Functions: pg. 144 – 153 # 11 – 65 odds.
39. **Chapter Test pg. 111 # 1 – 10 all.
40. Study Sheet on Applied Minimum and Maximum Problems: page 9 & 9 - 29 from your Instructional Packet. Please read, study, take notes on each example, be sure you understand how to do them and include this with your textbook homework.
41. Piece wise or Step Function Worksheet: page 9 - 20 from your Instructional Packet. Please read, study and take notes on the examples and include them with your homework.
42. Review Exercises pg. 257 # 5 – 10 all.
43. 5.2 The Parabola: pg 370 # 11, 13, 15, 17, 21, 23, 25, 29, 31, 33, 35, 41, 43, 45, 47, 49, 55, 57, 59.

Please note Assignment # 31, 32, 33, 40, 41 above are NOT EXTRA CREDIT ASSIGNMENTS, they are required.

Exam # 2 covers textbook assignments # 1 - 43. Be sure to include textbook assignments # 31 – 43 with your homework. Remember your textbook homework is due the day you take your exam. I will grade it while you take your exam. Be sure to follow the correct directions above as to how you should order and highlight your homework. Be sure to turn in your Exam # 1 Corrections if you have not already done so. Be sure to complete your class projects and take home exams before you take Exam # 2. They will help you to study for Exam # 2. The take home exam is due when you walk in the door on exam day.

USING SYNTHETIC DIVISION, GRAPHING RATIONAL FUNCTIONS, FINDING ASYMPTOTES, HOLES IN GRAPHS, X & Y INTERCEPTS, DOMAIN & RANGE FOR RATIONAL FUNCTIONS.

44. Rational Functions Worksheet: page 10 - 2 through 10 - 5, from your
Instructional Packet, all. Please read, study, take notes on all of the examples on your own graph paper and turn in with your textbook homework. You may use a graphing calculator to help you.

46. 3.3 Graphs of Rational Functions: pg. 213 – 228 # 7 – 47 odds.
47. *3.5 The Real Zeros of a Polynomial pg. 236 – 249 # 11 – 19 odds, # 35 – 43 odds, # 57 – 79 odds.
49. **Chapter Review pg. 256 – 258 #1 – 33 odds, #45 – 49 odds, #61, 77, 79.
50. **Chapter Test pg. 269 – 260 #1 – 9 all.
51. **Cumulative Review pg. 261 #1 – 24 all.
52. **Review Exercises pg. 257 #19 – 34 all.

** ADDING, SUBTRACTING, MULTIPLYING, DIVIDING, FUNCTIONS; DOING THE COMPOSITION OF FUNCTIONS FoG, GoF, FoF; FINDING THE INVERSE OF FUNCTIONS; GRAPHING: HIGHER ORDER POLYNOMIALS. 

^^53. Functions Worksheet: from your Instructional Packet do page 11 – 6 & 11 - 7, all, (be sure to read, study, take notes on these problems and include them with your textbook homework & be sure to check your work page 11 - 8 & 11 - 9).
54. *1.1 Functions: pg. 52 # 51 – 69 odds.
55. **Review Exercises pg. 108 # 17 – 23 all.
57. *4.2 One-to-One Functions and Inverse Functions: pg. 271 – 282 # 9 – 67 odds.

^^58. Applied Functions Study Sheet: page 11 - 13 from your Instructional Packet. Please read, study and take notes on the problems and include them with your homework. This will help you to understand how to do applied functions and there will be problems like this on your final!

^^59. Worksheet on Graphing Higher Order Polynomials: page 12 – 1 through 12 - 3 from your Instructional Packet. Please read, study, take notes on your paper and include them with your textbook homework.
61. *3.5 The Real Zeros of Polynomial Functions; pg. 235 – 249 # 11 – 19 odds, # 57 – 79 odds.
63.  **Review Exercises pg. 257 # 11 – 18 all, # 45 – 50 all, 61-64 all, # 77 –80 all.

64.  ** Chapter Test pg. 259 # 1, 2, 5, 6, 7, 8, 9.

Please note Assignment # 44, 53, 58, 59 above are NOT EXTRA CREDIT ASSIGNMENTS, they are required.

Exam # 3 covers textbook assignments 1 - 64. Be sure to include in your textbook homework assignments # 44 - 64. Remember Exam # 2 Corrections are due. Don't forget to look in the Library at the old exams. Don’t forget you need to turn in your take home exam when you walk in the door to take your exam.

EXPONENTIAL FUNCTIONS, & LOGARITHMIC FUNCTIONS; USING A CALCULATOR TO EVALUATE LOGS, Ln, & EXPONENTIALS; SOLVING FOR X BY CLEARING EXPONENTS AND MAKING BASES THE SAME; USING PROPERTIES OF LOGARITHMS TO SOLVE FOR THE VARIABLE; SOLVING WORD PROBLEMS USING LOGARITHMS.

**** BRING YOU CALCULATOR TO CLASS!!!!!

^^65. Exponential and Logarithmic Functions Worksheet: page 13 – 2 through pg. 13 - 4 from your Instructional Packet. Read, study, take notes on all the problems on your own paper and include them in your homework folder. Be sure to check your answers.

^^66. Worksheet on Graphing Logarithmic, Exponential and Absolute Value Curves: page 13 - 5 through 13 - 8, from your Instructional Packet.

Please read, study, take notes on these problems and include them with your textbook homework.


69.  *4.5 Properties of Logarithms: pg. 312 – 319 # 9, 11, 13, 21, 23, 33, 37, 45, 53, 57, 63, 75.

70.  *4.6 Exponential and Logarithmic Equations: pg. 320 – 323 # 7, 11, 15, 27, 45, 47.

71.  *4.7 Compound Interest pg. 325 – 332 # 3 – 37 odds.
73. ** Chapter Review pg. 353 – 356 # 1 – 83 odds.
74. ** Chapter Test pg. 359 # 1 – 19 all.
75. ** Cumulative Review pg. 390 # 1 – 14 all.

Please note Assignment # 65, 66 above are NOT EXTRA CREDIT ASSIGNMENTS, they are required.

Exam # 4 covers textbook assignments # 1 - 75. Homework textbook assignments # 65 - 75 should be in your homework folder for this exam. Remember Exam # 3 Corrections are due. Don’t forget you need to turn in your take home exam when you walk in the door to take your exam.

MATRIX: ADDING, SUBTRACTING, MULTIPLYING MATRIX; FINDING DETERMINANTS; USING KRAMER'S RULE; USING GAUSSIAN ELIMINATION; FINDING AN INVERSE MATRIX.

^^^^76. Matrix Worksheet: page 14 - 5 & 14 - 6 from your Instructional Packet. Please read, study, take notes on the worksheet and include them in your textbook homework.

Please note Assignment # 76 above is NOT AN EXTRA CREDIT ASSIGNMENT, it is required.

All late work must be turned in on or before your final exam. You may turn in exam corrections on final exam day.

The Post Test and Final Exam will be combined. The posttest/final exam covers anything in the course. Be sure to study your post test daily review pop tests (starting with # 15 ). The post-test section of the final covers anything from textbook assignments # 1 - 79.
Be sure to bring your last section of homework assignments # 76 - 79 to the final exam.

Be sure to bring the packet work you did on matrix and the review pop tests beginning with # 15.

Remember, your Exam Corrections for the 4th Exam are due the day you take your final. If you have any other old exams you must turn them in on exam day. Please bring all old exam, corrected or not, and all take home exams and turn them in with your work.

Study for your final!!!! Good Luck and I hope you do well!!!