PENCIL/PAPER HOMEWORK LIST & TEST/EXAM DATES

PROFESSOR NC RESSLER
SPRING SEMESTER 2013
MATHEMATICS 125 OC1
(pencil/paper homework is found within the e-book or the hard copy text book.)
Blitzer: Thinking Mathematically 5th edition
Prentice Hall/ Pearson Education

The course is structured with closing dates for each test; all tests and exams may be taken early. All tests and exams are available from DAY # ONE of the Spring Semester 2013.

It is possible to complete the course early, should that be the choice of any individual participant.

Homework will be “turned-in” to the Division 2 Office {second floor: top of the Main Stairway} at the Des Plaines Campus OR the Faculty Support Office {second floor: top of the Stairs (left at top until the corridor ends) above the College Security Office} at the Skokie Campus before or at the time of the Mid Semester Exam (for the first one half of the semester) and (MAY 03rd 2013) before the Final Exam (for the second one half of the semester). Please be advised a currier will deliver the pencil/paper homework packet to my office at the Des Plaines Campus the day AFTER you deposit it with the secretary at the Skokie Campus – IF the homework packet arrives LATE: No Credit received for your Late homework packet – PLEASE make certain that your hard work is presented with time for travel by Currier to the Des Plaines Campus.

Pencil/Paper Homework can be federally mailed to my Des Plaines Office.
Professor N Ressler
Division TWO; Department of Mathematics
Oakton Community College
1600 East Golf Road
Des Plaines, Illinois 60016

Completed Homework will contribute a full 10 points toward the transcript grade when it includes the steps supporting the solution; it is unnecessary to write the question.
The Mid Semester and the Final Exams will contribute 20% each towards the overall grade; the average of the computer tests “A” & “B” will count as 50% of the overall grade.

If you encounter what seems especially difficult, continue and work as far as you can with the problem, do not stop at a problem that is overly challenging.
Needless to say you must always try to do all of the problems.

THE COMPUTER REAL TESTS “A” and “B” WILL CLOSE AT 10:59 p.m.
WHETHER OR NOT YOU ARE INVOLVED IN TAKING THE TEST.
Plan ahead for stress free tests and exams, by not waiting until the last day! Each Test and each Exam may be taken early … but … not late!

ALL of the Tests ‘A’ and ‘B’ and the On Campus Exams may be taken earlier; it is possible to complete the course ahead of schedule. Tests and Exams will not be available after the closing dates. ON THE ANNOUNCEMENT PAGE within your computer program you will find an additional list of the test closing (deadline) dates.

Any MAKE-UP (missed) Tests and Exams are scored one grade lower;
“A” will become a “B”;
“B” will become a “C”
“C” will become a “D”

FIRST ONE HALF of the SEMESTER
All Homework Sections can be found on the listed pages. IF all of the sections of the question are NOT included only the letter section of what is assigned will be included immediately after the question number; no letter indicates all of that question should be worked.

PROBLEM SOLVING and CRITICAL THINKING
1 Inductive and Deductive Reasoning
pg. 9 (3, 4, 6, 8, 9, 13, 21, 35, 39, 41, 52, 62)

AS CHAPTER REVIEW
Practice the interactive on line homework with resources such as ‘help me solve this’; ‘check my answer’; ‘show me an example’;

CHAPTER 1/2 Tests: FRIDAY, February 8th 2013

Chapter Tests WILL CLOSE at 10:59 Chicago Time whether or not you are working the test. PREPARE for the Chapter Tests by practicing the Sample (practice) Tests. These sample tests are similar and more challenging than the actual Chapter Tests.
ALL tests may be taken earlier than the date indicated on this Homework List. Remember by taking the Chapter Tests at the last minute you are not allowing ample time for the following chapter course content! Dates are provided to help participants to remain on schedule. Anyone may complete the course early if they choose!!

SET THEORY
2.1 Basic Set Concepts
pg. 53 (2, 4, 6, 18, 21, 23, 25, 33, 35, 41, 47, 51, 55, 67, 69, 73, 91, 93, 111, 112, 113)

2.2 Subsets
pg. 62 (30, 31, 33, 34, 55, 57, 59, 80, 96, 98)

2.3 Venn Diagrams and Set Operations
pg. (17, 19, 21, 22, 23, 27, 34, 36, 85, 86, 91, 93, 107, 139, 140, 157, 160)

2.4 Set Operations
pg. 83 (25, 49)

2.5 Survey Problems
pg. 94 (1-8 {all}, 33, 34, 35, 39, 45)
AS CHAPTER REVIEW
Practice the interactive on line homework with resources such as ‘help me solve this’; ‘check my answer’; ‘show me an example’;

CHAPTER 1/2 Tests: FRIDAY, February 8th 2013

LOGIC
3.1 Statements, Negations and Quantified Statements
pg. 109 (1, 9, 15, 17, 19, 23, 30, 33, 40, 41, 43, 44, 47, 48, 54, 55, 58, 67, 70, 72)
3.2 Compound Statements and Connectives
pg. 120 (2, 6, 7, 10, 11, 12, 13, 15, 16, 19, 20, 21, 22, 27, 28, 30, 31, 33, 36, 39, 49, 52, 55, 58, 59, 60, 62, 63, 64, 71, 74, 75, 77, 79, 81, 82, 83, 84)
3.3 Truth Tables, Negation, Conjunction and Disjunction
pg. 135 (1, 3, 5, 7, 9, 11, 13, 17, 18, 22, 23, 25, 27, 29, 31, 33, 46, 53, 55, 57, 59, 65, 69)
3.4 Truth Tables and the Conditional and the Bi-conditional
pg. 146 (1, 3, 5, 9, 11, 19, 21, 33, 35, 41, 83, 86)
3.5 Equivalent Statements and Variations of Conditional Statements
pg. 155 (7, 9, 15, 17, 19, 36, 41, 42, 43, 44)
3.6 Negations of Conditional Statements and De Morgan’s Laws
pg. 162 (5, 6, 14, 17, 21, 39, 40, 55)
3.7 Arguments and Truth Tables
pg. 173 (1, 3, 16, 17)
3.8 Arguments and Euler Diagrams
Pg. 185 (1, 5, 7, 10, 16, 20, 23, 24)

AS CHAPTER REVIEW
Practice the interactive on line homework with resources such as ‘help me solve this’; ‘check my answer’; ‘show me an example’;

CHAPTER 3 Tests: FRIDAY, March 1st 2013

Remember:
Submit Pencil/Paper Homework for the first one half of the Semester!

MID-SEMESTER EXAM (computer)
On Campus @ Des Plaines or Skokie; Distance (out of area) Students contact OCC’s Alternative Education Department to secure a mutually approved proctoring site
Please contact Robin Nash or Barbara Reineking:
RNASH@OAKTON.EDU       BARBARAR@OAKTON.EDU

The Mid Semester Exam tests on material covered in the first one half of the course!

MID TERM EXAM COMPLETION Prior To:
12:00 NOON, WEDNESDAY, March 6th

On Campus, at the Des Plaines Testing Center or the Skokie Testing Center
Remember to bring a PHOTO ID, a calculator and a note card (both sides)
The format of the exam is the same as the computer tests.
Last day to withdraw from 16 week courses:  
DROP Deadline for SPRING Semester 2013:  
February 10th 2013 NOON (course dropped from record)  
March 10th 2013 NOON (‘w’ showing on transcript)  

SECOND ONE HALF of the SEMESTER  

CONSUMER MATHEMATICS and FINANCIAL MANAGEMENT  
8.1 Percent, Sales Tax and Income Tax  
pg. 452 (1, 3, 7, 11, 17, 24, 27, 30, 33, 30, 41, 43, 45, 47{a, b}, 49{a, b}, 55)  
8.2 Simple Interest  
pg. 458 (1, 4, 5, 7, 9, 13, 15, 17, 20, 21, 24, 26, 27{a, b}, 31, 32, 33, 34, 35)  
8.3 Compound Interest  
pg. 466 ((a, b):1, 3, 5, 7, 9; 13, 23, 224, 25, 26, 29, 33)  
8.4 Annuities, Stocks and Bonds  
pg. 478 ((a, b):1, 5, 7, 9; (a, b):11, 17; 27, 34)  
8.5 Installment Loans, Amortization and Credit Cards  
pg. 491 (1 {a, b, c, d, e}; 7, 10{a, b}, 15{a, b}, 18{a, b, c})  

Chapter Summary/Review  
your choice OR work and practice ‘on line’  

CHAPTER 8 Tests: FRIDAY, April 5th 2013  

COUNTING METHODS and PROBABILITY THEORY  
11.1 Fundamental Counting Principle  
pg. 606 (1, 3, 6, 15, 18)  
11.2 Permutations  
pg. 613 (1, 3, 7, 13, 22, 25, 28, 33, 37, 39, 41, 43)  
11.3 Combinations  
pg. 619 (1, 2, 5, 9, 15, 19, 21, 23)  
11.4 Fundamentals of Probability  
pg. 627 (1, 3, 4, 7, 9, 11, 13, 16, 19, 21, 27, 29, 33, 35, 37, 41, 45, 47, 49, 50, 51, 67, 68, 69, 73)  
11.5 Counting Methods and Probability Theory  
pg. 634 (2{a, b, c}, 3{a, b, c, d}, 7)  
11.6 Events Involving Not and Or; Odds  
pg. 644 (1, 5, 6, 11, 13, 15, 79, 81, 83, 85)  
11.7 Events Involving And; Conditional Probability  
pg. 656 (1, 6, 9, 15, 21, 26{a, b, c, d}, 31, 57, 58, 59, 60)  
11.8 Expected Value  
pg. 664 (1, 2{a, b, c}, 3)  

AS CHAPTER REVIEW  
Practice the interactive on line homework with resources such as ‘help me solve this’;  
‘check my answer’; ‘show me an example’;  

CHAPTER 11/12 Tests: FRIDAY, May 3rd 2013
STATISTICS

12.1 Sampling, Frequency Distributions and Graphs
pg. 683 (1{a, b, c, d}, 18)

12.2 Measures of Central Tendency
pg. 696 (1, 9, 13, 25, 58, 59, 60, 61)

12.3 Measures of Dispersion
pg. 705 (1, 17, 20)

12.4 The Normal Distribution
pg. 717 (1, 5, 9, 11, 13, 23, 27, 31, 33, 39, 49, 51, 55, 59, 61, 63)

12.5 Problem Solving with the Normal Distribution
pg. 724 (1, 3, 5, 7, 9, 13, 15, 17, 21, 23, 27, 30, 31, 33, 36, 44, 45)

12.6 Scatter Plots, Correlation and Regression Lines
Pg. (1, 3, 11, 27, 28, 31, 33, 37)

AS CHAPTER REVIEW
Practice the interactive online homework with resources such as ‘help me solve this’; ‘check my answer’; ‘show me an example’:

CHAPTER 11/12 Tests: FRIDAY, May 3rd 2013

FINAL EXAM (on the computer) On Campus @ Des Plaines Testing Center or Skokie Testing Center or approved proctoring site

FINAL EXAM COMPLETION Prior To 12:00 NOON:
FRIDAY, MAY 10th 2013

Remember to bring:

photo ID, calculator and note card (both sides) - or - ½ sheet loose leaf (both sides)

Remember:
Submit Pencil/Paper Homework for the second one half of the Semester with time for me to grade it – IT MUST BE ON MY Des Plaines desk - No Exceptions - on Friday, MAY 3rd 2013!
Personally drop it off or by Federal Mail:
Prof N Ressler; Division TWO
Oakton Community College
1600 East Golf Road
Des Plaines, Illinois 60016

The Final Exam tests only on material covered in the second one half of our course! The format of the exam is the same as the computer tests. In order for me to score your Pencil/Paper Homework, Compute your Transcript grade and submit your grade to the college registrar you must have course completion earlier or at least according to the schedule above!