

COURSE: MATHEMATICS FOR LIBERAL ARTS STUDENTS (MATH-1430)

TEXTBOOK: Thinking Mathematically, Custom 5th Edition -- by Robert Blitzer

PUBLISHER'S RESOURCES:	<ul style="list-style-type: none"> • Included free with the purchase of a New Textbook:
	<ul style="list-style-type: none"> (1) "MY MATH LAB" with online video lectures, interactive tutorials, animations, and a multimedia textbook. (2) "MY MATH LAB ACCESS KIT" which includes a code, and a user's guide for registering online; you will also need the course ID (ccri12455) and the zip code (02886). (3) Help from mathematics instructors via toll-free telephone, fax, e-mail or the Internet from the Publisher's Tutor Center
MATH LAB RESOURCES:	<ul style="list-style-type: none"> • While working in the Math Lab all students have access to:
	<ul style="list-style-type: none"> (1) A Student's Solution Manual, which provides worked-out solutions to the odd-numbered section exercises and to all Margin, Relating Concepts, Summary, Chapter Review, Chapter Test, and Cumulative Review exercises. (2) Individual Instruction from CCRI mathematics instructors. (3) Computers for "MyMathLab."

****NOTE(1):** Step-by-step solutions to all required highlighted exercises in Chapter Review and Chapter Tests must be maintained in a notebook. YOUR NOTEBOOK MUST BE AVAILABLE FOR REVIEW BY YOUR INSTRUCTOR BEFORE AND AFTER EACH TEST.

You must bring this with you when you take a test. Do not take a test until you are able to at least do the Chapter Review and Chapter Test Exercises (as indicated below) without relying on sample problems and/or answers in the back of the book.

NOTE(2): **EACH TEST WILL INCLUDE SOME PROBLEMS BASED ON PREVIOUS CHAPTERS STUDIED.**

NOTE(3): A non-graphing, non-programmable scientific calculator supplied by the Math Lab may be used when testing.

NOTE(4): Answers to all problem sets are given at the end of the text.

NOTE(5): TO BE ABLE TO FINISH THE COURSE ON TIME, YOU SHOULD COMPLETE THE REQUIRED MATERIAL FOR EACH TEST AND PASS EACH TEST BEFORE EACH GUIDELINE (NOT DEADLINE) DATE INDICATED.

NOTE(6): It is your responsibility to check the Math Lab bulletin board and hand in an attendance slip each time you attend the Lab (including testing).

2010	TITLE	SECTION	READ PAGES	DO HOMEWORK EXERCISES AT THE END OF EACH CHAPTER / SECTION
TEST 1 Should be taken during the week of Sep. 20	SET THEORY Basic Set Concepts	2.1	43-55	1, 3, 9, 11, 15, 19-29 odd, 35, 39-47 odd, 51, 55, 57, 61, 65, 67, 69, 73-79 odd, 83, 85, 89, 91, 93, 97, 99
	Subsets	2.2	56-64 (Omit Infinite Sets, pages 61-62.)	1, 3, 5, 9-17 odd, 21, 25, 27, 31, 33, 39, 43-63 odd, 67, 83, 85, 87, 93, 94
	Venn Diagrams and Set Operations	2.3	65-76	5, 11, 13, 17, 19, 23, 27-45 odd, 49, 57, 65, 67, 71-77 odd, 81-103 odd, 109-115 odd, 139, 140
	Set Operations and Venn Diagrams with Three Sets	2.4	77-87	1-11 odd, 15, 17, 25-45 odd, 49, 51, 57, 59, 61, 79-87 odd
	Survey Problems **Chapter 2 Summary and Review Exercises **Chapter 2 Test	2.5	88-97 99-101 101-102	1-31 odd, 43-46 all 1-55 odd, 60, 61 All
TEST 2 Should be taken before or during the week of Oct. 4	LOGIC: Part I Statements, Negations, and Quantified Statements	3.1	103-110	1, 3, 5, 9, 13, 15, 17, 21-57 odd
	Compound Statements and Connectives	3.2	111-122	1-45 odd, 49-63 odd, 81-89 odd
	Truth Tables for Negation, Conjunction, and Disjunction	3.3	123-137	1-51 odd, 53-63 all
	Truth Tables for the Conditional and the Biconditional	3.4	138-147	1-13 odd, 17, 21, 23, 25, 27, 29, 33, 35, 41, 45, 47, 53, 65-72 all
	**Chapter 3 Summary and Review Exercises ** Chapter 3 Test		189-190 191-192 See NOTE (2).	1-33 odd 1-14 all
TEST 3 Should be taken before or during the week of Oct. 18	LOGIC: Part II Equivalent Statements and Variations of Conditional Statements	3.5	148-156	1, 3, 5, 15, 17, 19, 21, 23, 25, 29
	Negations of Conditional Statements and De Morgan's Laws	3.6	157-163	1-45 odd, 51, 53
	Arguments and Truth Tables	3.7	164-177	1,3,5, 9, 15, 17, 19, 23, 25, 27, 35, 43-53 odd
	Arguments and Euler Diagrams	3.8	178-187	1-25 odd, 29
	**Chapter 3 Summary and Review Exercises ** Chapter 3 Test		190-191 192 See NOTE (2).	35-69 odd 16-29 all

2010	TITLE	SECT.	PAGES	HOMEWORK EXERCISES AT THE END OF EACH CHAPTER / SECTION
TEST 4 Should be taken before or during the week of Nov. 1	COUNTING METHODS			
	NOTE (7): For Tests 4 and 5, you should become familiar with a deck of 52 playing cards -- see the top of page 624.			
	The Fundamental Counting Principle	11.1	601-607	1-21 odd, 22
	Permutations	11.2	608-615	1, 5, 7, 13-19 odd, 33-47 odd
	Combinations	11.3	615-621	1-19 odd, 29-57 odd
Fundamentals of Probability	11.4	621-629	1-47 odd	
	**Chapter 11 Summary and Review Exercises		668-669	1-40 all
	** Chapter 11 Test		672	1-9 all
			See NOTE (2).	
TEST 5 Should be taken before or during the week of Nov. 15	PROBABILITY THEORY			
	Probability with the Fundamental Counting Principle, Permutations, and Combinations	11.5	630-635	1-17 odd
	Events Involving <i>Not</i> and <i>Or</i> ; Odds	11.6	636-647	1-9 odd, 17-45 odd, 61-91 odd
	Events Involving <i>And</i>	11.7	648-658	1-25 odd, 33-47 odd
		(Omit Sec. 11.8)	(Omit examples 6-8, pages 653-655.)	
	**Chapter 11 Summary and Review Exercises		669-670	45-88 all
	** Chapter 11 Test		672	10-24 all
			See NOTE (2).	
TEST 6 Should be taken before or during the week of Nov. 29	STATISTICS			
	Sampling, Frequency Distributions, and Graphs	12.1	673-686	3, 5, 7--25 all, 35
	Measures of Central Tendency	12.2	687-699	1- 49 odd, 55, 63
	Measures of Dispersion	12.3	699-707	1-25 odd, 37
	The Normal Distribution	12.4	707-719	1-32 all
		(Omit examples 3-8, pages 711-717.)		
	**Chapter 12 Summary and Review Exercises		737-739	2-5 all, 7-19 all, 22-40 all
	** Chapter 12 Test		741	2-5 all, 7-18 all
			See NOTE (2).	