

**Instructor – J. Berns**

**Math 105 – Essentials Mathematics by Baker, Lockwood  
Monday – Thursday 8:00 a.m. - 10:00 a.m.**

**Summer 2014**

*Section # 1450*

**Prerequisites: none**

**Objectives: Upon successful completion of this course.**

- 1) Place value system, whole numbers, properties, exponents, and fundamental operations.**
- 2) Prime numbers, divisors and multiples.**
- 3) Fractions, fundamental operations, order of operations.**
- 4) Decimals, fundamental operations, order of operations.**
- 5) Ratio and proportions, equations, applications.**
- 6) Percent, applications.**

**\*Office hours: 7:45 a.m. - 8:00 a.m. Monday thru Thursday, ARRANGED!**

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<u>June</u>	16	Sec. 1.1 – 1.2	Pages 3 - 17	Whole Numbers
	17	1.3 – 1.4		
	18	1.5 – 1.6		
	19	1.7	Pages 18 - 61	
	23	Chp.2, 2.1 – 2.2		Primes and Multiples
	24	2.3 - 2.4		
	25	2.5 - 2.6		
	26	2.7 - 2.8	Pages 63 -123	
	30	Chp.3, 3.1 - 3.2		Fractions
<u>July</u>	1	3.3 - 3.4		
	2	3.5 - 3.6	Pages 125 – 160	
	3	Test		
	7	Chp.4, 4.1 - 4.2		Decimals
	8	4.3	Pages 173 – 199	
	9	Chp.5, 5.1 - 5.2		Ratio and Proportions
	10	Sec. 5.3 - 5.5	Pages 202 - 231	
	14	Chp.6, 6.1 - 6.3		Percent
	15	6.4 - 6.7		
	16	Review	Pages 234 - 273	
	17	Test		

- Homework will be assigned each class.
- Students can be dropped due to absences.

Grades:

50%	hour tests	90% – 100%	A
35%	final tests	80% – 89%	B
5%	homework	70% – 79%	C
5%	quiz	55% – 69%	D
5%	notes	54% – below	F