

I. INSTRUCTOR: Ron Deaton: Email: rdeaton@ghc.edu Phone: 538-4173.

Office: Room 307

Office Hours: 8:00 to 9:00, Tues.; 11:00 to 12:00, Mon. thru, Thurs.;
or by appointment;

II. REQUIRED TEXT:

CONTEMPORARY MATHEMATICS FOR BUSINESS AND CONSUMERS, 6th BRIEF EDITION, BY Robert A. Brechner. Thomson/Southwestern, 2012(Cengage)

III. LEARNING OBJECTIVES

Students will learn to:

Add, subtract, multiply and divide with fractions, decimals, and percentages.

Convert decimal to fractions(or vice versa), decimals to percentages(or vice versa), and fractions to decimals(or vice versa).

Use equations to solve business problems.

Use percentage formulas to solve a variety of business problems.

Complete invoices and calculate trade and cash discounts, as well as due dates and amounts due.

Calculate markup and mark down.

Compute simple interest and solve for principle, rate, and time.

Compute the future value from a present amount and vice versa.

Calculate the future and present amount of an annuity

Compute the periodic payment amount to retire a debt

Calculate how large a periodic payment must be to reach a future amount.

IV. STUDENT EVALUATION (Subject to change)

- **ATTENDANCE IS REQUIRED...** Three (3) missed sessions per quarter are allowed for medical reasons, personal problems, etc. Four misses or more will lower your grade one level. E.G. "c+" to a "c"
- *Three tests are given, and if you take all three I will replace your lowest score with your final exam score, if it is to your advantage. If you should miss a test, that will cause the 100 points to be transferred to the final exam. **No makeup quizzes or tests are given after the class has taken the quiz or test.***

▪ **STUDENT EVALUATION:**

HOMework,	50 POINTS
TESTS (3 @ 100 POINTS EACH)	300
FINAL	<u>150</u>

TOTAL 500 PTS.

V. GRADING STANDARDS

100-93%	A	82-80%	B-	69-68%	D+
92-90%	A-	79-78%	C+	67-60%	D
89-88%	B+	77-73%	C	under 60%	F
87-83%	B	72-70%	C-		

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Note: STUDENTS WILL BE RESPONSIBLE FOR MATERIAL COVERED IN CLASS IN ADDITION TO THE TEXT. Cellphones should be turned off during class...No calls, no instant messaging.

VI. Schedule OF Homework Assignments and Due Dates:

Course content has been divided into 4 sections. Each completed section will be followed by a 100 point test(except the last one, which will be followed by the comprehensive final) Generally, there is one assignment due each day, but feel free to work ahead. I do not recommend working beyond the current section that you are mastering. Future homework assignments and due dates beyond section 1 will be announced in class.

Sect1: Ch.1,2,3, 5, 6 Introduction to Ch. 1 Assignment 1 Assignment 2 Assignment 3 Assignment 4 Assignment 5 Assignment 6 Assignment 7 Assignment 8 Test I	Pages 28-32 63-66 90-93 143 151-155 162-164 170-172 179-182 191-193 198-200	Homework Problems due: 2 to 32 evens 2 to 32 evens 2 to 40, evens 2 to 30, evens 2 to 28, evens 2 to 32, evens 4,8,12.....40, every fourth problem 4,8,12.....48, every fourth problem 2 to 20, evens 22 to 48. evens
Section 2: Ch.7, 8, &10 Introduction to Ch. 7 Assignment 1 Assignment 2 Assignment 3 Assignment 4 Assignment 5 Assignment 6 Assignment 7 Test II	215-217 222-225 235-237 245-246 255-257 262-264 271-273 280-282 336-337 345-348 355-357 365-368	2 to 24 evens 2 to 30 evens 2 to 16 evens, 22,24, 26 12 to 20 evens 2 to 22 evens 2 to 22 evens 2 to 22 evens 2 to 14 evens 2 to 36 evens 2 to 30 evens 4,8,12,16,20,24 2 to 36 evens

Sect. 3: 11&12 Introduction to Ch. 11 Assignment 1---	Pg 382-383 Pg 390	2-28, evens 2-10, evens
Assignment 2---	Pg391 Pg397	12-20, evens 2-24, evens
Assignment 3---	Pg409-410	2-14, evens
Assignment 4---	Pg417-418	2-14, evens, plus handout
Assignment 5 --	Pg424-425	2-14, evens
Assignment 6---	Pg433-435	2-20, evens
TEST III Friday, Nov 21st		

Section 4: Ch. 13&14 Introduction to Ch. 13			
Assignment 1			
Assignment 2			
Assignment 3			
Final Comprehensive Exam,			