

Review of Performance: (BU098/P1 Business Math, Fall 2013, 24 students)

Submitted by: Debra W. Perman

SLO#	CA in Bookkeeping Program SLO#	I, D, M	Reflection/Comment
<b>General SLO 1: Demonstrate understanding of basic mathematics concepts;</b>			
1.1 Perform basic operations of fractions	#5. Perform business computations and apply logic as needed.	D = 24	24/24 students successfully met this SLO with a rating 80% or above based on assessment results from 3 classroom exercises, 1 quiz, and 1 exam.
1.2 Perform the basic operations of decimals		D =24	24/24 students successfully met this SLO with a rating 80% or above based on assessment results from 3 classroom exercises, 1 quiz, and 1 exam.
1.3 Write decimals and fractions as percents		D =24	24/24 students successfully met this SLO with a rating 80% or above based on assessment results from 2 classroom exercises, 1 take-home assignment, 1 quiz, and 1 exam.
1.4 Analyze statistical problems using frequency distribution, graphs, mean, median, mode, and standard deviation		I = 5 D = 19	19/24 students successfully met this SLO with a rating 70% or above based on assessment results from 2 classroom exercises, 1 quiz, and 1 exam.
1.5 Solve basic equations and applications		I = 4 D = 20	20/24 students successfully met this SLO with a rating 70% or above based on assessment results from 3 classroom exercises, 1 quiz, 1 group project and 2 exams.
<b>General SLO 2: Demonstrate basic skills in business applications;</b>			
2.1 Identify banking services, the checking services and credit card transactions	#5. Perform business computations and apply logic as needed	I = 4 D = 20	20/24 student successfully met this SLO with a rating 70% or above based on assessment results from 1 classroom exercise, 1 quiz, and 1 exam.
2.2 Prepare bank reconciliation statements		D =24	24/24 students successfully met this SLO with a rating 70% or above based on assessment results from 1 classroom exercise, 1 quiz, 1 take-home assignment,

			and 1 exam.
2.3 Compute gross earnings and net pay using a variety of payment methods and kinds of deductions		I = 4 D = 20	20/24 students successfully met this SLO with a rating 70% or above based on assessment results from 3 classroom exercises, 1 quiz, 1 group project and 2 exams.
2.4 Solve sales and property tax problems		I = 4 D = 20	20/24 students successfully met this SLO with a rating 70% or above based on assessment results from 1 classroom exercise, 1 quiz, and 1 exam.
<b>General SLO 3: Demonstrate basic skills in business retailing;</b>			
3.1 Understand how invoices are prepared and the computation of trade and cash discounts	#5. Perform business computations and apply logic as needed	I = 6 D = 18	18/24 students successfully met this SLO with a rating 70% or above based on assessment results from 1 group exercise, 1 take-home assignment, and 1 quiz.
3.2 Perform calculations relating to markup based on cost and selling price and computation of markdown.		I = 6 D = 18	18/24 students successfully met this SLO with a rating 70% or above based on assessment results from 1 group exercise, 1 take-home assignment, 1 quiz, and 1 exam.
3.3 Calculate the value of inventory by weighted average, LIFE, or FIFO		I = 12 D = 12	12/24 students successfully met this SLO with a 70% or above based on assessment results from 1 classroom exercise and 1 quiz.
<b>General SLO 4: Demonstrate basic skills in business finance and accounting.</b>			
4.1 Understand how altering principal, rate, and time affect the simple interest on an amount	#5. Perform business computations and apply logic as needed	D = 24	24/24 students successfully met this SLO with a rating of 70% or above based on assessment results from 1 classroom exercise, 1 group exercise, 1 quiz, and 2 exams.
4.2 Apply the concept of value changing over time in a simple interest note to calculate maturity value and/or present value		D = 24	24/24 students successfully met this SLO with a rating of 70% or above based on assessment results from 1 classroom exercise, 1 group exercise, 1 quiz, and 2 exams.
4.3 Understand how compound interest differs from simple interest, and calculate the compound		I = 4 D = 20	20/24 students successfully met this SLO with a rating of 70% or above based on

amount given the various rates and compounding periods			assessment results from 2 classroom exercises, 1 take-home assignment , 1 quiz, and 2 exams.
4.4 Calculate and compare various methods of depreciation		D = 24	24/24 students successfully met this SLO with a rating of 70% or above based on assessment results from 1 classroom exercise, 1 group exercise, and 1 quiz.
4.5 Interpret data using mean, median, mode, index numbers, graphs, and standard deviation		I = 9 D = 15	15/24 students successfully met this SLO with a rating of 70% or above based on assessment results from 1 classroom exercise and 1 quiz.

**Additional observations:** Success rates may be the result of more than half of those enrolled being placed in MS096 or higher, with 4 in MS101 based on COMET results. (unofficial data gathered through individual interviews with students).

**Special comments:** Overall grading shows 3 As, 5 Bs, 11 Cs, and 5 Ds; although no failures, those who received Ds were due to absences, low scores in quizzes, and the final exam.

**Recommendations:** Students who are tested into MS099 or higher need not take this course; pre-requisite courses should include MS095 and BK095.

Signature: Debra W. Perman, Assoc. Prof. /s/

Date: 12/16/13

Please check which of the following were assessed in this course:

**Institutional Student Learning Outcomes:**

COM-FSM graduates will demonstrate:

- a)  Effective oral communication
- b)  Effective written communication
- c)  Critical thinking
- d)  Problem solving
- e)  Intercultural knowledge and competence
- f)  Information literacy
- g)  Foundations and skills for life-long learning
- h)  Quantitative Reasoning