MATH 138 ONLINE – Winter 2021

Instructor: Pam Lowry

Text: Mathematics with Applications, by Lial, Hungerford, Holcomb, Mullins, 12th edition.

Office Hours: by appointment – https://bellevuecollege.zoom.us/j/8546490145

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Course Description and Outcomes: After successful completion of this course, students will be able to:

1) Compose, and add, subtract, multiply, and divide functions represented as graphs, tables, and formulas.

2) Analyze and apply linear, quadratic, polynomial, rational, exponential, and logarithmic functions.

3) Setup, solve, and analyze significant applied problems selected from systems of linear equations, or finance mathematics, or linear programming.

4) Apply tools and techniques of introductory probability and statistics selected from the following list: sets, Venn diagrams, tree diagrams, the multiplication principle, permutations, combinations, measures of central tendency, measures of variation, histograms, and boxplots.

Mastery of the assignments and projects in this course follow the guidelines in the Course Outcomes. Assignments receiving A grades have a mastery level of 4. B grades correspond to a mastery level of 3, C grades correspond to a mastery level of 2 and D grades correspond to a mastery level of 1.

Student Responsibility: Please take this class seriously by following the responsibility codes below:

- Maintain an accurate calendar of due dates so that assignments are submitted on time.
- Check your Canvas email and the email address used for MML regularly so that you can receive messages from the instructor in a timely manner.
- Contact the instructor immediately if you have questions or concerns. I am happy to have a Zoom meeting to discuss your situation.
- Be aware of all the requirements for testing in this course – WebCam, Scanner, Printer.

MyMathLab: This is the site where all homework assignments, quizzes, and tests will be submitted. You have automatic access to MyMathLab through Canvas (the fee was collected when you paid for this course). In the Course Navigation column on Canvas, you will see IA Course Materials. Click on that link which will take you to the MyLab Math for Mathematics with Applications. Click Launch Courseware and you will be directed to the site and will be asked to register your information. Please include an email address that you check frequently so that you will receive announcements and communications immediately.

CALCULATORS: A graphing calculator like a TI-83 or TI-84 is required for this course. Other graphing calculators are acceptable (TI-89 or TI Nspire are not acceptable) however my calculator instructions documents and the instructions in the text are based on the TI-83 or TI-84 format. If you would like to borrow a TI-84 calculator through the Bellevue College library, contact circulation@bellevuecollege.edu to request a calculator.

PRETEST: I would highly recommend that you take the Pretest that is located under the Pretest Module on Canvas. Spend 45 minutes on this test and then use the answer key also located under the Pretest Module to correct your work. If you have difficulty with the test, please contact me.

HOMEWORK: All homework will be submitted on MyMathLab. You can read the eBook or your text, watch section videos and begin working on each homework assignment. (Videos are available on MML and I have included selected videos on Canvas.) Homework assignments are due according to the schedule on Canvas under the Homework Module. Late homework is accepted with a 10% penalty per day for each day the assignment is late. If you have extenuating circumstances, please contact me. You have 3 submission opportunities on each question of the homework. Please take advantage of the help provided by MyMathLab on each question.

VIDEOS: Closed captioned videos are available on MyMathLab. Instructions on how to access these videos are available on the Course Information Canvas Module.

QUIZZES: A quiz will be submitted on MyMathLab after each chapter. Quizzes must be submitted on the date listed in the schedule –late quizzes will have a 25% penalty per day. Each quiz has a time limit of 90 minutes and you have only one submission opportunity per question. Please contact me if you have extenuating circumstances.

TESTS: Three tests will be held this quarter, proctored by Honorlock. Please see the Exams Module on Canvas for detailed information regarding these tests. For every test, you may use a 4”X6” note card that you have prepared with any notes that you will need for the test. You may use both front and back of the notecard. I have included a practice quiz on Honorlock on the day before every test. This quiz is extra credit and the points received on the quiz will be added to the test points.

DISCUSSIONS: Two discussion postings on Canvas are required per week. Each posting must be on two separate days and at least 12 hours apart. These postings can be about questions, answers to questions, formation of study groups, calculator tips, etc. Many students find these discussion

postings very helpful throughout the quarter. I will respond to discussion postings where appropriate. You will receive 10 points per week for making 2 postings. Please take advantage of these "free" points. Please post a discussion at the beginning of each week – there will be an icebreaker question designed for you to get to know me and other students in the class.

GRADING: Grades will be shown in the Gradebook section of MyMathLab. I return all projects and tests promptly - usually within 24 hours of the due date. Grades are weighted according to the following weights: Tests – 48% (16% each), Quizzes – 20%, Homework Exercises – 15%, Projects – 12% and Discussions – 5%. The last day to withdraw from class with a W printed on your transcript is December 12. If you continue with the course beyond the withdrawal date, you will be given the grade that is posted as of December 17. The resulting percentage will be assigned a letter grade as follows:

Grade	Percentages	Grade	Percentages	Grade	Percentages
		A	92% - 100%	**A-**	90% - 91.9%
B+	88% - 89.9%	**B**	82% - 87.9%	**B-**	80% - 81.9%
C+	78% - 79.9%	**C**	72% - 77.9%	**C-**	70% - 71.9%
D+	68% - 69.9%	**D**	60% - 67.9%		
F	Below 60%				

Study Tips and Policies: All homework exercises, quizzes and tests must be your own work. Any evidence to the contrary will result in a zero grade. If there are any special circumstances and or learning differences of which I should be made aware, please contact me early in the quarter so that we may devise an acceptable plan to help you be successful in this course. Plan to spend a **minimum** of 25 hours per week on this course. (I would recommend spending at least 3 hours per day on this course.) Read the text or e-book and watch all the assigned videos, and complete the homework exercises. Be sure to check the calendar carefully. A penalty is assessed for homework exercises submitted after the due date. Be sure to read the Tools for Success document on Canvas.

Other Resources:

1) The Academic Success Center (asc@bellevuecollege.edu) offers tutoring, which will be virtual this quarter.

2) Use the Discussion icon on Canvas to post questions and/or answer questions from fellow classmates. If you are able to answer questions that have been posted, it benefits everyone.

3) The Math Lab offers virtual tutoring – check the tutoring information on the Canvas Modules. (asc@bellevuecollege.edu)

Other Expectations: When communicating with me via email or discussions, I expect that you will use proper grammar, punctuation spelling and capitalization. This skill will be necessary when communicating with future, present, and prospective employers, as well as employees and colleagues. I also expect you to maintain the highest level of responsibility in this course which includes checking all due dates and submitting assignments with care, accuracy, and punctuality. Please contact me by email whenever you have any questions: pam.lowry@bellevuecollege.edu

Good luck and have a great quarter. I look forward to working with you.