MATH 111 - COLLEGE ALGEBRA

Spring 2019

INSTRUCTOR: Roger Maurer   TIME: MTWRF 1:00 - 1:50 PM

CLASSROOM: LC 200   EMAIL: maurerr@linnbenton.edu

OFFICE: LC 201A   PHONE: 541-259-5814 (ext. 1)

INSTRUCTOR WEBSITE: http://cf.linnbenton.edu/mathsci/math/maurerr/web.cfm?pgID=124

OFFICE HOURS: Lebanon (LC 201A) :   T 2:00 - 2:50 PM, R 12:00 - 12:50 PM

TEXT: College Algebra by Aufmann and Nation (8th edition)   CRN: 40957

This course covers the following topics: equations and inequalities; polynomial, rational, exponential and logarithmic functions; relations; systems of equations, matrices and determinants.

Prerequisite: A grade of "C" or better in MTH 95 – Intermediate Algebra

ASSIGNMENTS

Section	Assignment	Section	Assignment
1.1	37 – 50 all, plus 56	4.1	5 – 55 by 5's, plus 71, 72
1.2	7 – 62 by 5's, not 47	4.2	5 – 38 by 3's, plus 55
1.3 (EC)	7 – 91 by 7's	4.3	5 – 70 by 5's
1.4	7 – 42 by 5's, plus 73	4.4	5 – 60 by 5's, not 55, plus 72, 82, 85
1.5	5 – 44 by 3's, plus 56, 66, 73	4.5	5 – 41 by 3's, plus 65, 75
1.6 (EC)	1 – 34 by 3's	4.6	5 – 26 by 3's, plus 45
2.1	6, 11, 21, 26 and 53 – 83 by 5's	6.1 (EC)	5 – 35 by 5's, plus 45, 49, 51, 54
2.2	1 – 76 by 5's, not 56	6.2	5, 10, 20, 30, 38, 39
2.3 (EC)	1 – 71 by 5's, plus 83		
2.4 (EC)	1 – 56 by 5's	7.1	1 – 13 by 3's, plus 21, 24, 27, 31, 54, 63
2.5	1 – 51 by 5's, plus 61	7.2	7 – 37 by 5's
2.6	1 – 76 by 5's, not 46, 71	7.3	5, 8, 11, 17 (calc.), 22, 25 (calc.), 36
		7.4	1 – 13 by 3's, plus 49, 52
3.1	1 – 51 by 5's, plus 59, 66		
3.2	1 – 56 by 5's, not 31, 36		
3.3	4 – 19 by 3's plus 46 – 58 by 3's		
3.4	5 – 50 by 5's, not 15, plus 66		
3.5	3 – 52 by 7's, plus 78		

TURNING IN ASSIGNMENTS:

Each assignment will be handed in (by the end of class) two class days after it is covered in class, to have a chance of receiving full credit (5 points). If an assignment is handed in one day late you can receive at most 4 points for the assignment. If an assignment is handed in more than one day late you will receive no points. The assignments that are handed in on time will be graded in the following way: I will check some of the questions in each section (assignment). If they are all correct, you will receive 5 points; surprisingly the more you get wrong, the fewer points you will earn, but you will receive 1 point for just handing it in on time.

EXAMS:
Exams will be taken in class on the following days:
Exam I: (Sections 1.1 – 3.1)   Thursday, April 25
Exam II: (Sections 3.2 – 4.3)   Wednesday, May 15
Final Exam: "Comprehensive"   Wednesday, June 12   (1:00 – 2:50 PM)
All exams are closed book. On some exams, a formula sheet may be used.

HELP: If you have any questions, please ask. I will help you whenever I can. You will find me in my office (LC 201A) during my office hours or any other time you can catch me. There is an instructional assistant in the Learning Center (LC 202) that can help you if you are having difficulties. Learning Center Hours: Monday, Wednesday, Friday 2:00 pm – 3:00 pm; plus Wednesday 5:00 pm – 8:00 pm.

HOW TO GET POINTS:
Assignments   (best 20)   100 points
Exam I   100 points
Exam II   100 points
Final Exam   150 points
TOTAL   450 points

GRADING:
A	405 – 450 points	D	270 – 314 points
B	360 – 404 points	F	0 – 269 points
C	315 – 359 points		

An incomplete grade (IN) may be assigned to a student who misses exactly one of the exams, but a contract for completion of the course needs to be signed by the student before the incomplete grade will be assigned.

Statement of Accessibility:
Students who may need accommodations due to documented disabilities, who have medical information which the instructor should know, or who need special arrangements in an emergency should speak with their instructor during the first week of class. If you believe you may need accommodations but are not yet registered with the Center for Accessibility Resources (CFAR), please visit the CFAR Website for steps on how to apply for services or call 541-917-4789.

Academic Dishonesty: If there are any incidents of cheating, an incident report will be sent to the Director of Admissions, and it will have severe consequences for the student.

LBCC Comprehensive Statement of Nondiscrimination:
LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information see Board Policy P1015 in our Board Policies and Administrative Rules. Title II, IX, & Section 504: Scott Rolen, CC-108, 541-917-4425; Lynne Cox, T-107B, 541-917-4806, LBCC, Albany, Oregon. To report: linnbenton-advocate.symplicity.com/public_report.

Cultural Richness: To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to nurturing the development of culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

Outcomes: Upon completion of this course, the student will be able to:

> 1. Interpret graphical information, such as identifying types of functions, translations, inverses, intercepts, and asymptotes.

> 2. Solve a variety of symbolic equations and inequalities, such as rational, absolute value, exponential, radical, logarithmic, and linear systems.

> 3. Construct appropriate models for real world problems, such as fitting an algebraic function model to a set of data, or a system of linear equations.