Course: MAT 1723 – Real Number System Spring 2017

Instructor: Dr. Jessica Bunch

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Required Textbook: This course utilizes and eBook which is provided within Canvas and MyLabsPlus.

Mathematical Reasoning for Elementary Teachers
Author: Long, DeTemple, and Millman
7th Edition

This course requires online access to MyLabsPlus. Instructions for access to course materials in MyLabsPlus will be given to students through Canvas and an email at the beginning of the spring 2017 semester.

Course Description

Prerequisite: a grade of C or better in College Algebra (MAT 1313). Designed for elementary and special education majors, this course includes set theory, numeration systems, foundations of number theory, and properties and operations of real numbers. Three semester hours credit.

This course prepares elementary and special education majors for their future careers by exposing them to set theory, numeration systems, foundations of number theory, and properties and operations of real numbers. The acquisition of these skills is necessary for elementary and special education majors to provide a productive learning environment in their future classrooms. This course is equivalent to MA 306 at ASU, MAT 131 at DSU, MATH 226 at JSU, MA 1413 at MSU, MA 111 at MUW, MATH 245 at UM, and MAT 210 at USM.

Outcome Competencies

The student will develop an understanding of the real number system and will apply this knowledge in the development of future career skills in the education field.

Attendance

Weekly attendance for this course will be taken based upon the work done on each set of weekly assignments. The due date for each section of online homework is used for recording absences. You will be responsible for meeting the deadlines on ALL assignments. There will be no extensions given without reasonable written documentation. Students who receive three absences will be dropped from the course.

Instructional Techniques

The method of presentation for this course will include lecture videos, homework, open book quizzes, and two proctored exams. You should keep an organized notebook containing problems in the lecture videos and of the online homework problems to ensure success in this course. It is your responsibility to complete homework, quizzes, and tests by the deadline. You may work ahead in this course and finish before the end of the semester. I will give weekly announcements on what is required to be completed, but you may work further than the paced class schedule.

Methods of Evaluation

1. Online homework will count 25% of your overall average
2. There will be at least two quizzes. You may use your notes and/or book. You can take the quizzes at anytime prior to the due date. Quizzes count 5% of your overall average.
3. There will be a midterm exam proctored by your hosting college. Graphing calculators are not allowed on the exam. You may use a scientific calculator if you wish, but it is not required. No other outside material or study aids will be allowed on this exam. There is a practice test for this exam. The midterm exam counts 35% of your overall average.
4. There will be a comprehensive final exam proctored by your hosting college. Graphing calculators are not allowed on the exam. You may use a scientific calculator if you wish, but it is not required. No other outside material or study aids will be allowed on this exam. There is a practice test for this exam. The final exam counts for 35% of your overall average.

Grading

There will be no drop grades, replacement grades, curves, rankings, etc. nor is there any other type of extra credit. All grades will be converted to a percentage scale. The grading scale for all assignments is as follows:

90	-	100	A
80	-	89	B
70	-	79	C
60	-	69	D
59 or below			F

Academic Honesty

Plagiarism and cheating on exams will not be tolerated. The instructor has the responsibility of assigning an appropriate penalty. This may include failure of an assignment, dismissal and failure of the course, or dismissal from the institution.

MSVCC Academic Honesty Policy

A hallmark of any profession is integrity and honesty. Academic honesty is expected of all students; therefore, each student is expected to accomplish his/her own work. Academic misconduct includes, but is not limited to, deceptive acts such as the following:

a. plagiarizing from any source
b. cheating in any manner on tests, papers, reports, etc.
c. turning in work as their own when, in fact, it was not their work
d. improperly using technology
e. stealing, buying, or selling course materials
f. either impersonating another student during a test or having another person assume ones identity during a test
g. deliberately conveying false or misleading information

When academic misconduct has occurred, the instructor has the responsibility of assigning an appropriate penalty in accordance with the instructor's institutional policy. This may include failure of the assignment, failure of the course, or dismissal from the institution.

Jones County Junior College

Please refer to the Code of Conduct found in the Student Handbook – http://www.jcjc.edu/studentservices/studentpolicies-regulation.php

Testing

There will be two proctored exams for this course. Announcements for these exams will be made in advance and may be taken prior to the deadline. There will be instructions posted in the course about scheduling the proctored exams through an online service.

ADA Statement

Jones County Junior College students who wish to obtain educational accommodations due to qualifying disabilities should contact Pam Brownlee, ADA/504 Coordinator, Student Success Center, 601-477-4122. Documentation of disability may be required. Grievance procedures related to this area are available in this office.