Instructor Information
Name: Prof. Yanjing Avram
DCCCD Email: yavram@dcccd.edu
Office Phone: 972-860-3926, prefer email than the voice mail if I am not in the office.
Office Hours: Please see eCampus Faculty Info. folder for more details.
Division Office and Phone: Location P 330, 972-273-3500

Course Information
Course Title: Contemporary Mathematics I
Course Number: MATH 1332
Section Number: 70431
Semester/Year: Spring 2020
Credit Hours: 3
Class Meeting Time/Location: Online
Certification Date: 04/03/2020
Last Day to Withdraw: 05/04/2020

Course Prerequisites
College level ready in Mathematics at the non-algebra or algebra levels.

Course Description
Topics may include introductory treatments of sets, logic, number systems, number theory, relations, functions, probability and statistics. Appropriate applications are included.

Student Learning Outcomes
Upon successful completion of this course students will:
1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.
4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

**Texas Core Objectives**
The College defines essential knowledge and skills that students need to develop during their college experience. These general education competencies parallel the Texas Core Objectives for Student Learning. In this course, the activities you engage in will give you the opportunity to practice two or more of the following core competencies:

1. **Critical Thinking Skills** - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
2. **Communication Skills** - to include effective development, interpretation, and expression of ideas through written, oral, and visual communication
3. **Empirical and Quantitative Skills** - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions
4. **Teamwork** - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal
5. **Personal Responsibility** - to include the ability to connect choices, actions, and consequences to ethical decision-making
6. **Social Responsibility** - to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities

**Required Course Materials**
Thinking Mathematically MyLabsPlus (MLP) Package for North Lake College

- When you buy the access code from the bookstore, it must have the course title on the cover *Thinking Mathematically*. Otherwise, it would be a wrong code.
- You can purchase it from the NLC bookstore. This software includes the electronic textbook. Therefore if you are ok using an ebook there is no need to buy the paper textbook.
Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Technical Support

MyLabsPlus support website: http://www.mylabsplus.com/support
Technical support number for eCampus: 972-669-6402
Technical support number for MyLabsPlus: 1-888-883-1299

Course Content
Chapter 1 Problem Solving and Critical Thinking
Chapter 2 Set Theory
Chapter 3 Logic
Chapter 8 Personal Finance
Chapter 11 Counting Methods and Probability Theory
Chapter 12 Statistics

Graded Work

The tables below provide a summary of the graded work in this course and an explanation of how your final course grade will be calculated.

Summary of Graded Work

<table>
<thead>
<tr>
<th>Assignments</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework/SLO Quiz/Practice Tests in MLP</td>
<td>22%</td>
</tr>
<tr>
<td>Chapter 1 test</td>
<td>12%</td>
</tr>
<tr>
<td>Chapter 2 test</td>
<td>15%</td>
</tr>
<tr>
<td>Chapter 3 test</td>
<td>12%</td>
</tr>
<tr>
<td>Chapter 8 test</td>
<td>12%</td>
</tr>
<tr>
<td>Chapter 11 test</td>
<td>15%</td>
</tr>
<tr>
<td>Chapter 12 test</td>
<td>12%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Final Grade

<table>
<thead>
<tr>
<th>Percentages</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>Percentages</td>
<td>Letter Grade</td>
</tr>
<tr>
<td>------------</td>
<td>--------------</td>
</tr>
<tr>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-59%</td>
<td>F</td>
</tr>
</tbody>
</table>

**Other Course Policies**

**Testing**
Most of the chapter tests are inside the MyLabsPlus except two chapters are inside e-campus. Chapters 1, 3, 8 and 12 are inside MyLabsPlus. Each chapter test ranges from 16 to 26 questions mixed with multiple choices and free response questions.

Chapters 2 and 11 will be on e-Campus using Respondus lockdown browser and a webcam.

**Homework**
Homework is the most important learning tool in the course because it reinforces instruction and it provides an immediate and personal measure of your competence in the course. All homeworks are assigned in MyLabsPlus. No late work will be accepted.

**Quizzes**
There are four SLO quizzes which are part of the homework assignments.

**Late Work Policy**
Late assignments will not be accepted. There are no make-up exams. Late work will receive 10 points off for each day it is late for up to 5 days. After that points, the exam access will end. Last chapter test has a firm deadline and will not be available after the deadline. There is a chance that you might be able to pass the course even you fail one test as long as you do well on other tests and homework assignments.

**STEM/Math Center**
The STEM Center (SC) located in L-137 and L-139 provides assistance and resources free to students enrolled in mathematics and developmental mathematics classes at North Lake College. The SC is a great place to bring a study group, study quietly, get help with math classes, and use the center’s various resources.

Hours: Monday – Thursday 9am – 8pm; Friday – Saturday 9am – 2pm
Manager: Camrunn Beck, Room L135, camrunn.beck@dcccd.edu
Financial Aid Certification of Attendance

To be certified as attending, a student must complete all of first 6 days of assignments earning at least a score of 70%.

Drop Policy

If you are unable to complete this course, you much officially withdraw before or on 05/01/2020. Withdrawing is a formal procedure which you must initiate; your instructor cannot do it for you. See link within Institutional Policies p.7

Counseling Services (A311)

Counseling services for personal issues are provided to all students currently enrolled at North Lake College. These services are provided by licensed professionals who are bound by confidentiality (within ethical parameters) at no charge. With the assistance of a counselor, students are able to identify, understand, resolve issues and develop appropriate skills. To make an appointment call 972-273-3333 or visit A311.

Institutional Policies

Institutional Policies relating to this course can be accessed using the link below. These policies include information about tutoring, Disabilities Services, class drop and repeat options, Title IX, and more.

North Lake Institutional Policies (http://www.northlakecollege.edu/syllabipolicies)

This course syllabus is intended as a set of guidelines. Both North Lake College and your instructor reserve the right to make modifications in content, schedule, and requirements as necessary to promote the best education possible within prevailing conditions affecting this course.