Course Syllabus – Spring 2023

Course Information

- Course Number and Title: MGF 1106 – Liberal Arts Mathematics
- Section Number: 03
- Course Credits: 3
- Meeting Time: Tuesdays and Thursdays, 11:00 AM - 12:15 PM
- Meeting Location: Ocala Campus, Building 7, Room 109
- Description: MGF 1106—Liberal Arts Mathematics --- This course is designed for students whose majors do not require courses in Statistics, College Algebra or Pre- Calculus. MGF 1106 is not designed as a prerequisite for other mathematics courses. This course covers many mathematical skills including systematic counting and probability, statistics, geometry, sets and logic. Some topics related to the history of mathematics are also included in the course. This course counts toward the Gordon Rule mathematics requirement for the A.A. degree. Gordon Rule applies.

Course Materials

- A MyMathLab **access code** and scientific calculator are required.
- Students must register for MyMathLab through the "MyLab and Mastering" tab in Canvas. Going about this any other way results in a prompt for a course ID number, which is not necessary for this course.
- Instructions for registering for MyMathLab will be provided in Canvas.
- Each MyMathLab access code includes an electronic copy of the textbook, so obtaining a physical copy of the textbook is optional.
- The electronic copy of the textbook will be available under the "eText" category in MyMathLab.
- Textbook: THINKING MATHEMATICALLY, 7th --- Blitzer

Instructor Contact Information

- Name: Andrew Bosley
- Office Location: Ocala Campus Building 7, Room 102-J
- E-mail Address: bosleya@cf.edu
- Phone: (352)-854-2322 Ext. 1403

Office Hours (In Person, Room 2-207)

- Mondays, Tuesdays, Wednesdays, and Thursdays (10:00 - 11:00) AM and (12:30 - 2:00) PM

Online Hours (via e-mail)

- Mondays: (4:30 - 5:30) PM

Office hours will not be held during finals week or during scheduled college holidays and closure dates.

Extended Emergency Closure

- For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu

E-mail Contact and Course Announcements

- Class updates will normally be given through Canvas e-mail and the Canvas "Announcements" page.
- It is strongly advised for students to check their e-mail and Canvas announcements often.
- Students are welcome to e-mail me with any questions at bosleya@cf.edu
- When sending an e-mail, please include your name, course, and section number. This description will help me in assisting you.
- Students may also use the "Ask My Instructor" function in MyMathLab homework assignments. This will send me a link directly with the specific math problem that you requested help with.
- When sending an "Ask My Instructor" link, please include a description of what you are having difficulty with. This will help me to better answer any question(s) you may have.
- Please allow up to 24 hours response time for e-mails received from Monday morning to Friday afternoon.
- Please allow up to 48 hours response time for e-mails received from Friday evening to Sunday evening.
- Scheduled holidays and unforeseen emergencies may increase response time.

Attendance

- It is the student's responsibility to attend lectures given by their instructors. In addition, students are responsible for any material missed during lectures.
- Attendance will not factor towards student grades, but students are greatly encouraged to attend all lectures and inform their instructors in advance if a lecture will be missed.
- Non-attendance does not constitute a withdrawal from the course

Attendance Verification

- A student will be verified as "Attending" the course if two objectives are completed:

1. Successfully registering for MyMathLab
2. Completing at least one homework assignment or exam

Assignment and Exam Responsibilities

- It is the student's responsibility to:
    - Pay close attention to the due dates for all homework assignments and exams. These dates are noted in the syllabus and in MyMathLab.
    - Make sure that all homework assignments are completed on time.
    - Do not miss exams! Exam dates are shown in Canvas and in the syllabus.
    - Keep up with course material and not wait until the last moment to complete assignments.
- Students may work ahead on homework assignments if they choose.

Cheating/Academic Dishonesty

- Students must do their own work in this course. Cheating/Academic Dishonestly will not be tolerated!
- Exams are closed-book, closed notes.
- Cheating consists of, but is not limited to:
    - Copying another student's work
    - Assisting a student during an exam.
    - Use of notes, textbooks, documentation, or websites not allowed by the instructor during an exam
    - Any sort of cellular phone use during an exam.
- Consequences of cheating will result in a zero grade for the exam and possibly a 'FF' grade for the course.

Learning Outcomes

- Quantitative and Analytical Reasoning - The student will understand and apply mathematical and scientific principles and methods:
    - Perform accurate computations using order of operations with and without technology.
    - Identify and organize relevant information and complete the solution of an applied problem.
    - Interpret and communicate understanding of visual representations of data.
    - Demonstrate mathematical number sense and unit sense.

Assessment

- Grades in this course will be calculated from three categories of assignments:
    - Homework
    - Unit exams
    - A comprehensive final exam

Homework

- Homework problems are found under the "Assignments" tab in MyMathLab.
- Students have unlimited attempts on a homework problem. If a student fails to answer a homework problem correctly three times in a row, a similar problem will be given in its place.
- Only homework problems completed prior to the due date will receive credit.
- Homework accounts for 25% of the final grade.
- All homework will be open on January 10.
- There will be four homework sets (one for each unit) assigned in this course. The due dates are arranged as follows: The due dates are arranged as follows: Due dates are subject to change at the instructor's discretion.
    - Homework Set 1**:** Assignments for sections 1.1 – 1.3. and section 2.1 - 2.5 are due February 7 at 11:00 AM.
    - Homework Set 2: Assignments for sections 3.1 – 3.8 are due March 9 at 11:00 AM.
    - Homework Set 3: Assignments for sections 9.1 – 9.3 and 10.1 - 10.5 are due April 4 at 11:00 AM.

    - Homework Set 4: Assignments for sections 11.1 - 11.8 are due May 2 at 11:00 AM.

- There are also media assignments available in the Homework category. Media assignments are optional and carry no weight towards your grade, but they are an additional resource to assist in the course. They provide PowerPoint slides, videos, and direct links to the text. Media assignments will be open for the entire semester.

Exams

- There will be four (4) required exams in this course. Exams 1 through 3 are unit exams and will cover about 1 to 2 chapters of course material each. The fourth exam is a final exam that is comprehensive of all material covered in the course.
- If a student cannot attend class on an exam date, they must inform their instructor before the exam is given.
- No make up exams will be given. Missed exams will be entered in MyMathLab as a zero.
- Each unit exam is worth 18% of the final grade (Three unit exams that total 55% of the final grade).
- The comprehensive final exam is worth 21% of the final grade.
- Calculators may be used during exams.
- Exams 1, 2, and 3 each have a time limit of 75 minutes to complete.
- The final exam has a time limit of 120 minutes to complete.

Exam Dates

Paper exams will be given in class on the following dates. Exam dates are subject to change at the instructor's discretion.

- Exam 1 - February 7 (Covers chapters 1 and 2)
- Exam 2 - March 9 (Covers chapter 3)
- Exam 3 - April 4 (Covers chapters 9 and 10)
- Final Exam - May 2, 11:00 AM - 1:00 PM (Covers chapters 1, 2, 3, 9, 10, and 11)

Single Unit Exam Score Replacement

- If the grade received for the comprehensive final exam is greater than the lowest score obtained among the unit exams, then the final exam score will replace the lowest of the unit exam score.
- For example, if exam 1 = 60%, exam 2 = 80%, exam 3 = 70%, and you then receive a 90% on the final exam --- your scores will become exam 1 = 90%, exam 2 = 80% and exam 3 = 70%, and final = 90%.
- If the lowest unit exam score repeats, still only one score will be replaced.
- No score replacement will occur if the final exam grade is lower than the lowest unit exam grade.
- No score replacement will occur on a 0% obtained via cheating/academic dishonesty or cellular phone usage.
- No makeup exams will be given, but a missed unit exam (which is considered as a 0%) is eligible for replacement.
- If the final exam is missed, it will count as a 0% and no score replacement will occur on a unit exam.

Grades

- The final percentage grade will be calculated based on the following weights:
  - Homework: 25% of final grade
  - 3 unit exams at 18% each: 54% of final grade
  - Comprehensive final exam: 21% of final grade

- All grade progress in the course will be shown in the "Gradebook" category in MyMathLab
- Final letter grades will be calculated based on the following scale:
  - A = 90% to 100% --- 4 quality points
  - B+ = 87% to 89% --- 3.75 quality points
  - B = 80% to 86% --- 3 quality points
  - C+ = 77% to 79% --- 2.75 quality points
  - C = 70% to 76% --- 2 quality points
  - D = 60% to 69% --- 1 quality point
  - F = 59% and below --- No quality points
  - FF = Failure: Academic Dishonesty --- No quality points

Additional Resources

- In addition to the "Media" assignments in MyMathLab, I have my own notes and videos for many of the topics in this course. Links to these notes and videos will be provided in Canvas as the semester progresses.

Disclaimer

- The instructor reserves the rights to make any changes to these policies and procedures as well as the course outline as deemed necessary. The instructor will always strive to be fair about any changes.