Math 109: Winter 2020 (Online) Course Description

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Office Hours: N/A

Description: Math 109 (General Math) is a terminal math course for students whose majors do not require the study of algebra. This course satisfies the Quantitative Reasoning requirement of the Foundations category for the WKU Colonnade Program. It meets the following objectives:

       1) Interpret information presented in mathematical and/or statistical forms.
       2) Illustrate and communicate mathematical and/or statistical information symbolically, visually, and/or numerically.
       3) Determine when computations are needed and execute the appropriate computations.
       4) Apply an appropriate model to the problem to be solved.
       5) Make inferences, evaluate assumptions, and assess limitations in estimation modeling and/or statistical analysis.

Text: Math in Our World, Sobecki, 4th edition.   ISBN: 978-1-259-96969-0
*** Please Note: this is a TEXTBOOK, not a Worktext or Workbook***

Content: Chapters 1, 2, 5, 6, 7, 8, 9, 10, and 11 will be covered in parts or total as time permits.

Attendance: Attendance in this course is crucial to your success. Therefore, your attendance and punctuality are expected. Written University Policy states, "Registration in a course obligates the student to be regular and punctual in class attendance." <u>No distinction</u> is made between excused and unexcused absences, and arriving late or leaving early may be equivalent to an absence. Attendance will be taken at each scheduled class meeting. In the event of an absence, *it is the <u>student's responsibility</u> to keep up with the class.*

Attendance Calculation: Checking into the Zoom link each day of class will count as your attendance credit for that day.

Supplies: Notebook paper, **PENCIL**, eraser, basic scientific calculator. *<u>Pencils only for mathematics.</u> Only assignments completed in pencil will be accepted.* A Scientific Calculator will be needed. Any calculator with capabilities beyond the TI-84 is prohibited. Use of cell phones as calculators is prohibited.

Homework: Mastering homework is vital for success in mathematics. A <u>Homework List</u> will be distributed on the first day of class. Homework is separated into 2 categories:

1. **Recommended Practice**: These are exercises that I recommend you practice outside of class. The purpose of these practice problems is to give you an opportunity to practice the concepts we cover in class. Odd problems are assigned, because the <u>answers</u> to these problems are listed at the back of the book. Achieving "mastery" of the material is the goal, so it is your responsibility to practice until you reach mastery for each topic. The beginning of each class is dedicated to answering questions over the recommended exercises related to the material covered in the previous class. I suggest that you take time to practice as many of the recommended practice problems as you can between class meetings.

2. **Homework Sets:** There will be approximately 8 Homework Sets assigned. These Homework Sets will be scored and the average of the best six scores will represent 20 % of your final grade in the class. Each Homework Set and due date will be given to the class at least 2 classes ahead of the due date for the Homework Set. The homework sets are due <u>at the beginning of class</u> on the due date. **NO Homework Sets will be accepted late.** Homework Sets must be scanned and emailed to me before the beginning of class on the due date. Plan ahead. Homework Sets that are turned in early (one day or more ahead of the due date) will receive a 10% bonus for the score.

Tests: There will be a minimum of three (3) in-class tests. The overall test average represents 60% of your final grade in the class.

Final Exam: Refer to WKU's final exam schedule for date and time of the final exam. The final exam represents 10% of your final grade in the class.

Make-Up Policy:
  Homework: NO late homework will be accepted.
  Test: NO make-up tests are given. If your final exam score is higher than your lowest test score, it will replace the lowest test score. In the event of a missed test, the final exam score will automatically substitute for the missed test score.

<u>**Grading:**</u> Little credit is awarded unless *supporting work is shown*. All work (that is handed in for a grade) must be completed in **pencil**.

Final Grade Calculation

The final grade is calculated using the following weighted scale:

Attendance:	10 %
Homework Sets:	20%
Tests:	60%
Final Exam:	10%
Total:	100%

Grades are assigned from the weighted average according to the following percentages:

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

Borderline grade consideration will take into account: attendance, class participation, and improvement demonstrated by a strong final exam score. Under no circumstances will a student with excessive absences (whether excused or unexcused) be considered for "rounding up" a borderline grade.

Tutors:
WKU – Main Campus: Math Lab: COHH 2124: Mon–Thurs: 8:30 AM – 4:30 PM and
Fri: 8:30 AM – 2:00 PM.
Tutors in the Math Lab are undergraduate or graduate math majors and are familiar with the
Math 116 course content. Tutoring is free.

WKU – Glasgow: Start Center**,** Room 163 (hours posted at the door)

WKU Disability Policy: In compliance with university policy, students with disabilities who require academic
and/or auxiliary accommodations for this course must contact the Office for Student Disability Services, DUC A201.
The OFSDS telephone number is 270 745-5004 V/TDD.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation
from the Office for Student Disability Services.

Title IX, Discrimination, Harrassment: Western Kentucky University (WKU) is committed to supporting
faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at
        https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf and
Discrimination and Harassment Policy (#0.2040) at
        https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you
experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged
to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe,
270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual
misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and MUST
report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with
someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at
270-745-3159.

NOTE: This syllabus is subject to revision until the first day of class for a given school term.