

MGF 1106 SYLLABUS

COURSE INTRODUCTION

MGF 1106, Mathematics for Liberal Arts I is a general education/math course which is not intended to prepare you for Precalculus or Calculus. Instead, this course is meant to cover topics that are broadly applicable both in daily life and in the workplace. This course qualifies for both GenEd and Gordon Rule credits.

Prerequisites: None

Credits: 3

Course Content: Introduction to sets, logic, number theory, algebra, linear programming, probability, and statistics.

This is a **HYBRID COURSE – all content is delivered online; however discussion sections meet on campus**. Students view 24 lectures online, complete online homework and quizzes using the publishers' software MyMathLab. Students are required to attend discussions. The Three Unit Exams and the Final during the term are also completed in MyMathLab but are administered in computer labs on campus in the evening. The course management system used for this class is Canvas.

The course is divided into 24 Modules, which are assembled into 3 units:

<u>Unit 1:</u>	Module 1 – Module 8
<u>Unit 2:</u>	Module 9 – Module 15
<u>Unit 3:</u>	Module 16 – Module 24
<u>Final Exam:</u>	Module 1 – Module 24

CONTACT INFORMATION

Canvas: <https://ufl.instructure.com>

Course Coordinator:	Dr. Ross Ptacek
Office:	LIT 442
Office Hours:	Wednesday: 9:00 - 12:00 pm (or by appointment)
Office Phone:	(352) 294 – 2306
E-mail:	rptacek@ufl.edu

MGF 1106 Class Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
8/21 Classes begin	8/22	8/23	8/24 Discussion - Intro to MGF 1106	8/25
8/28	8/29 *L1	8/30	8/31 Discussion (L1, L2) L2	9/1 Introduction Assignments Due
9/4 Holiday	9/5 L3	9/6	9/7 Discussion (L3,L4) L4	9/8
9/11	9/12 L5	9/13	9/14 Discussion (L5, L6) L6	9/15
9/18	9/19 L7	9/20	9/21 Discussion (L7, L8) L8	9/22 **Checkup 1
9/25 Exam 1 (L1-L8)	9/26	9/27	9/28 Discussion (L9) L9	9/29
10/2	10/3 L10	10/4	10/5 Discussion (L10,L11) L11	10/6 Homecoming
10/9	10/10 L12	10/11	10/12 Discussion (L12,L13) L13	10/13
10/16	10/17 L14	10/18	10/19 Discussion (L14,L15) L15	10/20 Checkup 2
10/23 Exam 2 (L9-L15)	10/24	10/25	10/26 Discussion (L16) L16	10/27
10/30	10/31 L17	11/1	11/2 Discussion (L17,L18) L18	11/3
11/6	11/7 L19	11/8	11/9 Discussion (L19,L20) L20	11/10
11/13	11/14 L21	11/15	11/16 Discussion (L21,L22) L22	11/17
11/20 Last day to drop	11/21 L23	11/22 – 11/24 Holidays		
11/27	11/28 L24	11/29	11/30 Discussion (L23,L24)	12/1 Checkup 3
12/4 Exam 3 (L16-L24)	12/5	12/6 Last day of classes	12/7 – 12/8 Reading Days	

Final Exam: Wednesday Dec 13, 10:00 – 12:00

***Official due dates for lecture completion are in MyMathLab**

****Checkups are always due at Midnight on Friday before an Exam on Monday**

COURSE MATERIALS

Textbook: Title: A Survey of Mathematics with Applications
Author: Angel, Abbot, and Runde
Publisher: Pearson Education
Edition: 10th edition

MyMathLab

You are required to use MyMathLab to do your homework, quizzes and exams.

The MyMathLab software has the textbook(e-book) built in it.

You have TWO options of viewing the textbook:

1. You can access the A Survey of Mathematics with Applications e-book available in MyMathLab.
2. A hard copy of the textbook can be purchased at the Campus bookstores:
A Survey of Mathematics with Applications Print Upgrade
ISBN: 9781323028544

TECHNOLOGY

Canvas is the hub of the course. It is where you will access the lecture videos, view your grades, or post your course questions in the Discussion Boards. It is maintained by UF, and you will need your gatorlink ID and password to access it. The website address is <https://ufl.instructure.com/>

MyMathLab is where the actual Math is done. Here you'll do your homework, quizzes, CheckUp exams, and Exams. It is maintained by Pearson Education, the publisher of your textbook. **To access MyMathLab, click on the MyMathLab tab in the left navigation bar in Canvas.** You will need to register upon first entering the site.

LECTURE PRESENTATIONS

Viewing lecture presentations is an important aspect of learning process. You will access the lecture videos from the corresponding Module in Canvas. You can view, download, and print the lecture notes from each module page or from the Files tab in the left-hand navigation in Canvas. It is recommended that you have a hard copy of the lecture notes in order to follow the lecture videos.

You should view the entire lecture, read the textbook, and then take the **WarmUp** quiz in MyMathLab.

DISCUSSIONS

Discussion Sessions & Discussion Quizzes: Each Thursday at the time assigned to your section, you will meet your Discussion Leader on campus (see your class schedule). These sessions are for discussing material, asking questions, and taking in-class discussion quizzes. The above calendar shows which lectures will be covered on the in-class quiz in parentheses. The discussion quizzes will be worth 10 points each. The lowest 3 discussion quizzes will be dropped. Thus, a maximum total score earned on Discussion quizzes is 100 points.

ASSIGNMENTS

How to get started – Introduction Assignments: You should log in to Canvas and click on the Start Here page. Begin with viewing the Introduction video and reading the Course Syllabus. You have two assignments to complete in Canvas:

1. **Introduction to Course Discussion Board Post (6 pts)**
2. **Introduction Quiz (10 pts)**

The instructions for these are given in Canvas. Your next step is taking the **Syllabus Test in MyMathLab**. The syllabus test is out of 10 points. The **deadline for all Introduction assignments** is Friday, Sept. 1, as shown in the calendar. After completing the introductory part, you are ready to move to the main content: Module 1 – Module 24.

Modules in Canvas: The links to Modules are arranged according to units in Canvas. Unit 1 covers Modules 1 – 8, Unit 2 covers Modules 9 – 15, and Unit 3 covers Modules 16 – 24. On a module page, you will find complete information on the content and things you need to do. **The homework, quizzes, and exams are given in MyMathLab.**

You should work on each Module in the following way: click on the Module in Canvas, read the objectives covered, look through To Do List, view the lecture presentation, and read the corresponding sections in the textbook. Then click on the MyLab and Mastering tab in Canvas to access MyMathLab, take the WarmUp Quiz on the lecture, complete your homework, and then take the Module Quiz. (To work in the right order in MyMathLab, click on “MyMathLab All Assignments” and then on “Show All” to see all open assignments.)

WarmUps & Homework in MyMathLab: Each assignment in MyMathLab is numbered according to the Lecture/Module. For example, L2 corresponds to Lecture/Module 2. A **WarmUp** Quiz tests you on the knowledge of the material from the lecture and the textbook. Each **WarmUp** is out of 2 points and you have 3 attempts to complete it with the best attempt counted. A maximum of 48 points can be earned on the WarmUps. The WarmUp is a prerequisite to the corresponding homework. In MyMathLab the prerequisites are seen when you point the cursor at the flag next to the assignment on the assignments page.

Each **Homework** assignment consists of a list of problems and is worth 4 points. **The credit for a homework assignment will be given according to the percent value of the work completed.** The “passing score” for proceeding to the Module quiz is 80%. NOTE 80% on a homework assignment will not give you the full credit of 4 points for this assignment but only 3.2 points. To get the full credit, you have to complete 100%.

There will be 24 homework assignments. Thus, a maximum of 96 points can be earned on the homework. **The homework assignments may be accessed all semester to improve your score. After December 7, students will receive a zero for any assignments not completed.** Remember you must complete at least

80% of the homework before the due date in order to take the 5-point Module Quiz. **The Module Quizzes will not be re-opened.**

NOTE: If you missed a due date for a Module, go to the next Module so that you do not fall behind in the course. You can return to the previous Module later and work on the WarmUp and homework.

MyMathLab Homework/Quizzes open TWO WEEKS before the deadline. They will be graded by the software and you will see your score immediately after submitting your work. You will have 3 attempts on each problem in the **homework**; however, if all attempts are used and you wish to receive a credit for the problem, you can click on “Similar Exercise” and get a “fresh” problem up to 3 times.

Module Quizzes: You will take a Module Quiz in MyMathLab after you complete at least 80% on the Homework. **Each quiz is worth 5 points.** Quizzes cover the same material as the homework and will include problems similar to the ones in the homework. There will be 5 – 10 problems given for a 30-minute period of time and the better of two attempts will count. We offer 24 quizzes; however, only 20 quizzes will count towards your grade (your 4 lowest scores will be dropped). Thus, a maximum total score earned on the Module Quizzes in MyMathLab is 100 points.

Makeup Policy on Quizzes: If you have a legitimate documented reason for not meeting the deadline on a MyMathLabModule Quiz or Discussion Quiz, you must contact your instructor or the course coordinator prior to the event in order to makeup the missing Module (see the contact information on the first page of the current syllabus). **We do not accept any late excuse documentation. Quizzes, Homework, and Exams will not be reopened, reviewed, offered, or graded after April 19.**

If you are experiencing a problem with login, registration, or working on MyMathLab assignments, please contact Pearson’s MyMathLab Technical Support Team by calling 1-800-677-6337.

UNIT EXAMS

The tentative dates for your exams are indicated in the Calendar. Unit Exams are given in the evening. An announcement will be made prior to each exam to tell you the time and location of your exam. Unit exam duration is 60 minutes. Each Unit Exam contains 20 four-point problems. A maximum of 80 points can be earned on each unit exam.

There will be no Makeup Exams given in this course without legitimate documentation. Late excuse documentation will not be accepted.

For each exam, you should bring only a pencil or a pen and your UF Gator1 picture ID. NO CALCULATORS! NO CELL PHONES! NO NOTES! NO BOOKS! Scratch paper will be provided.

Final Exam: On **Wed. Dec 13, 10:00-12:00**, a comprehensive 90-minute Final Exam will be given. It consists of 25 questions which count 4 points each for a total of 100 possible points. The Final Exam is mandatory.

Checkup Exams: There will be three Checkup Unit Exams and a Checkup Final offered online to help you practice for the actual exam. Each Checkup will become available a week prior to the actual exam date and **close at the midnight of the day preceding the exam.** The Checkup Exams are designed to help you to actively review the material. Each Checkup exam is worth 10 points and can be taken only once. A Checkup exam contains 30-50 questions to be completed in 120 minutes. A maximum of 40 points total can be earned on the Checkup Exams. We recommend taking a Checkup early to have enough time for the review, which you can access by going to the MyMathLab Gradebook and clicking on Review next to the CheckUp.

COURSE GRADE

Course Grade: The course grade is based on 750 points accumulated as follows:

1	Introduction Quiz	@ 10 points	10
1	Introduction to Course Discussion Post	@ 6 points	6
1	MyMathLab Syllabus Test	@ 10 points	10
24	WarmUp Quizzes	@ 2 points	48
24	Online Homework	@ 4 points	96
20	Online Quizzes	@ 5 points	100
10	In-Class Discussion Quizzes	@ 10 points	100
3	Unit Exams	@ 80 points	240
1	Final	@ 100 points	100
4	Check-Up Exams	@ 10 points	40

Total Score: **750 points**

The course grade is the grade satisfying the conditions below and will be strictly adhered to:

Passing Grades		
675 – 750	A	90% – 100%
645 – 674	A-	86% – 89.9%
615 – 644	B+	82% – 85.9%
585 – 614	B	78% – 81.9%
555 – 584	B-	74% – 77.9%
525 – 554	C+	70% – 73.9%
495 – 524	C	66% – 69.9%

Non-passing Grades		
465 – 494	C-	62% – 65.9%
435 – 464	D+	58% – 61.9%
405 – 434	D	54% – 57.9%
375 – 404	D-	50% – 53.9%
below 375	E	< 50%

Grade I: The grade of “I” (Incomplete) is never used to avoid an undesirable grade. It is used only if a student has completed all term assignments and has a passing grade in class but is missing the final exam due to illness or extenuating circumstances. A student must sign a form with the course coordinator to receive an “I” in the course.

Calculator Policy: A scientific calculator may be required for some homework and MyMathLab problems but is **not allowed** on the Discussion quizzes or Exams.

Make up policy: All makeups in the course are given only on legitimate and documented reasons. NO late documentation will be accepted. NO makeups will be given at the end of the term.

SPECIAL ACCOMMODATIONS

Students with disabilities requesting accommodations on homework, quizzes, and exams must first register with the Dean of Students Office. The Dean will provide the student with documentation, which must be turned in to the course coordinator or your instructor **during the first two weeks of the semester**.

ACADEMIC HONESTY

The University of Florida expects students to be honest in all of their university class work. Please remember to commit yourself to academic honesty with the pledge:

“We, the members of the University of Florida Community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

The Math Department expects you to follow the academic honesty guidelines. Matters of violations of academic honesty are adjudicated by the Student Honor Code.

HELP

Please refer to the **UF Computing Help Desk** with all problems relating to the **computer usage**.

In addition to participating in the discussion boards, attending your instructor’s office hours, and using tutorial features in MyMathLab, the following aids are available:

(a) **Broward Math Center:** The OIR Teaching Center located in SE Broward Hall is open during the day and in the evening. Further information and hours of operation are posted online at www.teachingcenter.ufl.edu

(b) **Private Tutors:** If, after availing yourself of these aids, you feel you need more help, you may obtain from the Mathematics Department Office (358 Little) a list of qualified tutors for hire. This list is also posted on the department web page www.math.ufl.edu

ONLINE COURSE EVALUATION

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>.