Math 1301 – Contemporary Mathematics
Section 003

The University of Texas ARLINGTON

Course Instructor

REPLACE WITH: **Mr. Miguel** Arellano
instructor@uta.edu
The instructor will respond to email inquiries within 24-48 hours. *Over the **weekends** the Instructor has **NO** access to the **Internet** neither in his phone nor at home.* Thus, you may expect a reply if you send an email from Friday—Sunday until the following Monday.
Mentis Faculty Profile: https://www.uta.edu/profiles/firstname-lastname
Office: **Pickard Hall 436**
Office Phone: 817-272-5516. Please *do NOT leave a Voicemail since it is out of order if you call* and there is no answer.
Office Hours: **MW** 11:15 AM—12:00 PM and by Appointment.

Textbook and Materials

You have one option for this course and you can purchase your items through the UTA Bookstore.

Access Code and Textbook Bundle: *A Survey of Mathematics with Applications*, 9th Ed., Angel, Abbott, and Runde, Pearson Ed. Inc., 2013. ISBN# 1323042539; containing MLP access code.

Calculator Policy

Students may choose to use a **scientific, non-graphing** calculator on all assignments including tests and the final exam. If so, it MUST be ONLY one of the following models explicitly:

Texas Instruments 30X series: TI-30Xa, TI-30XIIS, TI-30XIIB, TI-30XS (Multiview)
Casio FX series: FX-82MS, FX-85M-S, FX-260SLR, FX-260SLRPK, FX-260SLRSCH
Sharp EL series: EL-501X, EL-501XBGR, EL-501XBWH, EL-531X, EL-531XBGR, EL-531XBWH
Canon F series: F-604, F-710

No variation of model will be accepted. This includes but is not limited to plus and pro models.

Course Elements

Scheduled Meeting Times and Locations

Days and Times: **MWF** 9:00—9:50 AM
Classroom: **PKH 113**

Attendance Policy

At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, I have adopted the following attendance policy. Attendance will be taken by means of a **SEATING CHART**, and students are expected to attend class, be attentive, and participate in discussions/activities.

Schedule of Lessons and Tests

You must complete all assignments and tests by the due dates. Due dates are listed in **MyLabsPlus (MLP)** and also in the Course Schedule located in Blackboard. **All MLP deadline times are in Central Time**.

Grade Calculation

Homework, Tests, Exam	Percent of Grade
Homework/Quizzes	20%
Chapter Tests (Average of 3 Tests)	50%
Comprehensive Final Exam	30%
Total:	100%

- Two of the lowest homework grades and one quiz grade will be dropped at the end of the semester.
- In the event you are not satisfied with one of your three chapter exam scores, you may ask your instructor for a retake. Only ONE retake on a chapter exam of your choosing will be granted. Please reference the course schedule for specific retake dates. You MUST solicit and receive approval from your instructor prior to taking your ONE retake exam. All retakes must be completed prior to the final exam.

Grading Scale

Grades will be computed based on the following distribution. Grades are rounded up accordingly.

90 — 100%	**A**
80 — 89%	B
70 — 79%	C
60 — 69%	D
Below 60%	F

Learning Resource Center -- Math *Emporium Computer Laboratory*, PKH 308

Email: mathemporium@uta.edu
Website: http://www.uta.edu/math/emporium/
Facebook: https://www.facebook.com/pages/UTA-Math-Emporium/460329394127443

Homework and Quizzes

All homework and some quizzes will be assigned in MyLabsPlus. (www.uta.mylabsplus.com) All electronic homework and quiz assignments are available to you on the first class day. The automated system will provide feedback on assignments immediately upon submission.

- **NO late homework or quizzes will be accepted,** so watch the due dates on the MyLabsPlus calendar. You will receive a zero for any assignments not submitted.
- Homework assignments are set for unlimited access up until the due date and you have 3 attempts per question, however you only have two attempts at each quiz which have a 45 minute time limit and must be completed once opened. Quizzes cannot be saved and resumed later.
- You may also have in-class paper quizzes and assessments. Please be prepared for class as these quizzes may or may not be announced in advance.
- All homework assignments contain learning aids to help you through the material. Be careful not to become overly dependent on these aids or you may not perform well on the exams. You have three chances at a question per attempt. To gain access to the next attempt once a question is marked wrong; simply select the "similar exercise" button at the bottom of the homework screen. Quizzes are designed to check your knowledge retention and therefore do not contain the learning aids except in review mode once the quiz has been submitted.
- A Lockdown program for your browser is required for all electronic quizzes. Be sure that you either, complete your electronic quizzes in the Math Emporium Computer Lab, or that you have administrative rights to the computer you are using in order to install this program. The program is a free download and easily installed through the Browser Check.
- If you have trouble completing the assignments, please seek some form of tutoring and/or see your instructor for assistance.

Tests

There will be three online proctored CHAPTER TESTS throughout the course of the semester on the following **DATES: TEST 1: Wed., FEB. 24; TEST 2: Wed., MARCH 23; and TEST 3: Wed., APRIL 20.**

- All chapter **Tests** are found within **MLP** and are comprised of questions that must be completed within **45 consecutive minutes**. Tests cannot be opened, saved, and returned to at a later time.
- You **may use ONE 3x5 Index Card** with notes **front and back**, an approved **scientific calculator** (see list of approved calculators in Materials section), approved formula sheets, and blank scratch paper which will be provided. No additional materials are allowed.
- The approved **formula sheets** will be **supplied** by your instructor and lab tutors for all tests. These sheets are identical to the ones posted in Blackboard.
- **All Tests, including the Final Exam, are taken in the Math Emporium Computer Lab (PKH 308)** on the UTA campus usually **during your regularly scheduled class time** *or announced alternative time frame*. **You must have your MavID** with you on exam day and will be required to sign in upon entering and exiting the lab.
- You may not leave the room during an exam.
- Use of any unauthorized electronic devices or notes during an exam will result in a grade of ZERO.

Final Exam

The final exam is a comprehensive, proctored exam containing material from all sections covered over the course of the semester. (Please reference the course schedule for exact dates.)

- The **Final Exam** is found within **MLP** and is comprised of questions that must be completed within 135 consecutive minutes. The final cannot be opened, saved, and returned to at a later time.
- You may use **TWO 3x5 Index Cards** with notes front and back, an approved **scientific calculator** (see list of approved calculators in Materials section), approved formula sheets, and blank scratch paper which will be provided. No additional materials are allowed.
- The **approved formula sheets will be supplied by your instructor and lab tutors** for all tests. These sheets are identical to the ones posted in Blackboard.
- The **FINAL EXAM is scheduled on FRIDAY, MAY 13, from 8:00—10:30 AM** will be taken in the **Math Emporium Computer Lab (PKH 308)** on the UTA campus. Final exam dates will be announced at least one week prior to final exam week. You must have your **MavID** with you on exam day and will be required to sign in upon entering and exiting the lab.
- You may not leave the room during an exam.
- Use of any unauthorized electronic devices or notes during an exam will result in a grade of ZERO.

Extra Credit

Extra Credit points to be added to the each Test's grade by actively participating in class, either by asking questions, answering a question posed by the Instructor, etc. No extra-credit points will be added to the Final Exam.

Makeup Policy

In addition to the policy that NO late homework or quizzes will be accepted (see Homework and Quizzes), **there are NO MAKE-UP EXAMS.** If you know *ahead of time* that you are going to miss class for a *legitimate* reason, it is your responsibility to inform the Instructor and make the necessary arrangements. If you have a conflict with a scheduled exam due to a school sponsored or excused event, you MUST have documentation and you MUST arrange to take the test BEFORE you leave. To request an alternate test date because of an approved conflict, please **fill out** the **Alternate Test Date Request Form** which can be **found in Blackboard**. You must either submit the forms directly to me during class or office hours or email the form along with the necessary documentation at least two weeks prior to the first exam. A request for a rescheduled exam will **only** be considered in **rare, documentable, and verifiable instances**. The decision to grant an alternate test date will be at the sole discretion of the instructor and/or course coordinator.

Course Strategies

The primary methods for course content delivery will be lecture.

- You should bring your textbook with you to class. You will be guided through the notes and course material will be explained.

- Students may work through their homework and quiz assignments outside of class time since the MyLabsPlus program is accessible from any source with an internet connection. Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least an additional 9 hours per week of their own time in course-related activities, including reading required materials, completing assignments, preparing for exams, etc.

Announcements: Will be given via the students' MyMav Email Account.

- **Students are responsible for all information** found in these announcements.
- Students should **check** their MyMav Email Account for new announcements *at least* **once a day.**

Help for Students

- **MATH EMPORIUM COMPUTER LAB** located in **Pickard Hall 308**, offers **FREE Daily TUTORING**. For details and scheduling visit the website, http://www.uta.edu/math/emporium/
- **MATH CLINIC** – located in **Pickard Hall 325**, offers **FREE Tutoring** services **daily.**
- Supplemental Instruction – information is found within a tab in your Blackboard course.
- University Tutoring Service http://www.uta.edu/universitycollege/current/academic-support/learning-center/tutoring/index.php Ransom Hall Suite 205.
- Maverick Resource Hotline (817-272-6107). https://www.uta.edu/universitycollege/resources/resource-hotline.php
- Counseling and Psychological Services (CAPS) https://www.uta.edu/caps/
- Additional Online Course Help: https://www.khanacademy.org/

Software and System Requirements

Mozilla Firefox and Google Chrome are the recommended and supported browsers for this course. The course also has the following options for system requirements:

- Windows 7.0 or higher
- Mac OS x 10.8 or higher

If working outside the lab, students are encouraged to use the **Browser Check** on the **initial page** within the **MLP** system in order **to check and/or update (free download) the following *software requirements:***

- **Adobe Flash Player version 11.9 or higher**
- **Adobe Reader version XI or higher**
- **Pearson LockDown Browser for Windows version 1.0.5.16 or for a Mac version 1.0.5.05**

Course Objectives

Course Catalog Description

This course covers material in a traditional algebra course together with real-world applications of mathematics. It develops problem-solving and critical thinking skills. Topics include the mathematics of dimensional analysis, mathematical logic, population growth, optimization, voting theory, number theory, graph theory, relations, functions, probability, statistics, and finance.

Learning Objectives and Outcomes

After completing the course, students should be able to demonstrate the following competencies:

1.0 Students will be able to demonstrate problem solving and critical thinking skills using inductive and deductive reasoning.
2.0 Students will be able to demonstrate logical thought using sets, logic statements, truth tables and number theory.
3.0 Students will be able to recognize and apply algebraic relations, functions and graphs.
4.0 Students will be able to evaluate applications containing metric system units and perform unit conversions.
5.0 Students will be able to evaluate applications involving consumer and finance mathematics.
6.0 Students will be able to demonstrate and apply knowledge of probability and statistics.
7.0 Students will be able to demonstrate and apply knowledge in applications involving voting and apportionment methods.

Course Competencies

1.0 To demonstrate competency in problem solving and critical thinking, a student should be able to:
- 1.1 Identify and use inductive and deductive reasoning to reach conclusions.
- 1.2 Use approximation/estimation to determine reasonableness of results.
- 1.3 Organize and use information in word problems to solve them.
- 1.4 Interpret bar and line graphs, pie charts and tables.
- 1.5 Use set notation to describe and list various types of sets.
- 1.6 Recognize equivalent sets and equal sets and the null set.
- 1.7 Determine the cardinal number of a set.
- 1.8 Identify and describe subsets and determine numbers of distinct subsets.
- 1.9 Use Venn Diagrams to illustrate relationships among sets and to demonstrate survey results.
- 1.10 Determine unions and intersections, complements of sets.
- 1.11 Use number theory to determine divisibility rules.

2.0 To demonstrate competency in logical thought, a student should be able to:
- 2.1 Interpret and express statements in symbolic form.
- 2.2 Express negations of statements.
- 2.3 Determine truth values of statements.
- 2.4 Interpret and use connectors to express compound statements.
- 2.5 Construct truth tables.
- 2.6 Determine logical equivalence of statements.

3.0 To demonstrate competency in algebraic relations, functions and graphs, a student should be able to:
- 3.1 Use order of operations.
- 3.2 Evaluate formulas and solve for specified variables.
- 3.3 Identify algebraic relations and functions.
- 3.4 Solve and apply linear equations.
- 3.5 Solve and apply linear inequalities.
- 3.6 Solve and apply quadratic equations.
- 3.7 Graph linear, quadratic and exponential equations.

4.0 To demonstrate competency in the metric system and unit conversions, a student should be able to:
- 4.1 Use metric units and do conversions within the metric system.
- 4.2 Determine length, area, volume, mass and temperature in the metric system.
- 4.3 Use dimensional analysis to convert units to and from the metric system.

5.0 To demonstrate competency in consumer and finance mathematics, a student should be able to:
- 5.1 Use percents, fractions, and decimals.
- 5.2 Calculate percent increases and decreases.

5.3 Calculate simple interest.
5.4 Calculate compound interest
5.5 Determine present value.
5.6 Calculate payments, interest on amortized loans.
5.7 Calculate future value, payments and interest on annuities.

6.0 To demonstrate competency in probability and statistics, a student should be able to:
6.1 Identify and calculate empirical probability.
6.2 Identify and calculate theoretical probability.
6.3 Determine odds against and in favor of an event.
6.4 Create, interpret, and apply frequency distributions and statistical graphs.
6.5 Calculate and interpret common measures of central tendency such as mean, median, mode and mid-range.

7.0 To demonstrate competency in voting and apportionment methods., a student should be able to:
7.1 Construct and use preference tables.
7.2 Identify and use:
7.2.1 the Plurality voting method,
7.2.2 the Borda Count voting method,
7.2.3 the Plurality with Elimination voting method,
7.2.4 the Pairwise Comparison voting method.
7.3 Identify the flaws in voting methods.
7.4 Identify and use:
7.4.1 Hamilton's Apportionment method,
7.4.2 Jefferson's Apportionment method,
7.4.3 Webster's Apportionment method,
7.4.4 Adams's Apportionment method.
7.5 Identify the flaws in apportionment methods.

Course Policies

Drop Policy

If you withdraw from the course for any reason, you must follow University procedures. It is your responsibility to execute these procedures correctly and within the deadlines. **Instructors are unable to drop students**. The Math Department Office can help with the withdrawal process. We strongly recommend that you drop the course if you are significantly behind in completing the required assignments. Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance.** Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/aao/fao).

Accommodations and Americans with Disabilities Act

The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

The Office for Students with Disabilities, (OSD) www.uta.edu/disability or calling 817-272-3364.
Counseling and Psychological Services, (CAPS) www.uta.edu/caps/ or calling 817-272-3671.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Grade Grievances

Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog. For undergraduate courses including this one, see http://catalog.uta.edu/academicregulations/grades/#undergraduatetext .

Title IX

The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos. For information regarding Title IX, visit www.uta.edu/titleIX.

Academic Integrity

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. This course includes a zero tolerance policy for academic dishonesty and students are expected to adhere to the UT Arlington Honor Code:

> *I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. **Students found guilty of cheating will receive a grade of "F" for the course.**

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)

Student Support Services

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.

Electronic Communication

UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.

Student Feedback Survey

At the end of each term, students enrolled in classes categorized as "lecture," "seminar," or "laboratory" shall be directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.

Final Review Week

A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

Emergency Exit Procedures

Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

Emergency Phone Numbers

In case of an on-campus emergency, call the UT Arlington Police Department at **817-272-3003** (non-campus phone), **2-3003** (campus phone). You may also dial 911. We further recommend that you enter the UTA Police Department's emergency phone number into your own mobile phone. For non-emergencies, contact the UTA PD at 817-272-3381.

Student Intellectual Property Rights Statement

A student shall retain all rights to work created as part of instruction or using university technology resources.

CLASSROOM ETIQUETTE:

Please observe the following BEHAVIORAL policies during CLASS TIME:

- All **electronic devices**, e.g., **Laptops, Tablets, Cell Phones MUST be TURNED OFF and may NOT be used.**
- Specifically, electronic **TEXTING/WEB SURFING in class** is **PROHIBITED** at the penalty of being asked to *leave the room.*
- Please use the **RESTROOM *before* class time.** In case of an emergency, permission is granted.
- **Do not leave the classroom to drink water**; do so before class time or ***BRING A WATER BOTTLE.***
- **Do not leave the classroom to make phone calls** *unless the instructor has been notified in advance.*
- **No eating** in the classroom is permitted *if* the **packaging** makes **noise** when opened or used.
- **Earphones** may not be used during class time.
- Please **refrain from talking** with your classmate sitting next to you. If this becomes an issue in that it happens on more than two occasions with their corresponding warnings, then the students involved will be asked to **sit separately** during the remaining of the semester.

If you are NOT in agreement with the above-stated Classroom Etiquette, please drop this class immediately and take the course with a different Instructor who may not care about maintaining a professional classroom environment.

PLEASE NOTE: PERMANENCE *in the class signifies your* AGREEING *to all of the above-mentioned Classroom Behavioral Etiquette policies.*

MATH1301-003 **Important Dates**

Date and Time	Information
Wednesday, January 20, 1:00pm	First day of class in PKH103
Monday, February 1, 11:59pm	Orientation, Syllabus Quiz, HW for Chapters 1 and 2, Quiz 1 due on MLP
Wednesday, February 10, 11:59pm	HW for Chapter 3 and 5, Quiz 2 due on MLP
Monday, February 15, 11:59pm	HW for Chapter 8, Quiz 5 due on MLP
Friday, February 19, 11:59pm	HW for 6.1-6.4, Quiz 3 due on MLP
Wednesday, **February 24, 9:00 AM**	Exam 1 in PKH308
Thursday, February 25 through Saturday, February 27 (Times TBA)	Retake for Exam 1 only (If you choose to re-take Exam 1 now, you will not be able to re-take another exam)
Monday, March 21, 11:59pm	HW for 6.6-6.10, Quiz 4 due on MLP
Wednesday, **March 23, 9:00 AM**	Exam 2 in PKH308
Friday, April 1, 4:00pm	Deadline to withdraw from courses
Friday, April 8, 11:59pm	HW for Chapter 11, Quiz 6 due on MLP
Monday, April 18, 11:59pm	HW for Chapters 12 and 13, Quiz 7 due on MLP
Wednesday, **April 20, 9:00pm**	Exam 3 in PKH308
Friday, April 29 through Thursday May 5 (excluding the Sunday)	Retakes for Exam 1, 2, or 3 (You are only eligible to re-take ONE exam for the semester).
Monday, May 2, 11:59pm	HW for Chapter 15 due on MLP
Friday, **May 13**, 8:00am	**Final Exam** in PKH308

Course Schedule

- **Orientation Homework Assignment in MLP**: Complete prior to working additional assignments.
- **Syllabus Quiz in MLP**: Complete prior to working additional assignments.
- **Homework and Quiz Assignments** are associated with each section of material and are **due at 11:59 PM Central Time.** See MLP Calendar for specific due dates.
- **All Tests are taken in the Emporium Lab (PKH 308)** during your regularly scheduled class time. It is advised to arrive at least 15 minutes prior to the testing time. **Doors of the Emporium will be locked 15 minutes after the start of the exam and late testing will not be allowed.**

Unit 1 – Block 1

Day of the Week	Lecture Date	Activity/Section Covered
F	1/22	1.1 Inductive Reasoning
F	1/22	1.2 Estimation
M	1/25	1.3 Problem Solving
W	1/27	2.1 Set Concepts
W	1/27	2.2 Subsets
F	1/29	2.3 Venn Diagrams and Set Operations
F	1/29	2.4 Venn Diagrams with Three Sets and Equality of Sets

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #1: Topics from Sections 1.1-2.4

Unit 1 – Block 2

Day of the Week	Lecture Date	Activity/Section Covered
M	2/1	3.1 Statements and Logical Connectives
W	2/3	3.2 Truth Tables- Negation, Conjunction, and Disjunction
W	2/3	3.3 Truth Tables for Conditional and Biconditional
F	2/5	3.4 Equivalent Statements
M	2/8	5.1 Number Theory

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #2: Topics from Sections 3.1-3.4, 5.1
Wednesday	February 24, 2016	**Test #1: Topics from Sections 1.1-1.3, 2.1-2.4, 3.1-3.4, 5.1**

Unit 2 – Block 3

Day of the Week	Lecture Date	Activity/Section Covered
F	2/12	6.1 Order of Operations
M	2/15	6.2 Linear Equations in One Variable
W	2/17	6.3 Formulas

W	2/17	6.4 Applications of Linear Equations in One Variable

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #3: Topics from Sections 6.1-6.4

Unit 2 – Block 4

Day of the Week	Lecture Date	Assignments, Quizzes, Test
F	2/19	6.6 Linear Inequalities
F, M	2/26, 2/29	6.7 Graphing Linear Equations
W	3/2	6.8 Linear Inequalities in Two Variables
F, M	3/4, 3/7	6.9 Solving Quadratic Equations
W, F	3/9, 3/11	6.10 Functions and Their Graphs

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #4: Topics from Sections 6.6-6.10

Unit 2 – Block 5

Day of the Week	Lecture Date	Activity/Section Covered
W	3/10	8.1 Basic Terms and Conversions Within Metric System
W	3/10	8.2 Length, Area, and Volume
W	3/10	8.3 Mass and Temperature
W	3/10	8.4 Dimensional Analysis and Conversions

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #5: Topics from Sections 8.1-8.4
Wednesday	March 23, 2016	**Test #2: Topics from Sections 6.1-6.4, 6.6-6.10, 8.1-8.4**

Unit 3 – Block 6

Day of the Week	Lecture Date	Assignments, Quizzes, Test
F	3/25	11.1 Percent
M, W	3/28, 3/30	11.2 Personal Loans and Simple Interest
F	3/25	11.3 Compound Interest
F, M	4/1, 4/4	11.4 Installment Buying
W	4/6	11.5 Buying a House with a Mortgage
W	4/6	11.6 Ordinary Annuities, Sinking Funds, and Retirement

Associated Assignment

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #6: Topics from Sections 11.1-11.6

Unit 3 - Block 7

Day of the Week	Lecture Date	Activity/Section Covered
F	4/8	12.1 The Nature of Probability
M	4/11	12.2 Theoretical Probability
M	4/11	12.3 Odds
W	4/13	13.3 Frequency Distributions and Statistical Graphs
F	4/15	13.4 Measures of Central Tendency

Associated Assignments

Day of the Week	Date	Assignment
See MLP Calendar for Quiz Due Dates		Quiz #7: Topics from Sections 12.1-12.3, 13.3, 13.4
Wednesday	April 20, 2016	**Test #3: Topics from Sections 11.1-11.6, 12.1-12.3, 13.3-13.4**

Test Retakes

Assignments, Quizzes, Test	Due Date (CST)
Opportunity to choose the first exam as your ONE retake. This retake prior to drop day is optional.	Thursday, February 25 through Saturday, February 27
Window of opportunity to choose ONE exam to retake. Retakes are optional and MUST be complete prior to the final exam.	Friday, April 29 through Thursday May 5 (excluding the Sunday)

Final Exam and Additional Assignments

Day of the Week	Lecture Date	Activity/Section Covered
F	4/22	15.1 Voting Methods
M	4/25	15.2 Flaws of Voting
W	4/27	15.3 Apportionment Methods
F	4/29	15.4 Flaws of the Appointment Methods
Monday, May 9, 2:00pm in PKH308		**Comprehensive Final Exam (All sections)**

All dates and assignments contained in this schedule are subject to change as the semester progresses. Students will be notified in advance of any changes or adjustments.