Math 118: General Education Mathematics
Course number: 33893
IAI# M1 904

Section FH
4 credit hours
Term: Fall 2020 – 16 week session

Class meeting times (Zoom): Tu Th 11:20 am – 12:45 pm

https://cccedu.zoom.us/j/83104334454?pwd=VXovcEJ1aGpHU1dkbmpiSGxxRm5oQT09

Instructor: Nedjla Ougouag, Ph.D.
Contact: nougouag@ccc.edu
Office Hours: Via Zoom upon request by e-mail.
Zoom link: https://cccedu.zoom.us/j/81135171103?pwd=ei9OOER3KzFhZWI5WlcwWE55M1hsdz09   Passcode: Office
Available times:

- Mondays & Wednesdays: 2:00 PM – 4:30 PM.
- Thursdays: 1:00 PM – 3:00 PM.

Prerequisites: Grade of C or better in Math 99, or COMPASS Placement Test Score range within PRE-ALGEBRA (17-99) AND ALGEBRA (43-99) and College ALGEBRA (1-50), or Consent of Department Chairperson.

Additional course website: http://ougouag.com

Changes to this Syllabus
 This syllabus is subject to change if necessary during the semester. If a major change occurs, it will be thoroughly addressed during class, posted under Announcements on the class website and on Brightspace and communicated via email.

Catalog Description

General Education Mathematics

This course is designed to fulfill general education requirements. It is not designed as a prerequisite for any other college mathematics course. This course focuses on mathematical reasoning and the solving of real-life problems. Three topics are to be studied in depth, chosen from the following list: counting techniques and probability, game theory, geometry, graph theory, linear programming, logic/set theory, mathematics of finance, and statistics. Mathematical modeling must be integrated in any combination of topics selected. Applications involving problem-solving skills are emphasized throughout the course. Writing assignments, as appropriate to the discipline, are part of the course.

Course Objectives

- Interpret and draw inferences from mathematical models such as formulas, graphs, tables, and schematics.
- Represent mathematical information symbolically, visually, numerically, and verbally.
- Use arithmetic, algebraic, geometric, and/or statistical methods to solve problems.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:

1. Mathematical Modeling:
   - Represent mathematical information symbolically, visually, numerically and verbally.
   - Apply estimations, graphs, and linear mathematical models to contextual situations.
   - Select and apply appropriate models for solving real-world problems.
2. Mathematics of Finance:
   - Apply the concepts of simple and compound interest, future and present values, and the yield rate of investments to contextual situations.
   - Compute loan payments, credit card charges, mortgages, and investments.
3. Counting Techniques and Probability:
   - Apply the addition and multiplication rules of counting to contextual situations.
   - Apply permutations and combinations to a contextual situation.
   - Determine and count the outcomes in an experiment.
   - Apply the addition and multiplication rules of probability.
   - Formulate and apply discrete probability distributions to a contextual situation.
   - Identify mutually-exclusive and independent events from contextual situations.
4. Statistics:

- Construct and interpret frequency distribution tables and graphs.
- Determine and interpret the measures of descriptive statistics (i.e., central tendency, dispersion, and position) in contextual situations.
- Apply the properties of the normal distribution to contextual situations.

Technical Assistance Help Desk

You can obtain technical and computer help desk assistance by contacting Online Learning:
Online Learning
Harold Washington College 30 East Lake Street Chicago, Illinois 60601
Online Technical Assistance site
Phone #: 312-553-2600

Course Materials

- **MyMathLab: (VERY important!)**

  Register to MyMathLab:

  Sign in to **Brightspace** and enter your Brightspace course.

  Go to **Contents/MyMathLab**.

  Select **MyLab Math Pearson eText** link from the MyMathLab module.

  Access to Your Pearson Course Content:

- Enter your Pearson account **username** and **password** to **Link Accounts**.

You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.

- If you don't have a Pearson account, select **Create** and follow the instructions.

- Select an access option:

- **Enter the access code that came with your textbook or was purchased separately from the bookstore.**

- **Buy access using a credit card or PayPal account.**

- If available, **get temporary access by selecting the link near the bottom of the page.**

- From the You're Done page, select **Go to My Courses**.

Note: It is recommended you always enter your MyMathLab course **through Brightspace**.

Get Your Computer Ready

For the best experience, check the system requirements for your product at:

http://www.pearsonmylabandmastering.com/system-requirements/

Need help?

For help with MyLab & Modified Mastering with Brightspace, go to:

http://help.pearsoncmg.com/mylabmastering/d2l/student/en/index.html

- **Textbook:**

A physical textbook is recommended not required for this course: **Thinking Mathematically,** 7th Edition, Robert F. Blitzer, ©2018, If you order your book from the CCC Online Bookstore , you can track your book order. If you have any questions after you've tracked your order, contact Textbookx Customer Service.

Course Delivery and Class Meetings

Brightspace:

This course makes use of the [Brightspace course management system.](#)
If this is your first time using Brightspace, familiarize yourself with this platform by taking the training sessions available when you first login.
On Brightspace you will find:
- Access MyMathLab where you will find
  - the e-book,
  - HW assignments,
  - Quizzes
  - Other resources.
- Lectures notes in PowerPoint format
- Discussion Assignments
- Zoom Live Class Meetings that you must attend in person (see below)
- Your scores/grades.
- Many more resources.

Course modality: Remote

We will have Synchronous Live Class Sessions at our regularly prescribed times: Tuesdays and Thursdays at 11:00AM.
You will be required to **attend class**, as you would in a real classroom, be active on Brightspace, contribute to the class Discussions, read the Lectures, complete the Assignments and the Quizzes by their due dates and times. All of these activities WILL be graded and will greatly impact your FINAL GRADE in the course.

*As defined by the City Colleges of Chicago: "**Remote** – Remote courses will be conducted online via BrightSpace, Zoom, or another website per your instructor. You are expected to attend all required live sessions at the scheduled class time. You are expected to view recordings of optional live sessions and complete all assignments and assessments through the websites designated by your instructor and the course syllabus. You are not required to attend any in-person sessions on campus for a remote course."*

My personal Website: http://ougouag.com

I will be complementing your course material with a specific Math 118 Course Website. You will find in it, in addition to this syllabus, various handouts, cheat sheets, links to tutorials and many other helpful Mathematical Tools from the web and maybe even fun stuff 😊 .

Grading Policy

- **Readings:** Each week, **you are required to read the PowerPoint Lectures and read from your eBook or textbook the sections** before attempting any of the homework assignments. It is strongly recommended to take notes while you read the text, **watch videos**, and/or work through the sample problems each week. This is not a tracked and graded component of the course, but your success in ALL assignments depends on your understanding of the material.

- **MyMathLab Homework:** There will be topics to be mastered every module in MyMathLab. Some students will need to spend more time to master some of the topics than others due to individual differences.

- **MyMathLab Quizzes:** There will be a MyMathLab quiz each week that you take whenever you like during the allowed dates. You will have a certain number of attempts for each quiz, and your best score will become the score in the gradebook.

- **Discussion Assignments:** Each module will include one discussion activity in BrightSpace. You must cite your sources on any material that you choose to quote or reference.

- **Exams:** There will be 4 exams throughout the semester, one exam for each module. Exams will be taken on **BrightSpace** under Content/Exams.
  Exams are worth 150 points each.
  You will have a **specific length of time** to complete the Exam on your own**.**

  - **Attendance:** I will be using **Zoom report** and **Navigate** to take attendance in this class. If you are absent, Navigate will automatically send you an email in that regard, that may help you keep track of your attendance frequency. Your advisor should be listed in Navigate. If there is not an advisor listed, I recommend that you reach out to the Advising Office, and ask that one be assigned. Advisors can be very helpful as you navigate your academic path at CCC. Log in to Navigate using your CCC username and password. This is the same username and password you would use for Brightspace and ccc student email.
  Your attendance total will be assessed at the end of the semester (10pts).

Guidelines for Participation in Virtual Class Meetings

1. Remote classes are live virtual classrooms. **Your attendance for the entirety of the class is required.** If your connection drops, please rejoin the class. If you need to join late or leave early, please reach out to me prior to the start of class.
2. **Active class participation is integral to the student learning experience.** Use your microphone, the chat feature, the reactions, answer poll questions, and/or share screen features to engage and participate.
3. **Please do not join any class if you are commuting, working out, are at work or otherwise distracted as active participation in the class is required.** If our class were in-person, it would be inappropriate to schedule appointments and/or work or run errands during class time. Treat remote classes as you would in-person classes. If you cannot adhere to the above protocol for participation in the virtual class meeting due to overlapping commitments, please do not register for courses with a virtual meeting component. Students enrolled in courses with virtual (Zoom) components must adhere to the same academic standards and are subject to the same disciplinary actions as students enrolled in fully in-person classes.
4. **During synchronous remote class sessions, please keep cameras on when possible.** I recognize that you may not always have the Internet bandwidth to use the camera. If this is the case, please post a picture of yourself or an avatar so that your classmates and I can connect with you. Here are a few websites on which you can make an avatar: https://www.bitmoji.com/ https://avatarmaker.com/ https://avatoon.me/
5. **I recommend attending our class on a desktop or laptop computer, or a large-screen (10 or more inches) tablet with a front-facing camera and a physical keyboard and mouse.** You may occasionally be asked to share your screen. No matter how you choose to attend, make sure that you have the necessary technology to fully participate in class.

   You may borrow a laptop from the school for free. Clicking on the following link for more information https://www.ccc.edu/services/Pages/Borrow-a-Laptop.aspx. You will need MSWord and a PDF reader (e.g. Adobe Acrobat). You have access to MSWord through your CCC email account. If you primarily use Google Docs, you can download MSWord files then upload them to your Google Drive and edit them in Google Docs. Be sure to convert them back to MSWord before submitting them. (Here's a tutorial on converting Google Docs files to MSWord https://howdoi.daemen.edu/knowledge-base/how-to-save-a-google-doc-as-a-word-file/).

Grading Criteria

Learning Activities	Number of Activities	Points for Each Activity	Total Points
Orientation	3	Intro (10pts), Quiz(5pts) and Intro MyMathLab(5pts)	20
MyMathLab Homework	4	25	100
MyMathLab Quizzes	4	25	100

Discussion Activities	4	20	80
Exams	4	150	600
Attendance (Zoom sessions)	10	10	100
Total			1000

Grading Scale: Your final grade is calculated by dividing your earned points by the total points, changing to a percent,
and rounding to the nearest whole number:
A = 100-90% (895 to 1000 points)
B = 89-80% (795 to 894 points)
C = 79-70% (695 to 794 points)
D = 69-60% (595 to 694 points)
F = 59% or below (0 to 594 points)

Qualitative Definition of Letter Grade for Midterm and Final:
A – You went beyond expectations in completing the coursework and challenged yourself along the way. Your work shows a conceptual understanding as well as a practical application of what we covered in class. Throughout the term, you participated regularly and constructively in discussions and group work.

B – It's clear that you successfully tackled the conceptual challenge of the coursework and that you had a handle on practical application of skills with a few weaknesses – let's just call it a lack of follow through as opposed to not actually understanding. Throughout most of the term, you participated constructively in discussions and group work.
C – Either you didn't fully understand the concepts covered in the course or you didn't focus enough to demonstrate what you had learned. Your work showed an initial effort but did not develop beyond a functional understanding of the material. Your participation in discussions and group work was inconsistent and did not help move the class material forward.
D – There is little evidence that you understand the course content in any regard, due in part to a lack of work being completed. Work turned in shows very little effort aside from the challenge of the course material. You participated minimally and unproductively, if at all, in discussions and group work.
F – The simplest expectations aren't met, and you've made little or no attempt to apply what we've covered in class to any coursework, if it was turned in at all. There is a clear lack of any effort and interest in the course.

Important dates

Last day for withdrawal with tuition refund	Seven calendar days from start of class
Labor Day holiday	Monday, September 05
Last day for student initiated withdrawal	Saturday, November 19
Thanksgiving holiday	November 24 and 25
Final week start	**December 12**
End of Fall 2020 term	December 17

Course Policy

NSW – No-Show Withdrawal
Students registered in the class will be issued a no-show withdrawal (NSW) if they do not pursue academic activities within the online environment of the course on at least two separate days prior to the statistical (STAT) reporting day of the class (see No-Show Withdrawals (NSW) & Refunds for information about the NSW refund policy). Academic activities may include, but are not limited to, the completion of assignments, exams and quizzes or participation in online discussions. Academic activities do not include merely logging onto the course site (or learning management system – LMS, see Learning Management System), or acknowledging that you have read the syllabus.
Students who have been issued an NSW by the instructor may, at the request of the instructor, be reinstated (RNS) into the class. See RNS – Reinstate (in a Class) for more information.

ADW –Administrative Withdrawal
Students are required to attend class. A student may be awarded an administrative withdrawal (ADW) at midterm if the instructor determines that the student is not actively pursuing completion of the course, based upon the instructor's active pursuit criteria. Active pursuit may be measured by class participation, taking required examinations, quizzes, submission of papers, work assignments, class attendance, etc.

A student in an ONLINE class may be awarded an administrative withdrawal (ADW) between midterm and the last day for student-initiated withdrawal if the instructor determines that the student is not actively pursuing completion of the class, based upon the instructor's active pursuit criteria. Instructors are required to publish their measures of active pursuit and distribute them to students via their class syllabus during the first week of class. Note: a student who logs into the learning management system or another e-learning platform and engages in no other academic activities is NOT actively pursuing the class. That is, merely logging in to an online course does not constitute active pursuit.

Students who have been issued an ADW by the instructor may, at the request of the instructor, be reinstated (RNS) into the class.

[Reinstatement](#) Note:
- Students may not be reinstated after the last date (available on my.ccc.edu) for student-initiated withdrawals (WTH).
- A student who is reinstated (RNS) by the instructor after having received an administrative withdrawal (ADW) may not elect to withdraw (WTH) from the class at a later time.

Active Pursuit Policy:
Definition beginning in the Fall 2020 semester
> "Students are meeting the criteria for active pursuit at the Midterm Date if they have completed at least 50% of assigned coursework and assessments, or if they have attended at least 50% of class meetings/required Zoom sessions, or if they have accessed course materials in BrightSpace within the 3 weeks prior to the Midterm Date.
> After the Midterm date, students are expected to continue attending required class/zoom sessions and submitting required assignments. The last day that a student attends a class, submits an assignment, logs in to BrightSpace, or engages in email interaction with the instructor will be considered the last date of Active Pursuit."

Late Assignments and Exams
You are expected to post and/or complete each assignment by its due date and time. Permission to make up an assignment is subject to instructor's discretion.
Except in the case of documented personal or medical hardship, subject to instructor review or discretion, there is no make-up for exams and quizzes.
Please note, this is not a self-paced course. The course is developed based on the idea that all students will do the work by the time indicated so they can progress to the next task.

Course Discussion Board Policies
Students who are disrespectful or offensive to the instructor or any member of the class will first be addressed by the instructor. If there are no improvements, students will be referred promptly for disciplinary action. Please consult your [student policy manual on page 66](#) for additional details.

Academic Dishonesty:

Academic dishonesty is a serious offense, which includes but is not limited to the following: cheating, complicity, fabrication and falsification, forgery, and plagiarism. Cheating involves copying another student's paper, exam, quiz, or use of technology devices to exchange information during class time and/or testing. It also involves the unauthorized use of notes, calculators, and other devices or study aids. In addition, it includes the unauthorized collaboration on academic work of any sort. Complicity, on the other hand, involves the attempt to assist another student to commit an act of academic dishonesty. Fabrication and falsification, respectively, involve the invention or alteration of any information (data, results, sources, identity, etc.) in academic work. Another example of academic dishonesty is forgery, which involves the duplication of a signature in order to represent it as authentic. Lastly, plagiarism involves the failure to acknowledge sources (of ideas, facts, charges, illustrations, etc.) properly in academic work, thus falsely representing another's ideas as one's own. In individual cases of academic dishonesty, sanctions may range from a written warning to a failing grade for the course; the severity of the penalty is left to the discretion of the instructor. Please consult your student policy manual on page 65 or refer to the link below for additional details.

HWC Student Resources

Academic Advising:
Website: http://www.ccc.edu/colleges/washington/departments/Pages/Advising.aspx
Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/j/864397065
    Advisors are able to assist students with registration, degree and transfer planning, and more. College Advisors are available for d[...]
    support or by appointment.

Career Services:
Website: http://www.ccc.edu/colleges/washington/departments/Pages/Career-Services.aspx
Make an appointment with a Career Advisor: email rgarcia617@ccc.edu or jdobson4@ccc.edu
    The Career Services team provides comprehensive services to help students make informed decisions about career pathways. The[...]
    Career Services department offers one-on-one support, workforce readiness training, employment participation, and job developm[...]
    assistance.

Chicago Legal Clinic:
Website: http://www.ccc.edu/colleges/washington/departments/Pages/Chicago-Legal-Clinic.aspx
    The Chicago Legal Clinic works directly with students to identify their legal needs and provide community-based quality services. T[...]
    initiate a legal inquiry during the summer semester, email attorney Brian Nix at bnix@ccc.edu or call at (312) 553-3172.

Disability Access Center (DAC):

Website: http://www.ccc.edu/colleges/washington/departments/Pages/Disability-Access-Center.aspx

Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/j/3357381796

      The Disability Access Center serves as City Colleges of Chicago's point of contact and coordination for students with disabilities. The DAC provides a wide range of services and assistance to ensure students with disabilities are able to achieve their maximum potential.

Financial Resources:

Website: http://www.ccc.edu/colleges/washington/departments/Pages/Financial-Aid.aspx

Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/my/hwcfinaid

      In arranging for the cost of tuition, or to address financial challenges in trying to pay for college, please visit the Financial Aid Offic[e] learn more about Financial Aid Guidelines, grants, loans and scholarships.

Library:

Website: http://www.ccc.edu/colleges/washington/departments/Pages/Library-System.aspx

Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/my/hwclibrary

Chat with a librarian: http://hwclibrary.ccc.edu

      The Harold Washington College Library offers electronic, database, and print media to support the scholarly work of students, fac[ulty] and staff as well as individual and group library and information literacy instruction.

Military Affiliated Student/ Veterans Services:

Website: http://www.ccc.edu/colleges/washington/departments/Pages/Veterans-Services.aspx

Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/my/hwcveteran

      The Military Affiliated Student/Veterans Services Center is a centralized source of support and access to military affiliated/ veterans-specific information and resources.

Navigate:

Website: https://ccc.edu/Navigate

      Navigate is a student support system that will be used by faculty, advisors and tutors to help students achieve success in their clas[ses] Students can use Navigate to schedule tutoring or advising appointments, or to see communications about their course progress generated by their professors.

Registrar:

Website: https://www.ccc.edu/colleges/washington/departments/Pages/Registrar.aspx

Virtual Drop-in services via Zoom: https://cccedu.zoom.us/j/3364257991#success

      The Office of the Registrar administers the enrollment of students, maintains student records, and works with faculty,

administration and staff on academic matters.

Techology Support:
Website: https://www.ccc.edu/colleges/washington/departments/Pages/Information-Technology.aspx
> The Information Technology Department assists with many technology-related needs including password reset, loaner laptops, an
> more. For a loaner laptop, visit https://apps.ccc.edu/loanerlaptop. For all other questions, use the Online Help Request Form at:
> www.ccc.edu/help.

Transfer Center:
Website: https://www.ccc.edu/colleges/washington/departments/Pages/Transfer-Resources.aspx
> The Transfer Center is designed to help students transfer from their original dream school (Harold Washington College) to
> wherever it is they want to go next. We provide resources, transfer workshops to support every step of the transfer process,
> one-on-one transfer advising, and many large-scale events that can help them get to their dream school.

The Healthy Food Market:
Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/j/3474348772
> The Healthy Food Market, a free service available to all HWC students, will be open on Mondays and Thursdays. Please visit the vi
> Wellness Center to receive help locating food resources outside of HWC.

Tutoring and Academic Support Services:
Website: http://www.ccc.edu/colleges/washington/departments/Pages/Tutoring.aspx
Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/my/hwcvirtualtutoring
> Tutors are available in a wide variety of subjects to assist students through individual and group tutoring sessions. Any student sh
> utilize tutoring services to gain a deeper comprehension of course content and to enhance learning development.

Wellness Center:
Website: http://www.ccc.edu/colleges/washington/departments/Pages/Wellness-Center.aspx
Virtual Drop-in Services via Zoom: https://cccedu.zoom.us/j/3474348772
> The Harold Washington College Wellness Center provides mental health and other social services to support your personal well-be
> and academic success.

Federal and State Statutes and Mandates:

Americans with Disabilities Act (ADA)

Harold Washington College abides by the Americans with Disability Act and with Section 504 of the Rehabilitation Act of 1973 and will provide reasonable accommodations to students with documented disabilities covered by these laws. If you have a disability for which you may require accommodations, please contact the Disability Access Center located in room 107 or call (312) 553-3050.
http://www.ada.gov/pubs/adastatute08.htm

Federal Family Educational Rights and Privacy Act (FERPA)
Our college also abides by federal privacy laws on behalf of students and employees.
http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html

Section 504, Rehabilitation Act of 1973
https://www.dol.gov/agencies/oasam/civil-rights-center/statutes/section-504-rehabilitation-act-of-1973

Title IX Rights
Title IX represents the federal law designed to prevent sexual assault and harassment of students on college campuses and promote gender equity in education. Additionally, Title IX covers the rights of pregnant and parenting students, faculty and staff.

Course Schedule

This is a week-by-week tentative course schedule (used for a 16-week term) with the textbook sections and student learning outcomes expected to be covered each week.

Week Date	Readings	Discussion Assignments (All Due SUNDAY) and Exams	Homework Assignments and Quizzes (All Due SUNDAY)
Orientation week			
Week 1	1) Read the syllabus (BrightSpace/ Syllabus) 2) Take the Orientation Quiz (BrightSpace/ Assignments/ Orientation Module)	• **Class Introduction Discussion Assignment**	• **Orientation Quiz (5pts)**

	3) Participate in Class Introduction (BrightSpace/Discussion) 4) Register on MyMathLab (BrightSpace/ Assignments/ Orientation Module/ MyMathLab Registration) 5) Complete Orientation module on MyMathLab: Intro to MML Optional: Read Chapter 1: Problem Solving and Critical Thinking Sections 1.1 – 1.3 (Text or eBook/ MyMathLab)	**(10pts)**	• **Intro to MML (5pts) (BrightSpace/MyMathLab)** Optional: Take Chapter 1 Diagnostic Test (MML/Module 1)

	Module 1 ***Mathematical Modeling (Chapter 1 and Chapter 6)***	

Week 2	Read Chapter 1: Problem Solving and Critical Thinking Sections 1.1 – 1.3 1.1 Inductive and Deductive Reasoning 1.2 Estimations, Graphs, and Mathematical Models 1.3 Problem Solving	Start working on Module 1 Discussion Assignment	Work Homework Chapter 1 (Sec 1.1 – 1.3)
Week 3	Read Chapter 6: Algebra: Equations and Inequalities Sections 6.1 – 6.2 6.1 Algebraic Expressions and Formulas 6.2 Linear Equations in One Variable and Proportions	Module 1 Discussion Assignment: Initial Post	Work Homework Chapter 6 (Sec 6.1 – 6.2)
Week 4	Read Chapter 6: Algebra: Equations and Inequalities Sections 6.3 – 6.4 6.3 Applications of Linear Equations 6.4 Linear Inequalities in One Variable Chapter 1: Problem Solving and Critical Thinking (Sections 1.1 – 1.3), and Chapter 6: Algebra:	• **Module 1 Discussion Assignment (20pts) – Due.**	Work Homework Chapter 6 (Sec 6.3 – 6.4) • **All Chapter 1&6 Homework (25pts) - Due**

	Equations and Inequalities (Sections 6.1 – 6.4)		• **Chapter 1&6 Quiz (25pts) - Due**
	Module 1 Exam Mathematical Modeling: Chapter 1 and Chapter 6 Chapter 1 Sections 1.1 – 1.3 and Chapter 6 Sections 6.1 – 6.4	• **Module 1 Exam (150pts) (on BrightSpace/ Exams)**	
Module 2 *Personal Finance (Chapter 8)*			
Week 5	Read Chapter 8: Personal Finance Sections 8.1 – 8.2 8.1 Percent, Sales Tax and Discounts 8.2 Income Tax	Start working on Module 2 Discussion Assignment	Work Homework Chapter 8 (Sec 8.1 – 8.2)
Week 6	Read Chapter 8: Personal Finance Sections 8.3 – 8.5 8.3 Simple Interest 8.4 Compound Interest 8.5 Annuities, Methods of Saving, and Investments	Module 2 Discussion Assignment: Initial Post	Work Homework Chapter 8 (Sec 8.3 – 8.5)
Week 7	Read Chapter 8: Personal Finance Sections 8.6 – 8.8 8.6 Cars 8.7 The Cost of Home Ownership 8.8 Credit Cards Chapter 8: Personal Finance Sections 8.1 – 8.8	• **Module 2 Discussion Assignment (20pts) - Due**	Work Homework Chapter 8 (Sec 8.6 – 8.8) • **All Chapter 8 Homework (25pts) - Due** • **Chapter 8 Quiz (25pts) - Due**

	Module 2 Exam Personal Finance: Chapter 8 Chapter 8 Sections 8.1 – 8.8	• **Module 2 Exam (150pts)** **(on BrightSpace/ Exams)**	
	Module 3 *Counting Methods and Probability Theory (Chapter 11)*		
Week 8	Read Chapter 11: Counting Methods and Probability Theory Sections 11.1 – 11.3 11.1 The Fundamental Counting Principle 11.2 Permutations 11.3 Combinations	Module 3 Discussion Assignment	Work Homework Chapter 11 (Sec 11.1 – 11.3)
Week 9	Read Chapter 11: Counting Methods and Probability Theory Sections 11.4 – 11.5 11.4 The Fundamental Counting Principle 11.5 Probability with the Fundamental Counting Principle, Permutations, and Combinations		Work Homework Chapter 11 (Sec 11.4 – 11.5)
Week 10	Read Chapter 11: Counting Methods and Probability Theory Sections 11.6 – 11.7 11.6 Events Involving *Not* and *Or*; Odds 11.7 Events Involving *And*; Conditional Probability	Module 3 Discussion Assignment: Initial Post	Work Homework Chapter 11 (Sec 11.6 – 11.7)
Week 11	Read Chapter 11: Counting Methods and Probability Theory Sections 11.1 – 11.7		• **All Chapter 11 Homework (25p) - Due** • **Chapter 11 Quiz (25p) - Due**

	Module 3 Exam Counting Methods and Probability Theory (Chapter 11) Chapter 11 Sections 11.1 – 11.7	• **Module 3 Exam (150p) (on BrightSpace/ Exams)**	
Week 12	Complete Module 3 Readings	• **Module 3 Discussion Assignment (20p) - Due**	
Module 4 ***Statistics (Chapter 12)***			
Week 13	Read Chapter 12: Statistics Sections 12.1 – 12.3 12.1 Sampling, Frequency Distributions, and Graphs 12.2 Measures of Central Tendency 12.3 Measures of Dispersion	Start working on Module 4 Discussion Assignment	Work Homework Chapter 12 (Sec 12.1 – 12.3)
Week 14	Read Chapter 12: Statistics Sections 12.4 – 12.6 12.4 The Normal Distribution 12.5 Problem Solving with the Normal Distribution 12.6 Scatter Plots, Correlation, and Regression Lines		Work Homework Chapter 12 (Sec 12.4 – 12.6)
Week 15	Read Chapter 12: Statistics Sections 12.1 – 12.6	Module 4 Discussion Assignment: Initial Post	• **All Chapter 12 Homework (25p) - Due** • **Chapter 12 Quiz (25p) - Due**
Week 16	Complete Module 4 Readings **Module 4 Exam** Statistics: Chapter 12	• **Module 4 Discussion Assignment (20p) - Due**	

	Chapter 12 Sections 12.1 – 12.6	• **Module 4 Exam (150p) (on BrightSpace/ Exams)**	