MATH 1180.711: College Math for Business, Economics, and Related Fields Syllabus

Instructor Contact

Name: Marc Grether
Pronouns: He/Him
Office Location: GAB 416
Tutoring/Office Hours: Zoom office hours are by appointment only, but I have a lot of availability even in evenings to meet just with you. Email me to schedule times.
Email: grether@unt.edu (Note – my email does not have a "my" in it).
Communication Expectations: Please email me to get in touch outside of class. I typically respond in one (1) business day, during business hours. A message received after business hours is considered received the next business day. The best way to reach me is via email. I will work hard to respond as quickly as possible to emails, but it may occasionally take me up to a business day to respond. Though I might reply to an email late at night or on the weekend, you should not expect quick responses outside of the hours of 8 AM – 5 PM.

Course Description

Topics from algebra (linear equations, quadratic equations, functions and graphs, inequalities), mathematics of finance (simple and compound interest, annuities), linear programming, matrices, systems of linear equations, applications to management, economics and business.

Course Structure

This course is takes place 100% online in Canvas. Information on how to be successful in a remote learning environment can be found at UNT Online (https://online.unt.edu/learn). This course is a 16-week course structured with 16 Weekly modules. Each module has multiple lessons with assignments and assessments due that week.

Enrollment in this course requires concurrent enrollment in UGMT 1300.

Course Prerequisites or Other Restrictions

Prerequisite(s): Two years of high school algebra and one year of geometry, and consent of department. Students who feel they acquired solid algebra skills in high school are strongly encouraged to take the mathematics placement exam to see if they may begin in MATH 1190 instead. A grade C or better in MATH 1180 is required when MATH 1180 is a prerequisite for other mathematics courses.

Course Learning Objectives

- Students will demonstrate an ability to recognize and solve problems involving financial mathematics, including simple interest, compound interest and present and future value of annuities
- Students will demonstrate an ability to understand graphing of equations, operations with lines, solve and interpret solutions of systems of linear equations and linear inequalities, and interpret solutions of standard maximization problems.
- Students will demonstrate skill at using tools from algebra. Students will demonstrate an ability to manipulate, solve, graph, and work with several types of functions.
- Students will demonstrate skill at using tools from probability, including counting, using conditional probability and finding expected values.
- Students will demonstrate skill at using exponential rules, factoring, function composition, interpreting results from rational functions and making and interpreting sign charts

In this course, you will be evaluated for meeting the following 3 Core Curriculum requirements - Empirical and Quantitative Skills, Critical Thinking, and Communication. These skills are embedded throughout the course and the assessment of them will occur using distinct criteria from your grades.

Required Course Materials

Knewton Alta

Knewton is the required online adaptive mastery-based learning software. Most of your homework assignments are Knewton. You will also have some homework assignments directly in Canvas.

You will have to purchase access to Knewton. However, you can continue with your previously purchased Knewton access if you purchased the 2-year access for Math 1180 or Math 1190 in the last two years.

Knewton offers a 2-week trial access to ensure that all students have access to course materials the first day of class. You may purchase Knewton access at UNT Barnes and Noble, directly within Knewton, or other sellers. Read the Homework section in Canvas for more information about your homework. You will not need a Knerd link because Knewton assignments are accessed directly in Canvas.

Calculator

Many calculators are sufficient for the exams in this class. Acceptable options include the: TI-30XIIS, TI-36, TI-83 or TI-84 (or similar Casio, other manufacturer's calculators).

Utilities with alphanumeric/CAS capabilities or have the ability to connect to the internet are NOT acceptable. Examples include the: TI-Nspire, TI 89, TI 92, and smartphones and smart watches.

Textbook

No textbook is required.

Technical Requirements & Skills

Minimum Technology Requirements and Require Skills

- A computer with speakers and webcam
- Reliable internet to access Canvas and view online lecture videos
- A calculator (see Calculator Policy)
- Ability to download, install, and run software
- Microphone for Zoom office hours and online exam reviews
- Printer, not necessary but could be helpful
- Proficiency in using LockDown Browser and Respondus Monitor with a webcam

Technical Skills & Digital Literacy

- Navigate Canvas & Knewton
- Complete assignments in Canvas and Knewton (See Getting Started with Knewton)
- Communicate with email
- Download and install necessary software
- Create a single multi-page PDF and upload to Canvas

Additional details are in Canvas on the Online Course Technical Requirements & Skills page.

Course Evaluation

Evaluation components include homework, engagement tasks, midterm exams, and the final exam.

Engagement	10%
UGMT 1300 grade	10%
Homework	20%
Average of Midterm Exams	40%
Final Exam	20%

Grade Assignment

A: [90%,); B: [80%, 90%); C: [70%, 80%); D: [60%, 70%); F: [0%, 60%).

A grade of C or better is required for this course to serve as prerequisite for any math course.

Course Grade Policies

Homework

The online homework is worth 20% of your overall course grade. Each assignment is equally weighted. Most homework assignments are Knewton; some will be directly in Canvas. Note: Assignments directly written in Canvas are always called “quizzes” by Canvas, but there is no quiz portion of this class. The Weekly wrapups are included in the Homework portion of the grade. Homework assignments, but not Engagement or Exams, directly in Canvas will be given two attempts with the higher score counting for you.

What is Knewton?

Knewton is a mastery-based adaptive software designed to determine your ability to complete course assignments. You will proceed through Knewton more quickly if you study and review your notes before starting the assignments. For best results, read through “Getting Started with Knewton" located in Canvas before your first assignment.

Why Do Homework?

A purpose of homework is to provide you with sufficient opportunities to practice, learn, and retain new information and skills. To that end, you will have Knewton and other homework assignments each week. Knewton is adaptive and mastery based. Mastery-based means that the software will provide each student with the sufficient number of questions to determine whether you have mastered the learning objectives. The student who has prepared well before the assignment may have very short assignments, while a less prepared student may have more questions on each assignment.

Again, the more you prepare before starting to attempt the exercises, the less work you will have. For more tips on how to get the most out of the homework assignments, carefully read the “Getting Started with Knewton” information.

Get the Most Out of Homework

- Have a dedicated notebook for your math homework. Carefully write out your work, especially noting the questions with which you struggled. Your notebook should form a substantial part of your review material for the exams.
- Homework is one piece of your learning process in this course, but successful completion of the homework assignments is not sufficient preparation for exams. You must be able to work the exercises on your own, without any aids on exams.

Where is Knewton?

To access Knewton, select a Knewton assignment in Canvas.

When are Knewton Homework Assignments Due?

Assignment due dates are listed on the calendar and in Canvas. Knewton assignments are always due at 11:59 PM Central Time. To successfully complete the assignments, you must carefully manage your time. I recommend that you plan to complete them well ahead of the due date.

Late homework is ~~not~~ rarely accepted. If you run into an issue, please let me know with as much lead time as possible. Having said that – it is normal for 'life' to happen. Try to avoid problems by getting ahead. At the end of the term, two (2) lowest grades will be dropped from the calculation of the homework average. In Canvas, the two dropped grades will not be correctly calculated until the very end of the semester.

Midterm Exams

Exam Structure

The exams will vary in length. The exams will consist of different question types including multiple-choice, numeric and/or symbolic inputs, as well as detailed "work-out" responses.

You are permitted pen or pencil, blank sheets of paper, and an approved calculator during the exam. I will provide you with a list of formulas and/or rules, if any, that will be included on your exams.

Exam Content and Dates

There will one exam covering each of the four modules in the course. Each exam is worth 40/4=10% of your overall grade. The exams will consist of 15 - 25 multiple-choice questions and 3-5 workout problems. Module exams are specific to the content of that Unit. They are administered online with LockDown Browser and Respondus Monitor with a webcam.

Each midterm exam will have a 120 minute time limit. Each exam becomes available at 12:01 AM (a minute after midnight Central time) a week before the due date and is available until 11:59 PM (a minute before midnight Central time) on the day of the exam. Be sure to plan your time so that the exam will be completed before the time it is due. That is, if you start the exam at 11:45PM, then you will only have 14 minutes to complete the exam.

Unit/Module 1 Exam (Financial Math) See calendar for due date

Unit/Module 2 Exam (Linear Programming) See calendar for due date

Unit/Module 3 Exam (Algebra) See calendar for due date

Unit/Module 4 Exam (Prob.,Expected Value, Add. Alg.) See calendar for due date

On certain problems, I typically provide a formula sheet in face-to-face classes. On all of the possibly relevant problems, I will include the formula sheet as an image as a part of the question. You will not be allowed to include a formula sheet when taking your exams. All you can use are writing implements (e.g. pencil), blank sheets of scratch paper and an approved calculator.

Final Exam

The final exam is on **Monday**, **December 8th**, comprehensive, required, and is worth at least 20% of the course grade. The format of the final exam will be the same as the format of the midterm exams, except longer.

Engagement

Engagement tasks consist of a variety of assignments including introduction/ orientation assignments and discussion posts. The discussion assignments are designed to keep you connected with your classmates. This graded portion of your course is worth 10% of the grade overall.

UGMT 1300

The UGMT portion of the class will account for 10% of the Math 1180 grade. See the UGMT 1300 syllabus for more details about the class.

Attendance

Attendance is important and required. In this class, attendance means working through the lecture notes with the aid of the instructional videos and completing assignments and taking exams, as scheduled. It is assumed you will do this.

Late Work

Due dates are expected to be followed and are intended to allow you time to complete the course on time. As such, I will rarely accept late work. If exceptional circumstances occur, please reach out to me as soon as possible.

Exam Policy

I structure my course to balance the time necessary for students to learn the necessary content, with the need to have regular midterm exams. As such, students are expected to take the exams on the given day or early. In the event of a schedule conflict with a university function, dental/physician's appointment, wedding, formal, etc., the student should make every effort to take the test early. In the event that an unavoidable conflict/illness comes up, reach out to me as soon as you can. If a student does not take a scheduled exam, a zero may be recorded for that exam. If your final exam score is higher than one of your midterm exam scores, then the lowest midterm exam grade(s) will be replaced with final exam grade. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

Recommended Steps to Succeed

I hope this advice will be helpful for you. It consists of my observations in the time I have been teaching. I have observed two character traits common to successful students. The traits are maturity and time commitment. Learning requires working when you don't want to – that requires maturity. Learning also requires consistent and diligent dedication of time.

Some additional specific steps:

- Learning math requires a great deal of time and honest effort along with regular and consistent work.
- After class review your notes. If you have questions, ask immediately.
- Actively read through all recommended readings.

- Use the time you spend on your Knewton assignments to learn the material rather than just getting through the homework as fast as possible.
- Complete the Exam Reviews prior to each exam.
- Form a study group with your classmates. Create online groups.
- Make use of the tutoring options available to you: the Math Lab, the Learning Center, and your instructor's tutoring hours.
- The Learning Center offers several tutoring options: Drop-In Tutoring, One-on-One Tutoring, Group Tutoring and Online Tutoring.
- Work on the assignments consistently well ahead of due date. Waiting until the last minute is a horrible idea.
- Math is not a spectator sport. You must try the problems, finish problems, ask questions, correct your mistakes, put concepts in your own words, and practice, practice, practice. You learn math by doing, not by watching others do math.
- Contact your instructor immediately if you are having problems.

One last thought: As an adult, you need to **self-advocate**. If you are having problems, you are expected to seek help. Most of you, at some point in your college career you will run into problems and need to ask for help – don't wait, reach out as soon as you realize you have an issue.

Course Time Requirement

The average college student in a 16-week course is expected to spend three hours per week for each one hour of class working on the course to be able to successfully learn the content. If you are an "average" college-level learner, you should spend about nine hours per week to successfully complete this. As this is an average, many students require more than this. If you are struggling and not yet putting in the appropriate amount of time, doing this should be your first step.

Course Policies

Instructor Responsibilities and Feedback

My goal in this course is to provide an environment conducive to your learning. I work hard to be available outside of my tutoring/office hours, via email or via Zoom. I welcome questions about any portion of the course and am happy to clarify any issues as they arise. Most homework assignments are automatically graded and you can review your work on the Canvas assignments the day after they are due. I make it a priority to grade exams quickly, but my past experience suggests that this can take me up to two weeks to get back.

Timeline for Grading

For each written assignment (e.g. discussion posts, workout portion of the exams, etc.), I will endeavor to grade and post grades within one business day. When circumstances prevent me from meeting this goal, I will always get grades back to you within 1 week.

Drop/Withdraw Policy

If the student is unable to complete this course, it is his/her responsibility to formally withdraw from the course. You can find more details about dropping the course at this link.

If the student does not properly withdraw from the course but stops attending, the student will receive a performance grade, usually an F.

If you are considering dropping, it is strongly recommended that you discuss the matter with me as soon as possible.

Incomplete

Beginning November 8th, a student that qualifies may request a grade of "I", incomplete. An "I" is a non-punitive grade given only if ALL three of the following criteria are satisfied. They are:

- The student is passing the course;
- The student has a justifiable (and verifiable) reason why the work cannot be completed as scheduled; and
- The student arranges with the instructor to complete the work within one academic year.

Online Etiquette

Your communication with me and your classmates is expected to be in line with UNT's General Online Communication Guidelines.

In general, don't say things you would be uncomfortable saying to someone in person and strive to communicate clearly. Online interaction makes some common discussions harder because of the need to be very explicit in your meaning due to the lack of other common social cues. Work to assume good intent on behalf of others and work to be clear in your communication and most other issues will take care of themselves.

Other ways to get help for this course:

What tutoring/office hours are for: Office hours provide a dedicated time for students to get one-on-one, or small group, time with an instructor. Come get help!! Come by my in-person times (on the first page) or email me to set up a time on Zoom.

Math Lab (SAGE 130)

The learning center offers several tutoring options: Drop-In Tutoring, One-on-One Tutoring, Group Tutoring and Online Tutoring.

Syllabus Change Policy

This syllabus is subject to change. Any changes will be announced and the updated syllabus will be posted in Canvas.

Welcome to UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full Non-Discrimination Policy can be found in the UNT Policies section of the syllabus.

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law will not be tolerated.
- Treat your instructor and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Ask for and use the correct name and pronouns for your instructor and classmates.
- Speak from personal experiences. Use "I" statements to share thoughts and feelings. Try not to speak on behalf of groups or other individual's experiences.
- Use your critical thinking skills to challenge other people's ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as "YELLING!"
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using "text-talk" unless explicitly permitted by your instructor.
- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you type.

See these Engagement Guidelines for more information.

Technical Assistance for Online Course System

The University is committed to providing reliable online course system to all users. However, part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk you can contact for help with technology issues.

UIT Help Desk: UIT Student Help Desk site

Knewton Student Technical Support

- Knewton offers student technical support: Knewton Support

- Email: support@knewton.com

UNT Policies

Academic Integrity Policy

Cheating on tests, quizzes or final exams is a serious breach of academic standards and will be punished severely and generally result in a student failing the course. All work done on exams and quizzes must represent only the student's own work, unless otherwise stated in the directions. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. See Academic Integrity for details on academic integrity at UNT.

ADA Policy

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information, refer to the Office of Disability Access website at https://studentaffairs.unt.edu/office-disability-access. You may also contact ODA by phone at (940) 565-4323.

Supporting Your Success and Creating an Inclusive Learning Environment

Every student in this class should have the right to learn and engage within an environment of respect and courtesy from others. We will discuss our classroom's habits of engagement and I also encourage you to review UNT's student code of conduct so that we can all start with the same baseline civility understanding (Code of Student Conduct).

Emergency Notification and Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency. In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available toward the end of the semester to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website (http://spot.unt.edu/) or email spot@unt.edu.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

Federal regulations state that students may apply only 3 fully-online semester credit hours (SCH) to the hours required for full-time status for F-1 Visa (PDF) holders. Full-time status for F-1 Visa students is 12 hours for undergraduates and 9 hours for graduate students.

Academic Support & Student Services

See Canvas for Academic Support and Student Services.

Tentative Weekly Calendar

Week 1

Monday 8/18/2025 1180 Material to Cover: Introduction to class: Completely review Start Here Module and Syllabus review

Tuesday 8/19/2025

Wednesday 8/20/2025 UGMT Due: Expressions and Terms Quiz 1180 Material to Cover: Introduction to class: Completely review Start Here Module and Syllabus review Due in Canvas: Class introduction quiz LockDown Browser and Respondus Monitor Quiz

Thursday 8/21/2025 Due in Canvas: Introduce yourself Discussion Initial post

Friday 8/22/2025 UGMT Due: Fractions Quiz, Properties of Numbers Quiz Due in Canvas: Introduce yourself Discussion Final posts

Week 2

Monday 8/25/2025 1180 Material to Cover: 1.1: Solving linear equations

Tuesday 8/26/2025

Wednesday 8/27/2025 1180 Material to Cover: 1.2: Simple interest Knewton Due: Sec 1.1 Pt 1 Due in Canvas: Sec 1.1 Pt 2

Thursday 8/28/2025

Friday 8/29/2025 UGMT Due: Interval Notation Quiz, Percents of Quiz 1180 Material to Cover: 1.3: Exponential basics and Logarithmic basics, 1.4: Compound interest Knewton Due: Sec 1.2

Week 3

Monday 9/1/2025 Due in Canvas: Labor Day

Tuesday 9/2/2025

Wednesday 9/3/2025 1180 Material to Cover: 1.4 cont., 1.5: Future Value of an Annuity Knewton Due: Sec 1.3, Sec 1.4

Thursday 9/4/2025

Friday 9/5/2025 UGMT Due: Growth Mindset Reflection 1180 Material to Cover: 1.6: Present Value of an Annuity Knewton Due: Sec 1.5

Week 4

Monday 9/8/2025 1180 Material to Cover: Review Knewton Due: Sec 1.6 Due in Canvas: Unit 1 Wrapup, Unit 1 Discussion Final post

Tuesday 9/9/2025

Wednesday 9/10/2025 Due in Canvas: Exam 1

Thursday 9/11/2025

Friday 9/12/2025 1180 Material to Cover: 2.1: Graphing, generally

Week 5

Monday 9/15/2025 1180 Material to Cover: 2.2: All about lines Knewton Due: Sec 2.1

Tuesday 9/16/2025

Wednesday 9/17/2025 1180 Material to Cover: 2.3: Finding points of intersection for two lines Knewton Due: Sec 2.2 Part 1 Due in Canvas: Sec 2.2 Part 2

Thursday 9/18/2025

Friday 9/19/2025 UGMT Due: Success in Math Quiz 1180 Material to Cover: 2.4: Systems of linear equations and matrices Knewton Due: Sec 2.3

Week 6

Monday 9/22/2025 1180 Material to Cover: 2.5: Applied systems of linear equations Knewton Due: Sec 2.4

Tuesday 9/23/2025

Wednesday 9/24/2025 1180 Material to Cover: 2.6: Linear Inequalities and Systems of linear inequalities Knewton Due: Sec 2.5

Thursday 9/25/2025

Friday 9/26/2025 1180 Material to Cover: 2.7: Linear programming, graphically Knewton Due: Sec 2.6; Start Sec 2.7

Week 7

Monday 9/29/2025 1180 Material to Cover: 2.7: Linear programming, graphically cont.

Tuesday 9/30/2025

Wednesday 10/1/2025 1180 Material to Cover: 2.8: Simplex Method Knewton Due: Sec 2.7 Part 1 and Part 2

Thursday 10/2/2025 Due in Canvas: Unit 2 Discussion Initial post

Friday 10/3/2025 1180 Material to Cover: Review Knewton Due: Sec 2.8 Due in Canvas: Unit 2 Wrapup, Unit 2 Discussion Final post

Week 8

Monday 10/6/2025 Due in Canvas: Exam 2

Tuesday 10/7/2025

Wednesday 10/8/2025 1180 Material to Cover: 3.1: Functions

Thursday 10/9/2025

Friday 10/10/2025 UGMT Due: Factoring and Expanding Expressions Quiz 1180 Material to Cover: 3.2: More about Functions Knewton Due: Sec 3.1

Week 9

Monday 10/13/2025 1180 Material to Cover: 3.3:Transformations of functions Knewton Due: Sec 3.2 Part 1 Due in Canvas: Sec 3.2 Part 2

Tuesday 10/14/2025

Wednesday 10/15/2025 1180 Material to Cover: 3.4: Quadratic functions and Factoring Knewton Due: Sec 3.3

Thursday 10/16/2025

Friday 10/17/2025 1180 Material to Cover: 3.4: Quadratic functions and Factoring cont. Knewton Due: Sec 3.4 Part 1

Week 10

Monday 10/20/2025 1180 Material to Cover: 3.5: Polynomial Functions Knewton Due: Sec 3.4 Part 2, Sec 3.2 Part 3

Tuesday 10/21/2025

Wednesday 10/22/2025 1180 Material to Cover: 3.6: Rational functions Knewton Due: Sec 3.5

Thursday 10/23/2025

Friday 10/24/2025 UGMT Due: More on Exponential and Logarithms Quiz 1180 Material to Cover: 3.7: Exponential functions Knewton Due: Sec 3.6

Week 11

Monday 10/27/2025 1180 Material to Cover: 3.8: Logarithmic functions Knewton Due: Sec 3.7

Tuesday 10/28/2025 Due in Canvas: Unit 3 Discussion Initial post

Wednesday 10/29/2025 1180 Material to Cover: Review Knewton Due: Sec 3.8 Parts 1 and 2 Due in Canvas: Unit 3 Wrapup, Unit 3 Discussion Final post

Thursday 10/30/2025

Friday 10/31/2025 Due in Canvas: Exam 3

Week 12

Monday 11/3/2025 1180 Material to Cover: 4.1: Sets, 4.2: Counting Techniques

Tuesday 11/4/2025

Wednesday 11/5/2025 1180 Material to Cover: 4.3: Probability Knewton Due: Sec 4.1, Sec 4.2

Thursday 11/6/2025

Friday 11/7/2025 UGMT Due: Overall Course Reflection 1180 Material to Cover: 4.4: Expected Value Knewton Due: Sec 4.3 Part 1 and Part 2

Week 13

Monday 11/10/2025 1180 Material to Cover: 4.5: Conditional Probability and Independence Due in Canvas: Sec 4.4

Tuesday 11/11/2025

Wednesday 11/12/2025 1180 Material to Cover: 4.6: More Exponential rules Knewton Due: Sec 4.5

Thursday 11/13/2025

Friday 11/14/2025 1180 Material to Cover: 4.6: More Exponential rules cont. Knewton Due: Sec 4.6 Part 1

Week 14

Monday 11/17/2025 1180 Material to Cover: 4.7: Function composition and decomposition Due in Canvas: Sec 4.6 Part 2

Tuesday 11/18/2025

Wednesday 11/19/2025 1180 Material to Cover: Review Due in Canvas: Sec 4.7, Unit 4 Wrapup, Unit 4 Discussion Final post, Sec 4.8 Part 2, Sec 4.8 Part 3

Thursday 11/20/2025

Friday 11/21/2025 Due in Canvas: Exam 4

No Classes from November 24th-28th due to Winter Break/Thanksgiving.

Week 15

Monday 12/1/2025 1180 Material to Cover: 4.8: Other Algebra topics Knewton Due: Sec 4.8 Part 1 Due in Canvas: Sec 4.8 Part 2

Tuesday 12/2/2025

Wednesday 12/3/2025 1180 Material to Cover: Review

Thursday 12/4/2025

Friday 12/5/2025 Reading Day

Your Final Exam is on **December 8th**. It is required, comprehensive and worth at least 20% of your overall grade.