UGMT 1300.713

Instructor Information

Name: Marc Grether
Pronouns: He/Him
Office Location: GAB 416
Office Hours: 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: there is no "my" in this email address).
Communication Expectations: 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 8am -5pm.

Course Description

This course is designed to supplement the content in Math 1180 as well as to inform students how to be better students overall.

Course Structure

This course takes place 100% online. Information on how to be successful in a remote learning environment can be found at UNT Learn Anywhere. Except for office hours and appointments, your interactions with me and your fellow students will take place in Canvas.

The first week of this course will have more content than any other to make sure everyone in the class is well prepared for the math content in Math 1180. To allow time for that, there will be minimal work in the Math 1180 course the first week. For the remainder of the semester, the math content will be "just in time" – that is, content will be introduced right before it is needed in Math 1180. There will be some modules that contain Student Success Skills readings and assignments.

Course Prerequisites or Other Restrictions

Student did not meet the minimum score on the TSI and is considered TSI Incomplete.

Materials

All of the materials for this course is contained in Canvas as an assignment or reading or included as part of the notes for Math 1180.711.

Course Learning Objectives

Students in this course will become more familiar with Variables and Constants in Mathematics, Mathematical Notation and Like Terms, Equations and Expressions, and Exponential Expressions. Students will review operations with Fractions, Simplifying Expressions with the Order of Operations, Evaluating Expressions, Properties of numbers: Commutative and Associative, Identities and Inverses, Properties of numbers: Zero Properties, and the Distributive property of multiplication over addition. Students will review Interval Notation, Percents of, Factoring (especially of trinomials), and cover More on Exponential and Logarithms.

Course Technology & Skills

This course has digital components. To fully participate in this class, students will need internet access to reference content on the Canvas Learning Management System.

Minimum Technology Requirements and required skills

- A working computer with speakers and webcam that can reliably access the internet and access Canvas (minimum requirements) and view content videos
- A calculator (see Calculator Policy in Math 1180 syllabus)
- Ability to download, install and run software
- Proficiency in using Canvas
- Proficiency in using your calculator

Course Evaluation

Math Content Quizzes   50%

Student Success Skills Assignments   50%

Grade Assignment:

This course is a Pass (P)/ No Pass (NP) course with a minimum grade of 70% required to pass. To complete the Math Content Quizzes, you must receive a 100% on each assignment, though problems can be redone using the Build on Last Attempt feature in Canvas. Be sure to start the assignments early to allow yourself time to complete each assignment. Each Student Success Skills Assignment has an individual rubric that describes how it is graded. There are no exams in this course.

Attendance

Attendance is important and required. In this class, attendance means working through the readings on Canvas and completing the assignments. It is assumed you will do this.

Academic Integrity Standards and Consequences

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. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University. A finding of a violation of academic integrity standards can result in a 0 on an assignment or an NP in the class depending on the severity of the violation.

ADA Accommodation Statement

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of 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 accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.

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) (https://policy.unt.edu/policy/07-012).

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to the UNT Learning Management System (LMS) for contingency plans for covering course materials.

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.

The tentative calendar below includes all of the due dates for Math1180 and UGMT1300.

Tentative Weekly Calendar

Week 1
Monday 1/12/2026   1180 Material to Cover: Introduction to class: Completely review Start Here Module and Syllabus review

Tuesday 1/13/2026

Wednesday 1/14/2026 UGMT Due: Expressions and Terms Quiz Due in Canvas: Class introduction quiz LockDown Browser and Respondus Monitor Quiz

Thursday 1/15/2026   Due in Canvas: Introduce yourself Discussion Initial post

Friday 1/16/2026 UGMT Due: Fractions Quiz, Properties of Numbers Quiz   Due in Canvas: Introduce yourself Discussion Final posts

Week 2
Monday 1/19/2026 MLK Jr. Holiday

Tuesday 1/20/2026

Wednesday 1/21/2026 1180 Material to Cover: 1.1: Solving linear equations, 1.2: Simple interest Knewton Due: Sec 1.1 Pt 1 Due in Canvas: Sec 1.1 Pt 2

Thursday 1/22/2026

Friday 1/23/2026 UGMT Due: Interval Notation Quiz, Percents of Quiz 1180 Material to Cover: 1.3: Exponential basics and Logarithmic basics Knewton Due: Sec 1.2

Week 3

Monday 1/26/2026 1180 Material to Cover: 1.4: Compound interest Knewton Due: Sec 1.3

Tuesday 1/27/2026

Wednesday 1/28/2026 1180 Material to Cover: 1.5: Future Value of an Annuity Knewton Due: Sec 1.4

Thursday 1/29/2026

Friday 1/30/2026 UGMT Due: Growth Mindset Reflection (due 2/4) 1180 Material to Cover: 1.6: Present Value of an Annuity Knewton Due: Sec 1.5

Week 4

Monday 2/2/2026 1180 Material to Cover: Review Knewton Due: Sec 1.6 Due in Canvas: Unit 1 Wrapup, Unit 1 Discussion Final post

Tuesday 2/3/2026

Wednesday 2/4/2026   Due in Canvas: Exam 1

Thursday 2/5/2026

Friday 2/6/2026 1180 Material to Cover: 2.1: Graphing, generally

Week 5

Monday 2/9/2026 1180 Material to Cover: 2.2: All about lines Knewton Due: Sec 2.1

Tuesday 2/10/2026

Wednesday 2/11/2026 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 2/12/2026

Friday 2/13/2026 UGMT Due: Success in Math Quiz (due 2/18) 1180 Material to Cover: 2.4: Systems of linear equations and matrices Knewton Due: Sec 2.3

Week 6

Monday 2/16/2026 1180 Material to Cover: 2.5: Applied systems of linear equations Knewton Due: Sec 2.4

Tuesday 2/17/2026

Wednesday 2/18/2026 1180 Material to Cover: 2.6: Linear Inequalities and Systems of linear inequalities Knewton Due: Sec 2.5

Thursday 2/19/2026

Friday 2/20/2026 1180 Material to Cover: 2.7: Linear programming, graphically Knewton Due: Sec 2.6; Start Sec 2.7

Week 7

Monday 2/23/2026 1180 Material to Cover: 2.7: Linear programming, graphically cont.

Tuesday 2/24/2026

Wednesday 2/25/2026 1180 Material to Cover: 2.8: Simplex Method Knewton Due: Sec 2.7 Part 1 and Part 2

Thursday 2/26/2026   Due in Canvas: Unit 2 Discussion Initial post

Friday 2/27/2026 1180 Material to Cover: Review Knewton Due: Sec 2.8 Due in Canvas: Unit 2 Wrapup, Unit 2 Discussion Final post

Week 8
Monday 3/2/2026   Due in Canvas: Exam 2

Tuesday 3/3/2026

Wednesday 3/4/2026 1180 Material to Cover: 3.1: Functions

Thursday 3/5/2026

Friday 3/6/2026 UGMT Due: Factoring and Expanding Expressions Quiz 1180 Material to Cover: 3.2: More about Functions Knewton Due: Sec 3.1

Week 9
Monday 3/16/2026 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 3/17/2026

Wednesday 3/18/2026 1180 Material to Cover: 3.4: Quadratic functions and Factoring Knewton Due: Sec 3.3

Thursday 3/19/2026

Friday 3/20/2026 1180 Material to Cover: 3.4: Quadratic functions and Factoring cont. Knewton Due: Sec 3.4 Part 1

Week 10
Monday 3/23/2026 1180 Material to Cover: 3.5: Polynomial Functions Knewton Due: Sec 3.4 Part 2, Sec 3.2 Part 3

Tuesday 3/24/2026

Wednesday 3/25/2026 1180 Material to Cover: 3.6: Rational functions Knewton Due: Sec 3.5

Thursday 3/26/2026

Friday 3/27/2026 UGMT Due: More on Exponential and Logarithms Quiz 1180 Material to Cover: 3.7: Exponential functions Knewton Due: Sec 3.6

Week 11
Monday 3/30/2026 1180 Material to Cover: 3.8: Logarithmic functions Knewton Due: Sec 3.7

Tuesday 3/31/2026   Due in Canvas: Unit 3 Discussion Initial post

Wednesday 4/1/2026 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 4/2/2026

Friday 4/3/2026   Due in Canvas: Exam 3

Monday 4/6/2026 1180 Material to Cover: 4.1: Sets, 4.2: Counting Techniques

Tuesday 4/7/2026

Wednesday 4/8/2026 1180 Material to Cover: 4.3: Probability Knewton Due: Sec 4.1, Sec 4.2

Thursday 4/9/2026

Friday 4/10/2026 1180 Material to Cover: 4.4: Expected Value Knewton Due: Sec 4.3 Part 1 and Part 2

Week 13

Monday 4/13/2026 1180 Material to Cover: 4.5: Conditional Probability and Independence Due in Canvas: Sec 4.4

Tuesday 4/14/2026

Wednesday 4/15/2026 1180 Material to Cover: 4.6: More Exponential rules Knewton Due: Sec 4.5

Thursday 4/16/2026

Friday 4/17/2026 1180 Material to Cover: 4.6: More Exponential rules cont. Knewton Due: Sec 4.6 Part 1

Week 14

Monday 4/20/2026 1180 Material to Cover: 4.7: Function composition and decomposition Due in Canvas: Sec 4.6 Part 2

Tuesday 4/21/2026

Wednesday 4/22/2026 1180 Material to Cover: 4.8: Other Algebra topics Due in Canvas: Sec 4.7

Thursday 4/23/2026   Due in Canvas: Unit 4 Discussion Initial post

Friday 4/24/2026 1180 Material to Cover: Review Knewton Due: Sec 4.8 Part 1 Due in Canvas: Unit 4 Wrapup, Unit 4 Discussion Final post, Sec 4.8 Part 2, Sec 4.8 Part 3

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

Week 15

Monday 4/27/2026   Due in Canvas: Exam 4

Tuesday 4/28/2026

Wednesday 4/29/2026 1180 Material to Cover: Review

Thursday 4/30/2026

Friday 5/1/2026   Reading Day

Your Final Exam is on Monday 5/4. It is required, comprehensive and worth at least 20% of your overall grade.