

MATHEMATICS 1030 – Section 4  
Introduction to Quantitative Reasoning (3 credits)

**Class hours:** 03:40PM-05:00PM Tue-Thu – Zoom lectures

Everyone will connect through Zoom to follow all lectures (during the assigned class time). The same Zoom class meeting link will be used throughout the semester and is available through Canvas. You will use the “Zoom” tab to connect to lectures.

**Instructor:** Thuong Nguyen; office JWB 332  
e-mail address : [tnguyen@math.utah.edu](mailto:tnguyen@math.utah.edu) or you can send me an email via Canvas

I will be checking and answering my emails (sent to the email address written above) several times per day, Mon-Fri. I will not be checking or answering my emails on Saturdays and Sundays. I will respond to your email within 24 hours. If I do not reply within 24 hours, please feel free reach out to me again in case I missed it.

**Office hours (every week):**

Monday: 8:30 am – 9:30 am

Wednesday: 8:30 am – 9:30 am

These office hours will be held on Zoom (Canvas tool). Links to our every lecture/class/office hours are already available on your Canvas (Zoom tab). You may need a passcode (it will remain the same throughout the semester), and I will provide that code through Canvas (Announcements), if needed.

You can connect by any device with an internet or data connection. If you need to talk to me and these times do not work for your schedule, please let me know and we can schedule a different meeting time that could work for you.

When attending office hours, you will automatically be placed into the waiting room, and you will be admitted one by one (similar to in-person office hours). If your whole study group would like to attend office hours together, once you are admitted please let me know who the other members of your group are.

**COVID-19 considerations:** Students must self-report if they test positive for COVID-19 via [coronavirus.utah.edu](http://coronavirus.utah.edu).

- Please do not come to campus if you are experiencing COVID-19 symptoms. Remember to maintain social distancing at all times. Face coverings are required for students and faculty. Based on CDC guidelines, the university requires everyone to wear face coverings in shared public spaces on campus. Note that some students may qualify for accommodations through the Americans with Disabilities Act (ADA). If you think you meet these criteria and desire

an exception to the face covering policy, contact the Center for Disability and Access (CDA).

## **REQUIRED COURSE MATERIALS**

For both quality learning and proctored testing, you are required to have access to the following equipment:

- **High speed internet** (in order to access course materials and take exams);
- a **webcam on your computer or camera on your phone** (this is necessary for taking exams in Zoom; it is useful for online meetings);
- a **scanning device** (smartphones can be used as scanning devices) which is different than the device you are using for your camera;
- **Scientific calculator** (you can use a graphing calculator; you can not use a phone or computer app during exams).

The following are recommended, but not required:

- a **microphone** (used for online meetings);
- a **printer** - If you don't have one, you will need to print the templates for quizzes and Exams somewhere. These templates will be available on Canvas at least a week ahead of time and you plan accordingly.

**Textbook:** Using and Understanding Mathematics: A Quantitative Reasoning Approach, by Jeffrey O. Bennett and William L. Briggs, the sixth edition)  
ISBN-10: 1-269-74850-5  
ISBN-13: 978-1-269-74850-6

Through the inclusive access program, you will have access to an e-book version of the course text, **Using & Understanding Mathematics, A Quantitative Reasoning Approach**, by Bennett and Briggs, the 6<sup>th</sup> edition and the online homework site, **MyLab**. Inclusive Access is a program between the publisher and the UofU where the cost of your course materials is added to your tuition bill. This program reduces the cost of course materials for students because the purchase is made in bulk for all students in a course, rather than individually. The cost is \$65.85.

Video lectures (supplemental material) are available through the Department of Mathematics.  
<http://www.math.utah.edu/lectures/math1030.html>

**Prerequisites:** "C" or better in MATH 980 (Algebra for College Success) or Math 1010 (Intermediate Algebra) OR Accuplacer EA score of 60 or better (taken prior to January 14<sup>th</sup>, 2019) OR Next Generation Accuplacer QAS score of 250 or better (taken after January 30<sup>th</sup>, 2019) OR ACT Math score of 19 or better OR SAT Math score of 500 or better.

Note: You can place into math courses with the ACT/SAT or Accuplacer Exam scores if you took the exam within the last 2 years.

Before entering this class, you should be able to manipulate variable expressions, work with simple linear equations and graphs, work with fractions and exponents, and know the basic properties of simple geometric shapes.

(Note: Math 1030 does not satisfy a Math 1050 or Math 1090 prerequisite.)

*Important Note:* The mathematics department DOES enforce prerequisites for all undergraduate courses. If you were able to register for this class based on your enrollment in the prerequisite course last semester and you did not receive the minimum grade in that course to enter this class, then you will be dropped from this class on Friday of the first week of classes. If you are in this situation, it is in your best interest to drop yourself from this class and enroll in a class for which you have the prerequisites before you are forcibly dropped.

**Course objectives:** Math 1030 course will fulfill the Quantitative Reasoning – Math QA, general education requirement for graduation.

This course addresses the following Essential Learning Outcomes: inquiry and analysis, critical thinking, written and oral communication, quantitative literacy, teamwork, and problem solving.

Math 1030 is an application-based course centered around the use of mathematics to model changes in the real world, and the effective communication of these mathematical ideas. The course is based on Chapters 1-4, 8,9, and Chapter 10 (sec. A). You are expected to read each section that we cover.

### **Weekly workload:**

According to the University of Utah, a 3-unit course should have about 3 hours of lecture per week and 6-9 hours of additional study/homework time every week. This might not be the case for all students, as some will be able to get by on less, and some students will need more.

### **At the end of the course a student should be able to:**

- use Venn diagrams to examine relationships between sets and the validity of simple deductive arguments
- use an appropriate sentence to describe both the absolute and percent change in a given quantity and interpret such statements about the change
- use simple and compound units, making conversions when necessary, and develop accurate comparisons between units
- evaluate the impact of compound interest on simple financial decisions
- use the savings plan and loan formulas to calculate the payment amount into the savings plan when a certain financial goal needs to be achieved, to calculate the mortgage payment or interest paid over the life of the loan and discuss whether those results are realistic (or not), compare several loans with different interest rates in order to make financial decisions
- compare and illustrate the features of linear and exponential growth using practical examples
- determine simple areas, volumes, and explain the differential effect of scaling on perimeter, area, volume as well as some of the practical implications of scaling

## **THE STRUCTURE OF THE COURSE**

Each week, we cover specific sections. You can choose when you work on the material in the week (as long as you meet deadlines), but you can not complete the course at your own pace, as there are specific due dates throughout the semester.

Here is a breakdown of the components in the course:

- **Join class time by Zoom:** Every week, on Tuesday and Thursday, we will have class from 3:40 pm – 5:00 pm. The link for lectures will be the same every time. You will join class (and office hours) using the Zoom feature on your Canvas. I require that all students turn their video on (I need to be able to see you), and the audio off (unless you have a question, or we are discussing the concept and you are participating). When attending class use the same name as it appears on Canvas.

You can join any time after 3:30 pm, I will be there to answer questions. There is no waiting room when connecting to Zoom lecture.

Attending class does not count towards your grade, but attending class will directly help you with learning and therefore help your grade. You will greatly benefit from attending lectures, or any part of the lecture.

During the class lecture, I will give you some special questions which will give you EXTRA CREDITS. The special questions will also help you to understand the lectures clearer and prepare for your quizzes and exam. You can give the answers in the chatbox and on class meeting page (Canvas).

All Zoom lectures will be recorded and available **for 30 days** after it has been recorded. The link to the recording will be available in "Cloud Recordings" in Zoom (on Canvas).

- **Read from your e-textbook.** There will be a link/tab on our class Canvas page, along with the homework platform (go to "MyLab and Mastering" feature on Canvas. To read the book, look for "Chapter Contents" link on the left).
- **Read Announcements/ Class Information on Canvas:** All important information regarding this course is included in "Files" and "Announcements". Frequent informational quizzes will be given almost every week under "Quizzes" feature. These "quizzes" will be labelled as "A: 'Title of the Quiz' " (for example, A: Quiz A3) in Canvas. Completing these quizzes is **worth 3%** of your semester grade. Due dates will be shown. These quizzes are open for a week, and will open each Monday at 6 am and close a week later (the following Monday) at 8 pm. You have unlimited number of attempts for these informational quizzes. The lowest 2 informational quiz scores will be dropped at the end of the term.
- **Online Homework:** The homework due dates are given in your Daily Schedule document. Please plan ahead of time!  
The homework is given through MyLab and Mastering. Working through problems helps you understand and master the material. Completing homework is **worth 11%** of the grade. The scores are imported to Canvas. There are total of 9 homework assignments throughout the semester and 2 lowest assignment scores are dropped at the end of the semester. The due date will be assigned (due at 10 am on the assigned day), however, you will be able to continue working on the assignments after the due date with a penalty of 30% on problems submitted after the due date. All homework assignment submissions will close on the day of the Final Exam (Monday, May 3<sup>rd</sup>) at 8 pm.

- **Quizzes:** The quiz dates are given in your Daily Schedule document. Please plan ahead of time!

The quizzes are **worth 11%** of your grade. These quizzes are material/content quizzes and these are different than your announcement quizzes. Quizzes will be taken on Canvas (through “Quizzes” feature) , between 1 pm and 8 pm on the date that it is scheduled for. You will take the quiz any time during those hours. However, once you open the quiz you will have 25 minutes to complete it. This includes the time that you need to scan and upload your work. You must write all your work on a template that I will provide for you many days in advance. These templates will be posted under “Files” tab, “Quizzes” folder, “Quiz templates”; you will print it in advance and use it for the Quiz. Each Quiz will have a different template. You must follow the given directions carefully. Once you scan all your work, you will save it as a single .pdf file and upload it within the last question on your quiz. I will offer a practice quiz that will count as extra credit before you take your Quiz 1 (Tue. Feb. 2<sup>nd</sup>).

It is your responsibility to make sure that you have a secure/stable Wi-Fi before you open the quiz. There are 8 quizzes throughout the semester. Make-up quizzes are not allowed. However, the lowest 2 quiz scores will be dropped at the end of the term. You are allowed to use a scientific or graphing calculator for your quizzes.

- **Project:** This project is an in-depth 8-12 page paper in which you are implementing some of the mathematics of the course. The project is **worth 15%** of your grade . You will have the option to choose your topic and your group. The project will be due on **Tuesday, April 20<sup>th</sup>** (due by 11:59 pm, submitted on Canvas). The list of topics is already posted (“Project” Modules, and you will work in groups of about 3 students on a topic that you select from the list. We will discuss the format and expectations for this project before you start working on it. The group sign up will be available on Canvas (due on **Thursday, February 18<sup>th</sup>**, 11:59 pm). Late projects are accepted with a penalty of 10 percent for each time the class meets and the group does not turn in the project. If it is turned in on **Thursday, April 22<sup>th</sup>**, 10 percent is deducted; if it is turned in on **Tuesday, April 27<sup>th</sup>**, 20 percent is deducted, etc. You must inform me in advance if you are planning to turn in your project late.
- **Exams:** There will be two midterm exams, **each worth 20% (total of 40%)** of your grade. Exam questions will be given/posted on Canvas through “Files” tab (“Exams” folder, “Exam questions” sub-folder) or “Modules”, and will be proctored through Zoom during class time, 3:40 pm – 5:00 pm. Those files will only be visible and will open at 3:40 am on the day of the exam. For the exams you will need a camera (most computers have the camera or phone camera is ok) and a separate device for scanning. You will be scanning all your work in a format/template that I will provide (at least 1 week before the exam) and you will upload your completed work to Gradescope (platform used for grading and returning your graded exams). The week before the first exam I will have a couple of extra Zoom times (in addition to my office hours) set up, so that you can attend and practice what you need to do for the exam.

You are allowed to use a scientific or graphing calculator. You will also be allowed to use one regular size 8.5” by 11” piece of paper where you can write on both sides any information you would like. You are not allowed to use your phone, or any computer or

online resources (including math sites and online calculators), notebooks or books, or to communicate about the exam with other humans. Not following these rules is considered academic misconduct and will be penalized as such. See further comments about academic misconduct below.

Exam 1: **March 02<sup>th</sup>** (Tuesday),  
Exam 2: **April 15<sup>th</sup>** (Thursday)

Except under extremely unusual circumstances, you must inform me at least 5 days in advance of the missed test, and you must take the make-up exam prior to the actual exam date. Military duty or religious obligations are excused with an official documentation addressing the reason for absence. You are expected to promptly make arrangements with me to make up the test. Vacation or work schedule are not considered to be excused absences.

- **Final (comprehensive/departmental) Exam:** The final exam is comprehensive and **worth 20%** of your grade. It will be given on Zoom, the same way as your exams. You will print the template that I will provide, and use the last 5-10 min of the exam to scan your work and upload to Gradescope.

Final Exam: Monday, May 3rd 3:30 pm - 5:30 pm (on Zoom, proctored)

This date and time is assigned by the University of Utah scheduling office.

You can view the Spring 2021 final exam schedule at (math 1030 is listed under the departmental finals): <https://registrar.utah.edu/academic-calendars/final-exams-spring.php>

Students are not allowed to take early/late departmental final exam. Please do not schedule your trip before this date, or do not ask me to give you extra time to study.

## COMMUNICATION

- **Course Canvas Page:** Students are expected to log in and check Canvas **everyday** for posted announcements and assignments. Students are also strongly advised to set up notifications for Canvas so they do not miss any important notifications.
- **Read all Announcements on Canvas:** I will regularly post information, files, solutions, and announcements on Canvas (through “Files”, “Modules”, “Announcements”, etc.). You will be responsible for any information contained in these announcements as well as the information announced in class.
- If I need to send you a personal email I will use Canvas mail.
- I will always do my best to ensure the communication relevant to the course is clear and transparent. It is your responsibility to keep yourself updated by regularly checking: the files and announcements on Canvas, your Umail, the posts on the Discussions Board, and pay attention to the announcements given in class.
- Feel free to contact me by email for questions at [tnguyen@math.utah.edu](mailto:tnguyen@math.utah.edu) and I will do my best to answer emails promptly. I would like to encourage you to email me only if it is

something personal that requires individual attention, if instead you have questions about logistics of the class, course material and assignments, and anything else your classmates may wonder as well, please post a question on the Discussions Board instead. This way the information is shared quickly to the entire class, and each of you can benefit from seeing other classmates' questions.

- Use “Discussions” feature on Canvas, post questions/comments/suggestions for your classmates. You can find a study group this way, ask for help on certain questions/concepts,etc. Participate by answering other students' questions.

## **NETIQUETTE - EXPECTATIONS FOR ONLINE LEARNING ENVIRONMENT**

- **Classroom equivalency:** Respectful participation in all aspects of the course will make our time together productive and engaging. Zoom lectures, discussion threads, emails and Canvas are all considered equivalent to classrooms and student behavior within those environments shall conform to the student code. Specifically:
  - Posting photos or comments that would be off-topic in a classroom are still off-topic in an online posting.
  - Disrespectful language and photos are never appropriate.
  - Using angry or abusive language is not acceptable, and will be dealt with according to the Student Code. The instructor may remove online postings that are inappropriate.
  - Do not use ALL CAPS, except for titles, or overuse certain punctuation marks such as exclamation points and question marks.
  - Course e-mails, e-journals, and other online course communications are part of the classroom and as such, are University property and subject to the Student Code. Privacy regarding these communications between correspondents must not be assumed and should be mutually agreed upon in advance, in writing.
- **Other expectations for online communication** (on Discussion Board, Emails, Zoom chat etc):
  - Emails: When emailing your Professor keep a professional tone (e.g. Use a descriptive subject line, avoid “Hey” and always use your professors' proper title: Dr. or Prof., Sign your message with your name and return e-mail address. Please consult this page for tips on how to write appropriate professional emails: <https://academicpositions.com/career-advice/how-to-email-a-professor>
  - Treat your instructor and classmates with respect in email or any other communication.
  - Remember that all college level communication should have correct spelling and grammar (this includes discussion boards).
  - Avoid slang terms such as “wassup?” and texting abbreviations such as “u” instead of “you.”
  - Be cautious when using humor or sarcasm as tone is sometimes lost in an email or discussion post and your message might be taken seriously or be offensive to others.
  - Be careful with personal information (both yours and others).

- **Electronic or equipment failure:** It is your responsibility to maintain your computer and related equipment in order to participate in the online portion of the course. Equipment failures will not be an acceptable excuse for late or absent assignments.
- **Online submissions:** You are responsible for submitting the assignment with the required naming convention, correct file extension, and using the software type and version required for the assignment.
- **Note:** Canvas allows students to change the name that is displayed AND allows them to add their pronouns to their Canvas name. Additionally, students can indicate their pronouns in Zoom.

### **Resources to help you:**

Contacting me by my e-mail, coming to online office hours, or setting up an appointment is the first way to get help. I am happy to talk about individual problems, mathematical concepts, or help you make a study/learning plan. Please seek help early in the term.

#### TUTORING HELP:

- **U of U Math Tutoring Center ("drop-in" online tutoring).** The math center offers online tutoring. You can find more information here: <https://utah.instructure.com/courses/613503/>
- **U of U Learning Center (formerly ASUU Tutoring; offers subsidized one-on-one tutoring)** The Learning Center offers three free tutoring sessions per student per semester. Additional hours can be purchased after that. Scholarship assistance also available. Here is a link to more information: <https://learningcenter.utah.edu/>

#### GENERAL HELP, IN PARTICULAR IN LIGHT OF COVID-19

- Here is information from the University about logistics in light of COVID-19. There is also information about financial assistance, counseling, the food pantry, and much more. <https://coronavirus.utah.edu/#students>

#### MyLab HELP

- Contact MyLab customer support (search the internet under "MyLab/Pearson customer support" for contact detail) if you have issues with the online platform. If MyLab/Pearson representatives are not able to assist, e-mail with a description of the problem and the case number.

#### EQUIPMENT HELP

- The UofU has a laptop and mobile hotspot loan program – laptops, mobile hotspots mailed to current U students on a first-come, first-served basis. <https://lib.utah.edu/coronavirus/checkout-equipment.php>



- For technical assistance, review the Canvas Getting Started Guide for Students <https://community.canvaslms.com/docs/DOC-10701> and/or contact TLT <https://tlt.utah.edu/> or Knowledge Commons, <https://www.lib.utah.edu/services/knowledge-commons/>

## **THE LATE POLICY**

You are expected to turn things in on time. It is your responsibility to maintain your computer and related equipment in order to participate in this online course. **Equipment failures will not be an acceptable excuse for late or absent assignments.** Similarly, **it is your responsibility to start assignments early** enough, so that even if you are in traffic, your flight gets delayed, you are called into work, your run out of ink, you do work for another class, etc., you still have time to deal with the situation and then finish the assignment.

There may be situations that prevent you from turning in assignments on time. Hence, contacting me is CRUCIAL. I am usually willing to work something out. However, my general policy is that there is no late work. **The two lowest homework assignments, the two lowest math content quiz scores, and the two lowest informational quiz scores are dropped at the end of the semester.**

If you have an extraordinarily severe situation, contact me at [tnguyen@math.utah.edu](mailto:tnguyen@math.utah.edu).

**Grading Policy:** Your grade will be based on:

Announcement/ Informational Quizzes	3%
Quizzes (6 best)	11%
Homework (7 best)	11%
Group Project	15%
Exams (2 exams)	40% (20% each)
Final exam	20%

It is the student's responsibility to ensure the accuracy of all recorded homework, quizzes, and exam grades. If you see any error in your grades on Canvas, reach out to me as soon as possible, or at the latest within two weeks from when the assignment was graded.

## **Course Grades (Evaluation methods and criteria):**

Your final letter grade will be determined by your overall percentage as follows:

A	93% - 100%	C+	77% - 79.9%	D-	55% - 59.9%
A-	90% - 92.9%	C	73% - 76.9%	E	below 55%
B+	87% - 89.9%	C-	70% - 72.9%		
B	83% - 86.9%	D+	65% - 69.9%		
B-	80% - 82.9%	D	60% - 64.9%		

**Calculators:** You will need a calculator for this course. A scientific calculator will be sufficient. You are not allowed to use your cell phone as a calculator.

## **UNIVERSITY OF UTAH POLICIES**

**DROP, WITHDRAWAL, and INCOMPLETE:** The University of Utah drop and withdrawal dates:

- last day to add without a permission code – Friday, January 22<sup>nd</sup>
- last day to add, drop (delete), elect CR/NC, or audit classes – Friday, January 29<sup>th</sup>
- last day to elect CR/NC – Friday, April 9<sup>th</sup>
- last day to withdraw from classes – Friday, March 12<sup>th</sup>
- last day to reverse CR/NC option – Friday, April 23<sup>rd</sup>

### **NO CLASSES ON CAMPUS:**

Presidents' Day Holiday – Monday, February 15<sup>th</sup>

University Non-instructional Days: Monday, March 5<sup>th</sup> and Monday, April 5<sup>th</sup>

All important dates can be seen at: <https://registrar.utah.edu/academic-calendars/spring2021.php>

**INCOMPLETE (I grade):** University policy allows assignment of a grade of incomplete (I) if 80% or more of the course work has been completed. I will consider assigning an “incomplete (I)” only under EXCEPTIONAL circumstances unrelated to academic performance, and only if a student is passing the course with a C or better when the “Incomplete” is requested.

You can read about grading policies here:

<https://catalog.utah.edu/#/policy/B12v3LX0G?bc=true&bcCurrent=Grading%20Policies&bcGroup=Grade%20Information&bcItemType=policies>

## **ACADEMIC MISCONDUCT**

Students are encouraged to review the Student Code for the University of Utah:

<https://regulations.utah.edu/academics/6-400.php>

In order to ensure that the highest standards of academic conduct are promoted and supported at the University, students must adhere to generally accepted standards of academic honesty, including but not limited to refraining from cheating, plagiarizing, research misconduct, misrepresenting one's work, and/or inappropriately collaborating. A student who engages in academic misconduct as defined in Part I.B. may be subject to academic sanctions including but not limited to a grade reduction, failing grade, probation, suspension or dismissal from the program or the University, or revocation of the student's degree or certificate. Sanctions may also include community service, a written reprimand, and/or a written statement of misconduct that can be put into an appropriate record maintained for purposes of the profession or discipline for which the student is preparing.

Cheating and plagiarism are serious offenses and can result in getting a zero on the assignment, failing a class, a note in your record or being expelled. Please know that looking at someone else's exam is cheating and will be dealt with seriously as stated above. By accepting admission to the University you have agreed to abide by the University rules provided to you in the student

handbook.

Incidents of academic misconduct (e.g. cheating, plagiarizing, misrepresenting one's work, and/or inappropriately collaborating on exams) will be subject to penalty per Section V of Policy 6-400, the Student Code. Incidents of academic dishonesty on homework assignments will result in a minimum penalty of a full letter-grade reduction and up to a failing grade (E) for the course.

Incidents of academic dishonesty on exams will result in a minimum penalty of a failing grade (E) for the course, and the incident(s) will be referred to the dean of your major-department college for possible further sanction.

## **ADDITIONAL POLICIES AND RESOURCES**

**The Americans with Disabilities Act:** The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability and Access, 162 Olpin Union Building, 581-5020 (V/TDD). CDA will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for Disability and Access.

**Inclusivity Statement:** It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, and veteran status, and other unique identities. gender, sexuality, disability, age, socioeconomic status, ethnicity, race, culture, and other unique identities. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups.

**Discrimination and Harassment:** If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or Office of the Dean of Students, 270 Union Building, 801-581-7066. To report to the police, contact the Department of Public Safety, 801-585-2677(COPS). Please see Student Bill of Rights, section E <http://regulations.utah.edu/academics/6-400.php>. I will listen and believe you if someone is threatening you.

**Safety Statement:** The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit [safeu.utah.edu](http://safeu.utah.edu).

**Crisis Services Center:** This center offers services Mo-Fr 8 am – 5 pm. If you would like to talk to one of the staff members, please call 801-581-6826 or walk into the Center at 426 Student Services Building (SSB). For more urgent situations and after hours, please go to the University Neuropsychiatric Institute (UNI), 501 Chipeta Way, or to the Emergency Department at the University Hospital.

UNI Crisis Line: 801-587-3000 offers crisis response 24/7, including: crisis support over the phone, a mobile outreach option (MCOT) that will respond to persons in their home, and the Receiving Center where individuals from Salt Lake County can access a safe and supportive environment to help individuals work through their crisis situation. Individuals may spend up to 23 hours at the Receiving Center, at no cost.

**Sexual Misconduct:** Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted on the basis of your sex, including sexual orientation or gender identity/expression, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066.

For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776.

To report to the police, contact the Department of Public Safety, 801-585-2677(COPS).

**Student Names and Personal Pronouns statement:** Class rosters are provided to the instructor with the student's legal name as well as "Preferred first name" (if previously entered by you in the Student Profile section of your CIS account). While CIS refers to this as merely a preference, I will honor you by referring to you with the name and pronoun that feels best for you in class, on papers, exams, group projects, etc. Please advise me of any name or pronoun changes (and update CIS) so I can help create a learning environment in which you, your name, and your pronoun will be respected. If you need assistance getting your preferred name on your UID card, please visit the LGBT Resource Center Room 409 in the Olpin Union Building, or email [bpeacock@sa.utah.edu](mailto:bpeacock@sa.utah.edu) to schedule a time to drop by. The LGBT Resource Center hours are M-F 8am-5pm, and 8am-6pm on Tuesdays.

**English Language Learners:** If you are an English language learner, please be aware of several resources on campus that will support you with your language and writing development. These resources include: the Writing Center (<http://writingcenter.utah.edu/>); the Writing Program (<http://writing-program.utah.edu/>); the English Language Institute (<http://continue.utah.edu/eli/>). Please let me know if there is any additional support you would like to discuss for this class.

**Undocumented Student Support:** Immigration is a complex phenomenon with broad impact—those who are directly affected by it, as well as those who are indirectly affected by their relationships with family members, friends, and loved ones. If your immigration status presents obstacles to engaging in specific activities or fulfilling specific course criteria, confidential arrangements may be requested from the Dream Center. Arrangements with the Dream Center will not jeopardize your student status, your financial aid, or any other part of your residence. The Dream Center offers a wide range of resources to support undocumented students (with and without DACA) as well as students from mixed-status families. To learn more, please contact the Dream Center at 801.213.3697 or visit [dream.utah.edu](http://dream.utah.edu).

**Veterans Center:** If you are a student veteran, the U of Utah has a Veterans Support Center located in Room 161 in the Olpin Union Building. Hours: M-F 8-5pm. Please visit their website for more information about what support they offer, a list of ongoing events and links to outside resources: <http://veteranscenter.utah.edu/>. Please also let me know if you need any additional support in this class for any reason.

**Wellness Statement:** Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student's ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness at [www.wellness.utah.edu](http://www.wellness.utah.edu) or 801-581-7776.

**Student Success Advocates:** The mission of Student Success Advocates is to support students in making the most of their University of Utah experience ([ssa.utah.edu](http://ssa.utah.edu)). They can assist with mentoring, resources, etc. Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact a Student Success Advocate for support (<https://asuu.utah.edu/displaced-students>).

**University Counseling Center** The University Counseling Center (UCC) provides developmental, preventive, and therapeutic services and programs that promote the intellectual, emotional, cultural, and social development of University of Utah students. They advocate a philosophy of acceptance, compassion, and support for those they serve, as well as for each other. They aspire to respect cultural, individual and role differences as they continually work toward creating a safe and affirming climate for individuals of all ages, cultures, ethnicities, genders, gender identities, languages, mental and physical abilities, national origins, races, religions, sexual orientations, sizes and socioeconomic statuses.

**Office of the Dean of Students** The Office of the Dean of Students is dedicated to being a resource to students through support, advocacy, involvement, and accountability. It serves as a support for students facing challenges to their success as students, and assists with the interpretation of University policy and regulations. Please consider reaching out to the Office of Dean of Students for any questions, issues and concerns. 200 South Central Campus Dr., Suite 270. Monday-Friday 8 am-5 pm.

### **DISCLAIMER:**

**Syllabus subject to change:** This syllabus is meant to serve as an outline and guide for our course. Please note that I may modify it with reasonable notice to you. I may also modify the Course Schedule to accommodate the needs of our class. Any changes will be announced in class and posted on Canvas.

### **DAILY SCHEDULE OF LECTURES FOR MATH 1030 SPRING 2021 -TENTATIVE**

This is a tentative schedule. Any changes will be announced in class.

If you miss a class it is your responsibility to find out what was covered. The quiz and test dates are given and those dates will not change.

**##Week 1:**01/19 -01/21

01/19: Introduction (all students are required to attend)

01/21: 1C Sets and Venn Diagrams

**## Week 2:** 01/26-01/28

01/26: 1D –Analyzing Arguments

01/28: 1D (cont), 2A –Working with Units

**Week 3:** 02/02-02/04

02/02: 2A –Working with Units (cont)

**Quiz 1 (1C-1D)**

02/04: 2B –Problem Solving with Units

**## Week 4:** 02/09-02/11

02/09: 3A –Uses and Abuses of Percentages

**Quiz 2 (2A, 2B)**

02/11: 3B –Putting Numbers in Perspective

**Groupmate Wanted Day!!!!**

**## Week 5:** 02/16-02/18

02/16: 3C –Dealing with Uncertainty

**Quiz 3 (3AB)**

02/18: 4B –The Power of Compounding

**## Week 6:** 02/23-02/25

02/23: 4B –The Power of Compounding (cont)

02/25: Review (for Exam #1)

Practice Exam (3C,4B)

**Quiz 4 (3C,4B)**

**## Week 7:** 03/02-03/04

03/02: **EXAM #1 (1C-D, 2A-C, 4B)**

03/04: 4C –Saving Plans and Investments

**## Week 8:** 03/09-03/11

03/09: 4D Loan Payments, Credit Cards and Mortgages

03/11: 4D(cont) - 8A Linear Vs. Exponential Growth

**## Week 9:** 03./16-03./16

03./16: 8A (cont)

**Quiz 5 (4C,4D)**

03/18: 9A Building Blocks of Mathematical Models

**## Week 10:** 03/23-03/25

03/23: 9B Linear Modeling

**Quiz 6( 8A, 9A)**

03/25: 9B (cont)

**## Week 11:** 03/30-04/01

03/30: 8B Doubling Time and Half-Life

**Quiz 7(9B)**

04/01: 9C Exponential Modeling

**## Week 12:** 04/06-04/08

04/06: 9C Exponential Modeling(cont)

04/08: **GROUP WORK -Project Questions**

**Quiz 8( 8B, 9C)**

**## Week 13:** 04/13-04/15

04/13: Review (Exam 2)

04/15: **EXAM #2(4C-D, 8A-B, 9A-C)**

**## Week 14:** 04/20-04/22

04/20 :10A –Fundamentals of Geometry

04/22: Review (for Final)

**## Week 15:** 04/27

04/27: Review (for Final)

Final Exam: Monday, May 3rd 3:30 pm - 5:30 pm (on Zoom, proctored)