

MATHEMATICS 1030  
Introduction to Quantitative Reasoning (3 credits)

**Class hours:** Tue,Thu 10:45AM-12:05PM August 25<sup>th</sup> – December 3<sup>rd</sup>

This is an Interactive Video Conferencing (IVC) class, where instruction will take place during the time listed in the schedule. 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. You will receive this link and the passcode through Canvas and your uemail the week of August 17<sup>th</sup>.

**Instructor:** THUONG NGUYEN (CATHY)

Office: JWB 332. Email: [tnguyen@math.utah.edu](mailto:tnguyen@math.utah.edu)

I will be checking and answering my emails several times per day, Mon-Sat. I will not be checking or answering my emails on 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):** There will be two online office hours each week.

- Mondays 10:00-11:00 pm.
- Fridays 10:00-11:00 am.

Online office hours will be held in Zoom. The same link will be used for every office hour. This link will remain the same throughout the semester. 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. If you come to office hours, please email me at least 5 minutes before the office hours.

**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 when doing 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 make hand-written templates);

**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 \$58.85.

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:** Tue,Thu 10:45AM-12:05PM . The Zoom link for class meeting is posted in the weekly announcement “A: week ....”. We will have a ‘daily’ announcement named “Class Meeting: ....” where you can find the note and recording of the lecture for that day. 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). Attending class will count for **2.5%** of your semester grade. Please make sure that the name that you are using to connect to Zoom class is the same as **your name** on Canvas (otherwise, I will not know how to mark attendance correctly).

The attendance will be tracked through ‘Attendance’ tab on your Canvas. Each student will be marked as present, late(or left early), and absent. If you are late more than 15 min, or you leave

class more than 15 min early you will be marked as absent. Missing class occasionally will not hurt your grade.

All Zoom lectures will be recorded and available for 30 days after it has been recorded. The link to the recording will always be posted in “Modules” (our class home page that is organized week by week) by 3 pm the same day the lecture happened.

- **Read from your e-textbook.** There will be a link/tab on our class Canvas page, along with the homework platform (through “MyLab and Mastering” feature on Canvas).
- **Reading Announcements/ Class Information on Canvas:** Course documents and announcements are given in “Files” and “Announcements” features. A short quiz about the information provided/given will be posted under “Quizzes” feature. These "quizzes" will be labelled as "A: 'Title of the Quiz' " in Canvas. Completing these is **worth 2.5%** of your semester grade. Suggested due dates are shown, but these can be completed at any time. You can have several attempts for these announcement quizzes.
- **Online Homework:**The homework is given through MyLab. Working through problems helps you understand and master the material. Completing homework is **worth 10%** of the grade. The scores are imported to Canvas. The HW are available from the beginning of the semester and due every **Tuesday** at 11:59pm (include all HW given from last week). The lowest three assignment scores are dropped at the end of the semester. You can request an automatic extension to complete homework late. There is a penalty of 30% on problems submitted late.
- **Quizzes:** The quiz dates are given in the schedule mentioned on the last page. The quizzes are **worth 10%** of your grade. Quizzes will be taken on Canvas, between 1 pm and 8 pm on the date that it is scheduled for. You will take quizzes at any time during those hours. However, once you open the quiz you will have 15-20 minutes to complete it (depending on the quiz). You will only be allowed 1 attempt. If you have extenuating circumstances preventing you from taking the quiz at this time, please email me **at least 24 hours in advance** in order to fix the scheduling conflict. I will be reviewing this on a case-by-case basis, so please do not rely on rescheduling. 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. **Late quizzes are not accepted.**
- **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 or be assigned a group. The project will be due on Saturday, the end of the 13<sup>th</sup> week of the semester, **November 21<sup>st</sup>, 2020** (due by 6 pm, submitted on Canvas). You will be given the list of topics about 8 weeks before the project is due, and you will work in groups of about 2-3 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. Late projects are accepted with a penalty of 10 percentage points for each time the class meets and the group does not turn in the project. If it is turned in on Monday, November 23<sup>rd</sup>, 10 percent is deducted; if it is turned in on Wednesday, November 25<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. Exams will be given/posted through the “Quizzes” feature on Canvas and proctored through Zoom during class time, 10:45 AM-12:05 PM. For the exams, you will need a camera (webcam or phone cam) and a separate device for scanning. You will be scanning all your work in a format/template that I will provide (several days before the exam) and you will

upload it to Gradescope (the 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 are not allowed to use 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: Tuesday 10/06

Exam 2: Tuesday 11/17

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. University excused absences (band, debate, student government, intercollegiate athletics, etc.), military duty or religious obligations are excused with official documentation addressing the reason for absence. You are expected to promptly make arrangements with me to make up the test. Vacation or work schedules 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 use the template that I will provide, and use the last 10 min of the exam to scan your work and upload to Gradescope. The Final Exam will be held on **December 11<sup>th</sup>**, Friday 3:30 pm - 5:30 pm (on Zoom). This date and time are assigned by the University of Utah scheduling office.

## **IMPORTANT DATES:**

Weekly Due Dates:

- Online HW due **every Tuesday** at 11:59pm (include all HW given from last week)
- Quizzes (**20 mins**): The weekly quizzes are available from 1pm to 8pm in the testing day. The quiz dates are given in the schedule mentioned on last page.

Exams and projects (Schedule at a time between the dates below):

- Exam 1: **Tuesday 10/06** class time
- Exam 2: **Tuesday 11/17** class time
- Project Due Date: **Saturday 11/21**
- **Final: Fri 12/11 3:30 pm - 5:30 pm.** This time is assigned by the University of Utah. You can see more details from this link. <https://registrar.utah.edu/academic-calendars/final-exams-summer.php>

## **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”). You will

be responsible for any information contained in these announcements as well as the information announced in class.

- 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 announcements on Canvas, your Umail, the posts on the Discussions Board, and pay attention to the announcements given in class.
- **Umail:** It is your responsibility to also regularly check your Umail (make sure you set up forwarding if you do not check it regularly), your Umail is the only way for me to communicate privately with you, there will be occasions during the semester that we may need to reach out to you individually (e.g. regarding a grade or assignment) and it is in your best interest to respond promptly.
- Feel free to contact me by email for questions at 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'

**CLASSROOM ETIQUETTE:** Please turn off your cells phones while you are in class. During lectures, if your cell phone rings or you are texting, you will be asked to leave. If you have an emergency, you are more than welcome to step out to make a call or talk to someone.

## **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 Instructor 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: <http://www.math.utah.edu/undergrad/mathcenter.php>
- **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 your instructor 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) <https://community.canvaslms.com/docs/DOC-10701> and/or contact TLT, Knowledge Commons, etc.

### 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 three lowest homework assignments and the two lowest quiz scores are dropped at the end of the semester.**

If you have an extraordinarily severe situation, contact me, your instructor.

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

Announcement Quizzes	2.5%
Attendance	2.5%
Quizzes (6 best)	10%
Homework	10%
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. Also you should keep as record all your graded assignments. If you see any error in your grades on Canvas, reach out to the instructor as soon as possible, or at the latest within two weeks from when the assignment was returned.

### **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, August 28<sup>th</sup>
- last day to add, drop (delete), elect CR/NC, or audit classes – Friday, September 4<sup>th</sup>
- last day to withdraw from classes – Friday, October 16<sup>th</sup>
- last day to reverse CR/NC option – Friday, November 27<sup>th</sup>

**Mandatory Online Instruction Periods:** All classes will be online the weeks of September 28 – October 3, October 5-10 and November 30-December 3.

**Holidays:** There will be no class on Monday, September 7<sup>th</sup> (Labor Day) and November 27<sup>th</sup> (Thanksgiving break).

All important dates can be seen at: <https://registrar.utah.edu/academic-calendars/fall2020.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 SUMMER 2020 -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 1:08/25 -08/27**

08/25: Introduction (all students are required to attend)

08/27: 1C Sets and Venn Diagrams

**## Week 2: 09/01-09/03**

09/01: 1D –Analyzing Arguments

09/03: 1D (cont), 2A –Working with Units

**## Week 3: 09/08-09/10**

09/08: 2A –Working with Units (cont)

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

09/10: 2B –Problem Solving with Units

**## Week 4: 09/15-09/17**

09/15: 3A –Uses and Abuses of Percentages

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

09/17: 3B –Putting Numbers in Perspective

Topics for Project and discussion on format/expectations

**## Week 5: 09/22-09/24**

09/22: 3C –Dealing with Uncertainty

**Quiz 3 (3AB)**

09/24: 4B –The Power of Compounding

**## Week 6: 09/29-10/01**

09/29: 4B –The Power of Compounding (cont)

**Practice Exam (3C,4B)**

10/01: Review (for Exam #1)

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

**## Week 7: 10/06-10/08**

10/06: **EXAM #1 (1C-D, 2A-C, 4B)**

10/08: 4C –Saving Plans and Investments

**## Week 8: 10/13-10/15**

10/13: 4D Loan Payments, Credit Cards and Mortgages

10/15: 4D(cont) - 8A Linear Vs. Exponential Growth

**## Week 9: 10/20-10/22**

10/20: 8A (cont)

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

10/22: 9A Building Blocks of Mathematical Models

**## Week 10: 10/27-10/29**

10/27: 9B Linear Modeling

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

10/29: 9B (cont)

**## Week 11: 11/03-11/05**

11/03: 8B Doubling Time and Half-Life

**Quiz 7(9B)**

11/05: 9C Exponential Modeling

**## Week 12: 11/10-11/12**

11/10: Project Questions

9C (cont)

11/12: Review (Exam 2)

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

**## Week 13: 11/17-11/19**

11/17: **EXAM #2(4C-D, 8A-B, 9A-C)**

11/19: Project Questions;

8C –Real Population Growth

**## Week 14: 11/24**

11/24 :10A –Fundamentals of Geometry

**## Week 15: 12/01-12/03**

12/01: Review (for Final)

12/03: Review (for Final)

**FINAL EXAM on ZOOM: December 11(FRIDAY) 3:30-5:30 pm**