

Math 100 (Liberal Arts Mathematics) Syllabus

College of the Canyons 3.0 units

Fall 2020 Section #51151

Fall 2020 Section #51152

Mondays 12:30-1:50 via zoom

Wednesdays 12:30-1:50 via zoom

Professor's Contact Information

Collette Gibson "*Professor Gibson*" (*she/her*)



Email

Please use the inbox feature within Canvas to email me. If I haven't responded within 24-hours, please follow-up. I'm a morning person. Emails within Canvas will already sort by the class in which you are enrolled. Think of emails with me and your other instructors as an opportunity to practice formal written communication.

You may use my COC email directly if you have temporarily lost access to Canvas or if the Canvas page is not available just yet. My direct COC email address is collette.gibson@canyons.edu

Contact Hours (office hours)

- Sundays 8-9 pm
 - Tuesdays 8-9 pm
 - Thursdays 2-3 pm, 8-9 pm
- Other times are available by appointment.

Contact hours (office hours) is an open time to join my zoom session to ask questions on the course material or your grade. For grade or other personal conversations, I will virtually escort other students to the zoom waiting room.

Course Description

This course presents general mathematical ideas and tools used to solve practical problems including logic, sets, numbers, financial calculations, probability, statistics, and mathematics in politics, society, and the arts.

Student Learning Outcome (SLO)

The student will be able to:

Apply mathematical strategies to solve real-world problems in society, politics, and the arts.

Course Objectives

Apply rules of logic to determine the validity of arguments.

Recognize use and abuse of percentages and other numbers.

Analyze the implications of compound interest in financial calculations.

Examine how probabilities influence decision-making.

Identify and interpret valid statistical analysis.

Compare and contrast linear/exponential growth and decay.

Explain the roles of mathematics in art and music.
Identify how mathematics is used in politics.
Examine a significant mathematical achievement in history.

Establishing a Pattern of Due Dates

This is what I plan to do this semester:

- Mondays: Homework due by 10:30 am for Monday class
 - Wednesdays: Homework due by 10:30 am for Wednesday class
 - Fridays: Classwork and Discussion Boards due by 10:30 am for both Monday and Wednesday classes
 - Occasional Thursdays: Exams to be available most of the day for both Monday and Wednesday classes
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Tips for Success

Prior to the 1st day of class:

- Check out the zoom, Canvas, and other tutorials available through student links on [COC's Online Education](#) website.
- Within Canvas, set up your cell phone number and set notifications to text you immediately in certain cases, especially when class announcements are sent. Upload a landscape photo (not portrait) of yourself. If you are not comfortable having a picture of yourself, please use a representative image such as a picture of a musical instrument, a sample of your artwork, an animated character, a stuffed animal, or a flower for example.
- Access our Canvas page when it becomes available - one week before the start of the fall semester.

Once classes begin:

- Use earphones to listen to zoom sessions (live or recorded).
 - Check Canvas daily. Use the syllabus tab (for my class) or the calendar icon (could show all your classes if other instructors are entering due dates into Canvas) to keep track of your due dates.
 - Access the "Lesson" in Canvas so that you may take notes during a live or recorded zoom session.
 - Ask questions during live zoom sessions by unmuting yourself or typing your question into the chat box.
 - Check the videos and other resources available per lesson within Canvas. If you find a good resource, please share it with me so that I may share with the rest of the class.
 - Attend, watch, and re-watch live and recorded zoom sessions - highly recommended by students.
 - Join my zoom contact hours (recommended by students) or the TLC zoom tutoring hours. Connect with another student(s) in class to support one another.
 - Keep up with the assignments by doing a little each day.
 - Plan to spend 9 hours per week on this class, which could break down to about 2 hours a day over 4 or 5 different days each week. This varies by student.
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Academic Needs

The college is committed to providing all students with equal access to learning opportunities. If you feel you may need accommodations based on the impact of a disability please contact the [DSPS](#) office at 661.362.3341. **DSPS** is the official campus office that works to implement reasonable accommodations for students.

If you have a documented disability and an accommodation letter from DSPS, please provide me with a copy of your Fall 2020 letter within the first week of classes, or soon thereafter. For Canvas chapter exams and the final exam, I am able to extend the time as stated in your accommodation letter on a per-student basis.

Diversity Inclusion

I value the perspectives of individuals from all backgrounds reflecting the diversity of our students. I broadly define diversity to include race, gender identity, national origin, ethnicity, religion, social class, age, sexual orientation, political background, and physical and learning ability. I strive to make this classroom an inclusive space for all students. If you see ways I can improve, please let me know.

Campus Resources

- [Online Education](#)
- [TLC \(The Learning Center\)](#) for tutoring
- [BaNC \(Basic Needs Center\)](#)
- [Veterans Center](#)
- [Student Health & Wellness Center](#) **(661) 362-3259**
 - You are entitled to 6 free sessions of counseling and other health services per semester
- [Counseling Department](#)
- [Student Services Department](#)
- [EOPS \(Extended Opportunity Programs and Services\)](#)
- [Financial Aid Office](#)

If you have financial challenges, see Financial Aid and EOPS. If you are stressed by taking exams, see the TLC tutors and workshops. Get help when you need it! It sounds simple if you are feeling frustrated or confused.

Management of stress and mental health

Often the pressure on our students is very strong, involving academic commitments, relationships, outside jobs and family pressure to name a few. The staff and faculty of College of the Canyons are here to see you succeed academically and care about your emotional and physical health. You can learn more about the broad range of confidential student services, including counseling and mental health services available by visiting the [Student Health & Wellness Center](#). (661) 362-3259

The *National Suicide Hotline number is 1-800-273-TALK (8255)*. You are encouraged to enter this phone number in your cell phone. You can call it when you, or someone you know, is having thoughts of suicide or is in severe distress. You can also now use the **Crisis Text Line**. Just text "**Courage**" to **741741**. Someone will get back to you immediately. It's free and 24/7 confidential.



Tools and Text

Internet, computer, headphones, microphone

With our courses being conducted in a distance education format, it is helpful to have internet access, a laptop or tablet, headphones, and a microphone (which may already be part of your laptop). Using headphones will help you listen and reduce any disruption to others in your household.

Zoom

I will be using zoom for our live class meetings and contact hours. You will be in a waiting room at first. Use your first and last name to join rather than a game name. Try different “View Options” such as side-by-side.

Video

You don’t have to show your zoom video, but please consider using a virtual background if this makes you feel more comfortable to share your video. A virtual background hides your background, but if someone in your household stands next to you, they will show up in your video screen. I use a virtual background. Also consider uploading a profile picture within Zoom so that when you turn off your video there is still a picture rather than just your name. The profile picture may only work if you have an account with zoom.

Voice

In zoom, you will be muted upon entry. Please feel free to unmute yourself to ask questions. Once you are done communicating verbally, please mute yourself once again.

Chat

There is a chat box in zoom where you can type in your questions if you cannot unmute yourself.

Participant Box

You may raise your hand to ask a question or indicate that you need to step away from your laptop for a few minutes. There are other choices as well within the participant box.

Canvas

You will access your course materials and grades, turn in assignments, take exams, and participate in discussions through Canvas. There are three (3) different ways to access Canvas, and it’s possible that this will be updated to using the student portal.



1. coc.instructure.com/login/canvas
2. cv.canyons.edu
3. canyons.edu and click on the Canvas icon at the top of the page.

Username: The same as your MyCanyons username (example jdsmith)

Password: students

Once in Canvas, click on your image, select *Settings* and click on *Edit Setting* on the right-hand side of the page. Check the box for *Change Password*. Change your password from *students* to your own password.

Enter your cell phone number within Canvas, and then adjust your notification preferences by clicking on *Account* and then *Notifications*. I recommend having your class announcements sent to your phone via text immediately.

Visit the [Online Education Student Support](#) webpage for help with Canvas. If you need assistance logging into Canvas, call 661-362-3344 or 1-877-899-9052 or email cvsupport@canyons.edu.

Textbook: [Liberal Arts Mathematics: Math 100 \(COC\)](#), 2020.

This is a FREE open educational resource that will be available to download through the Mathematics Department webpage, and a link will be provided through our Canvas page. Some of you may prefer a printed copy through a local office supply store. You could check with printing services in the ASG computer lab. When classes were meeting in person on campus students were allowed 15 printed pages for free with their student ID card at the ASG computer lab. Prior to Covid-19, student ID cards were available in the [Student Center Room 102](#) near the bookstore. Student ID cards should be free, or \$5 for a replacement.

Phone apps

- For a scientific calculator on your phone, try GoodGrapher for the Chapter 3 material.
- To upload your work into Canvas, try CamScanner (Android or iPhone), AdobeScan (iPhone), GeniusScan.

Scientific Calculator:

I like to use the TI-30XIIS, which sells for \$10-\$15. If you do not have access to a separate calculator, you may use your cell phone. When we get to Chapter 3, the calculator input is more intense. You will want to use either the TI-30XIIS, the GoodGrapher app on your cell phone, or the scientific calculator on your cell phone when held sideways. You will be allowed to use a calculator during exams; therefore, please use the same calculator during classwork worksheets and homework problems sets that you plan to use for the exams.



Printer

A printer is optional. If you think it would be helpful to have a printed copy of the “Lesson,” exam review guides with practice questions, or pages from the book, and you don’t have a printer at home, then you could look into the [ASG Computer Lab](#) or one of your local office supply stores. If you have a tablet with a stylus pen, then you may download the documents from Canvas, write your work on the tablet, and then upload into Canvas as needed. Another option if you have a laptop is to download the documents and type your work before uploading into Canvas.

Canyons Connects:

This is a new tool available at the college. Canyons Connects (powered by Starfish) is a web application to inform you of specific concerns, kudos (good job), and support in place to help you succeed in this course. If you receive an email from Canyons Connects or Starfish on my behalf, please check in with me. More support and referral features will be added in the future.



COC Student Email:

If you need help with your COC email, contact 661-362-3398 or emailsupport@my.canyons.edu. I’ll be communicating with you through Canvas. It’s possible to set up your phone to receive text alerts when you have a new COC email.

Weighted Grades and Grade Scale

Weighted Grades

The bottom of the grade screen in Canvas will show you your percent values per category. The overall grade that Canvas shows you will be determined based upon what categories have scores at that time. Prior to Exam 1, your overall grade in Canvas will be based upon 3 categories of $15 + 15 + 10 = 40$ percent: Homework (at 15 out of 40 = 37.5%), Classwork (at 15 out of 40 = 37.5%), and Discussion Boards (at 10 out of 40 = 25%). $37.5\% + 37.5\% + 25\% = 100\%$. It won't be until the final exam scores have been entered that Canvas will be able to use the following percents exactly:

Homework counts	15% = 0.15 of grade	Consists of many assignments
Classwork counts	15% = 0.15 of grade	Consists of many assignments
Discussion Boards count	10% = 0.10 of grade	Consists of many assignments
Project counts	8% = 0.08 of grade	One assignment
Exam 1 counts	12% = 0.12 of grade	One assignment
Exam 2 counts	12% = 0.12 of grade	One assignment
Exam 3 counts	12% = 0.12 of grade	One assignment
Final Exam counts	16% = 0.16 of grade	One assignment
Total	100%	

Example Scenario for a Student

Homework score	100%
Classwork score	80%
Discussion Boards score	95%
Project score	90%
Exam 1 score	70%
Exam 2 score	50%
Exam 3 score	80%
Final Exam score	85%
Total	$= 100(0.15) + 80(0.15) + 95(0.10) + 90(0.08) + 70(0.12) + 50(0.12) + 80(0.12) + 85(0.16) = 77.9 = C$

Grade Scale: Letter Grades

COC does not use plus (+) or minus (-) grades. I will be rounding to the nearest whole percent for overall grades at the end of the semester. For example, an overall grade of 89.50% rounds to 90% while an 89.49% overall rounds to 89%. A grade of C or higher is considered passing. A grade of D provides units completed while a grade of No Pass or FW does not. Students have three attempts to pass a course. Please note that a "withdrawal" counts as one attempt.

Grade of A (or Pass)	For 90 to 100%
Grade of B (or Pass)	For 80 to 89.49%
Grade of C (or Pass)	For 70 to 79.49%
Grade of D (or FW or No Pass)	For 60 to 60.49%
Grade of F (or FW or No Pass)	For 0 to 59.49%

Homework (textbook; may have some online homework through MyOpenMath)

- Write each new section of homework and the problems assigned before you work out those problems.
- Write out each question before you work it out. If the question is a longer word problem, please summarize the key information given rather than writing out each word of the question.
- Show your own work. You may not receive points if you do not show a reasonable amount of work.
- Check your work with the solutions document posted within Canvas. Your homework will be checked for completeness, not necessarily for accuracy.
- Begin homework right away so that you may take advantage of my zoom contact hours, TLC remote tutorial hours, or help from a classmate to correct your work if you don't understand why your answer differs from the solution answer.
- Check our class Canvas site for video links to assist with homework (for most chapters, but not all).

Classwork

There will be a one-page worksheet to complete per lesson. If I'm able to incorporate group work during our live zoom sessions, you may work on these then. Otherwise, you will complete them on your own to submit through Canvas. Feel free to join my zoom contact hours if you have questions on the worksheets. I'm considering supplementing or adjusting some worksheets with similar questions as a short Canvas quiz.

Discussion Boards (Writing Assignments)

These assignments are part of the affective domain of learning which addresses a student's emotions and feelings. Except for the first assignment, which is an introduction, you will be reading short articles and watching TED Talks, responding to a series of prompts, and responding to one another as a class discussion.



Project

The project for this class will be completed individually or in groups of two students. Plan to read a data-based study for which you will analyze its conclusion from statistical and logical standpoints. A two or three-minute presentation may be part of the project requirement. Further details will be provided.

Exams

Please note that the **final exam** is a cumulative exam, and there are no make-up exams. However, I will take into account extenuating circumstances that could be documented. My plan is to have the exams open in Canvas for about 15 hours. (Thursday's 7am – 10 pm) You do not need Proctorio. You will be allowed access to a calculator. You will not be allowed access to any other resources: online, paper, or people.

College Deadline Dates (for 16-week semester length courses)

Last day for 100% refund of fees is **Sunday, August 23**.

Last day for a drop refund, add, or to withdraw from this class **without a W** is **Sunday, September 6**.

Last day to specify your intent to graduate FA2020 is **Friday, September 11**.

Last day to request a **P/NP grading option** is **Friday, September 25**.

Last day to withdraw from this class **with a W** is **Saturday, November 14**.

Active Participation Online as it relates to Dropping the Course

Please note that while I have the option (right) of dropping you at various points within the semester, it's still your responsibility to drop a class if that is your intention. In other words, do not rely on your instructors to process a drop for you.

Day 1 "no show":

If you need to miss the first class zoom session, please (you must) email me. Quite a few students, but not all, who missed the first class last semester were those who decided to drop the class. It seems to me that the first day is important for students to follow the flow of the class. I will give "no show" students 24 hours after the first class zoom session to contact me, otherwise I will drop them as a "no show." This 24-hour timeline I'm using is essential if I have a waitlist. *No transcript notation for this type of drop.*

First 2 weeks:

If you stop attending the zoom sessions after the first one and do not turn in any assignments in Canvas, then I will drop you by **September 6**. This is called a "census drop." *No transcript notation for this type of drop.* If you turn in one assignment within the first two weeks, I will consider this as an indication that you wish to continue with the course. If that is not the case, then this is **your opportunity** to drop the class without transcript notation and without using up one of your three attempts to pass this course.

Weeks 3-12:

Once we complete the first two weeks, you are committing to transcript notation for the class whether that is a letter grade, a P/NP, or a W. For face-to-face classes (not hybrid), if you miss more than 10% of class meetings (more than 3 classes), you become a candidate for being dropped. In this distance education format for a hybrid course, I will consider how many weeks you have stopped participating, how close to the W deadline we are, and your overall grade. A pattern of no participation in the course for 3 weeks earlier in the semester will cause concern and place you on my drop list well before the W deadline. If the pattern is 2 weeks of no participation with a low overall grade just before the W deadline of **November 14**, then that will cause concern and place your name on my drop list. *Transcript notation of W will appear.*

Weeks 13-16:

You are no longer able to drop the course. It's sad when students decide they prefer to drop one or two days after the W deadline. At this point, if you stop attending and do not complete the course, I have the option of assigning an FW (fail to withdraw) in lieu of a letter grade. If you have been approved to take the class P/NP, then I assign a NP for grade calculations showing an overall grade of D or F.