

### Basic Course Information

Semester:	<b>Spring 2022</b>	Instructor Name:	<b>Caroline Bennett</b>
Course Title & #:	<b>Math 98: Foundations of Algebra</b>	Email:	<b>caroline.bennett@imperial.edu</b>
CRN #:	<b>20760</b>	Webpage (optional):	<b>N/A</b>
Classroom:	<b>Building 2700, Room 2723</b>	Office #:	<b>Building 2700, Room 2765</b>
Class Dates:	<b>2/15/22 – 6/09/22</b>	Office Hours:	<b>Monday: 5:00 – 6:00 pm (on campus) Tues/Thurs: 12:00 – 1:00 pm (on campus) Wednesday: 4:00 – 5:00 pm (Zoom)</b>
Class Days:	<b>Tuesday/Thursday</b>	Office Phone #:	<b>(760) 355 – 6124</b>
Class Times:	<b>1:00 pm – 4:10 pm</b>	Emergency Contact:	<b>(760) 355 – 6155</b>
Units:	<b>6.0</b>	Class Format:	<b>Face-to-Face (on campus)</b>

### Course Description

An introduction to the concepts of Algebra. Topics covered include linear and quadratic equations and their graphs; relations, functions and their graphs; polynomial and rational expressions and equations, logarithmic and exponential expressions and equations, radical expressions and equations. (Nontransferable, AA/AS degree only)

### Course Prerequisite(s) and/or Corequisite(s)

None.

### Textbooks & Other Resources or Links

**MyMathLab (REQUIRED):** All homework, quizzes, and exams will be completed through the online learning platform MyMathLab. Information, link, and instructional video on how to get enrolled in MyMathLab will be available in Canvas. If you are already familiar with MyMathLab, then you can get enrolled with the following Course ID Number: **bennett87610**

**Calculator (REQUIRED):** A **scientific calculator** is required for this course. [Graphing calculators can be useful for homework, but they are not required for this course.] You can determine whether your calculator is a **scientific calculator** by checking that it has “log”, “ln”, and “e<sup>x</sup>” buttons. An inexpensive scientific calculator can be purchased for \$10 - \$15.

**Textbook (OPTIONAL):** Blitzer, 2017. *Developmental Mathematics for College Students, 1<sup>st</sup> ed.* Pearson ISBN: 978 – 0134268330 ; **Since the textbook is available online through the MyMathLab platform, it is NOT required that you purchase a physical textbook.**

## Course Grading Based on Course Objectives

<b>EVALUATION:</b>		<b>GRADING SCALE</b>	
Syllabus Quiz	20	900 – 1000	A
FAQ/Student Responsibilities Quiz	20	800 – 899	B
In-Class Activities*	70	700 – 899	C
Homework	120	600 – 699	D
8 Homework Quizzes × 15 pts each	120	Below 600	F
3 Exams × 150 pts each	450		
Final Exam (cumulative)	+ 200		
	1000		

**\*In-Class Activities Point Scale:**

90% - 100%:	70 pts.	40% - 59%:	30 pts.
80% - 89%:	60 pts.	20% - 39%:	20 pts.
70% - 79%:	50 pts.	5% - 19%:	10 pts.
60% - 69%:	40 pts.	≤ 5%:	0 pts.

**The grade that is earned, according to the point scale above, is the grade that will be received. Grades are not subjective. Grades are not negotiable. All students will be treated equally.**

**NOTE: The final exam in this course is cumulative and mandatory for all students.**

**NOTE: The grade percentage that you see in MyMathLab does not necessarily reflect your current overall grade in the class, since MyMathLab automatically weights all category percentages equally. At the end of the semester, the instructor will export students' MyMathLab data to a separate spreadsheet and calculate the overall percentages according to the weights outlined above.**

**NOTE: Grades are not posted in Canvas. You may email with inquiries about your grade at any point.**

## Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)

## Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Simplify polynomial expressions. Include use of factoring and simplifying using rules of exponents.
2. Simplify rational expressions
3. Simplify radical expressions. Include rationalize the denominator.
4. Solve equations, including polynomial, rational, radical, exponential and logarithmic equations and linear inequalities.
5. Graph linear, quadratic, radical, exponential and logarithmic equations.

## Course Requirements and Instructional Methods

### CATEGORIES OF ASSIGNMENTS

#### ONLINE: Syllabus Quiz and FAQ/Student Responsibilities Quiz

These are the only two online assignments that will be done through Canvas (instead of MyMathLab). These are both due by 11:59 pm on Friday, February 18. These two quizzes have unlimited attempts until their deadlines, with the highest score kept. So, the sooner you get started, the more time you will have to maximize your scores.

#### ONLINE: MyMathLab Homework Assignments

These are the official homework assignments that make up the "Homework" portion of the overall course grade (see point scale on page 2). Homework assignments make up 12% of your overall grade, but their primary purpose is that they provide very essential practice to help students prepare for quizzes and exams.

Homeworks are generally delineated by chapter/section, and each assignment is typically open for 3 – 7 days. After each assignment's deadline passes, its link will remain open, and students will be able to continue working on it for 50% credit on any problems completed past the deadline (problems completed before the deadline still retain their 100% credit).

In the homework assignments, you have unlimited tries on each problem. Therefore, if you are willing to devote the necessary time and patience, then you can achieve a score of 100% on every homework assignment.

Students can receive assistance from me on particular homework problems during designated office hours, or from our embedded tutor during their review session times, or from any other math tutor provided by the IVC Study Skills Center or other tutoring resource. The sooner you get started on each assignment, the more time you will have to ask questions and get help on particular problem areas.

**A NOTE ABOUT HOMEWORK DEADLINES:** Homework deadlines are strict. Please understand that I cannot extend homework deadlines for particular students because of a missed a due date. **In the interest of equity and fairness, it is vital that all students be assessed with the exact same assignments and deadlines.** It is each student's responsibility to log in regularly and keep track of all due dates. For the online homeworks, after an assignment's due date passes, you may still work on it for 50% credit (you keep 100% credit for all work done before the due date).

### **IN-CLASSROOM: In-Class Activities**

Some in-class activities will be assigned and collected during class time. Although students may work together on these activities, each student must turn in their own work. Similar to the online in-class activities, these are essentially “attendance” points that come from being present and participatory in class; therefore, missed activities cannot be made up later (just as missed attendance cannot be made up).

If you only miss a couple of in-class activities throughout the semester, this will have no significant impact on your overall grade (please see the quantized point scale highlighted in green on page 2). However, if you routinely miss class on a frequent basis, then these small in-class activity points will start to accumulate and have an impact on your overall course grade. Therefore, you should only remain in this class if you intend to commit to full, regular attendance throughout the semester.

### **IN-CLASSROOM: Quizzes**

Quizzes take place during on-campus days (see Course Calendar on page 8 for quiz dates). A total of 8 quizzes will comprise the Quiz portion of the overall course grade. Students may be allowed to work together during quizzes, but each student must turn in their own quiz. Quizzes must be taken in person. Only one missed quiz can be made up with the universal Make-Up Quiz that will be available toward the end of the semester (see “Make-Ups” below). If no quizzes are missed, then students may elect to either skip the Make-Up Quiz or take the Make-Up Quiz and replace their lowest quiz score (this opportunity is forfeited if a quiz is missed).

### **IN-CLASSROOM: Exams**

There will be 3 regular exams and one cumulative Final Exam (see Course Calendar on page 8 for exam dates). Exams must be taken in person. Unlike quizzes, students may not work together during exams. Exams are closed-book and closed-note. Calculators may or may not be permitted, depending upon the content of the exam.

### **MAKE-UPS**

Each student will have the chance to make up one missed quiz with the Universal Make-Up Quiz offered toward the end of the semester, and one missed exam on the designated Make-Up Exam day of Tuesday, May 24. All quiz and exam dates are listed in the Course Calendar on page 8; please plan accordingly. If you know ahead of time that you absolutely cannot make an exam date due to an out of town trip or important engagement, it is possible to arrange with me to take an exam 1 – 3 days ahead of time. However, it is not possible to take an exam after the rest of the class takes it; in such cases, it will be necessary to take the universal Make-Up Exam on Tuesday, May 24.

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## Course Policies

### ATTENDANCE

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See [General Catalog](#) for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped. Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

### What does it mean to "attend" an online class?

~~Attendance is critical to student success and for IVC to use federal aid funds. Acceptable indications of attendance are:~~

- ~~• Student submission of an academic assignment~~
- ~~• Student submission of an exam~~
- ~~• Student participation in an instructor led Zoom conference~~
- ~~• Documented student interaction with class postings, such as an interactive tutorial or computer-assisted instruction via modules~~
- ~~• A posting by the student showing the student's participation in an assignment created by the instructor~~
- ~~• A posting by the student in a discussion forum showing the student's participation in an online discussion about academic matters~~
- ~~• An email from the student or other documentation showing that the student has initiated contact with a faculty member to ask a question about an academic subject studied in the course.~~

~~Logging onto Canvas alone is NOT adequate to demonstrate academic attendance by the student.~~

### ACADEMIC HONESTY:

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the [General Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment, (e) use of a commercial term paper service.

- The consequences of academic dishonesty are severe and may include the possibility of expulsion. For further information, refer to the Standards of Student Conduct on pp. 45-46 of the 2019-2020 General Catalog.

### **HOW DO I SHOW ACADEMIC HONESTY AND INTEGRITY IN AN ONLINE “CLASSROOM”?**

- **KEEP YOUR PASSWORDS CONFIDENTIAL.**
  - You have a unique password to access online software like Canvas. Never allow someone else to log-in to your account.
- **COMPLETE YOUR OWN COURSEWORK.**
  - When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

### **Examples of Academic Dishonesty that can occur in an online environment:**

- Copying from others on a quiz, test, examination, or assignment;
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment;
- Having someone else take an exam or quiz for you;
- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others);
- Buying or using a term paper or research paper from an internet source or other company or taking any work of another, even with permission, and presenting the work as your own;
- Excessive revising or editing by others that substantially alters your final work;
- Sharing information that allows other students an advantage on an exam (such as telling a peer what to expect on a make-up exam or prepping a student for a test in another section of the same class);
- Taking and using the words, work, or ideas of others and presenting any of these as your own work is plagiarism. This applies to all work generated by another, whether it be oral, written, or artistic work. Plagiarism may either be deliberate or unintentional.

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## Other Course Information

**Out of Class Assignments:** The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. The Western Association of Schools and Colleges (WASC) has adopted a similar requirement. Since Math 98 is a 6-unit class, during a 16-week semester you should plan to spend a minimum of 12 hours per week working on homework, studying, receiving tutoring, etc., outside of class time, in order to achieve success.

**Out of class hours are at your discretion; however, it would be wise to set up and stick to a routine so that you follow the same structured schedule every week. As with any college math course, this course will be fast-paced and intensive. If you plan to stay in the class, it is a serious commitment.**

## IVC Student Resources

**CANVAS LMS:** Canvas is Imperial Valley College's Learning Management System. To log onto Canvas, use this link: [Canvas Student Login](#). The [Canvas Student Guides Site](#) provides a variety of support available to students 24 hours per day. Additionally, a 24/7 Canvas Support Hotline is available for students to use: 877-893-9853.

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas. Services include, but are not limited to:

- Tutoring Labs
- Career Services Center
- Child Development Center
- Student Counseling and Health Services
- Military and Veteran Success Center
- Extended Opportunity Program and Services (EOPS)
- Disabled Student Programs and Services
- Student Equity & Achievement Program\*
- Library Services and Information Literacy

### **\*What if I cannot afford food, books, or need other help?**

The Student Equity & Achievement Program has many resources that are available to you. Please tell us what you need by submitting your request(s) here:

<https://imperial.edu/students/student-equity-and-achievement/>

## Anticipated Course Calendar

(\*With the exception of the Final Exam, these dates are tentative and subject to change with advance notice!)

Tuesday	Thursday	Weekly Goals
2/15 First day of class	2/17	8.4, 8.6, 9.1; <b>Syllabus Quiz &amp; FAQ Quiz Due Friday 2/18</b>
2/22	2/24	9.2 – 9.4
3/1 Homework Quiz 1	3/3	11.1 – 11.3; 11.5
3/8 Homework Quiz 2	3/10	11.5 – 11.7; 12.1 – 12.2
3/15 <b>EXAM 1</b>	3/17	12.3 – 12.4; exam
3/22 Homework Quiz 3	3/24	12.5 – 12.6; 13.1 – 13.3
3/29 Homework Quiz 4	3/31	13.4 – 13.6; 14.1
4/5 Homework Quiz 5	4/7	14.2 – 14.4
4/12 <b>EXAM 2</b>	4/14	16.1 – 16.4
4/19 <b>S P R I N G</b>	4/21 <b>B R E A K</b>	Rest and/or catch up!
4/26 Homework Quiz 6	4/28	16.4; exam
5/3 Homework Quiz 7	5/5	16.5 – 16.7
5/10 Homework Quiz 8	5/12	17.1 – 17.2
5/17 <b>EXAM 3</b>	5/19	17.3, 18.1; exam
5/24 <b>MAKE-UP EXAM</b>	5/26	18.2; make-up exam
5/31	6/2 <b>MAKE-UP QUIZ DUE</b>	18.3 – 18.4; make-up quiz
6/7 <b>FINAL EXAM</b>	6/9 <b>Homework closes at 11:59 pm</b>	Final exam; last day for HW

### IMPORTANT DATES AND DEADLINES:

February 21	Holiday (Washington's birthday) – no classes
February 26	Last day to add class
February 26	Last day to withdraw without owing fees and/or be eligible for refund
February 27	Last day to withdraw without course appearing on transcript (without "W"... fees will be charged, no refunds)
March 11	Financial aid freeze date (withdrawal before this date requires eligibility recalculation)
April 18 – 24	Spring Recess – no classes
May 14	Last day to withdraw and receive a "W"
May 24	Make-Up Exam
May 30	Holiday (Memorial Day) – no classes
June 7	Final Exam



## GET TUTORING HELP WHEN YOU HAVE QUESTIONS



1

Our class's own **embedded tutor, Benjamin Trejo**, will be holding free tutoring sessions each week (solely for students in our Math 98 class).

**Tuesday/Thursday: 11:30 – 12:30 pm**

**(in the IVC Library)**

2

**The Learning Support Services Center is holding online tutoring through Zoom:**

<https://cccconfer.zoom.us/j/93055359930>

Or, simply click on **"IVC Tutoring"** from the menu on the left of our Math 190 Canvas page.

**Appointments** are available, as well as **"drop-in" tutoring**.

**In-person tutoring** is available on campus as well, both by appointment and "drop-in".

Find more information through their schedule at:

<https://www.imperial.edu/students/learning-services/study-skills-center/>

3

**Office hours** with the instructor are available each week at the following times:

**Monday: 5:00 – 6:00 pm (on campus)**

**Tuesday/Thursday: 12:00 – 1:00 pm (on campus)**

**Wednesday: 4:00 – 5:00 pm (online via Zoom)**

Office hours are not mandatory. Rather, they are an opportunity for students to meet with the instructor outside of the classroom for additional questions, examples, help, etc. (not to repeat entire lectures that were missed due to absence).

**Lots of resources are available in order to help you succeed.  
But, you must take advantage of them to benefit.  
Reach out for help!**

*"Never regard your study as a duty, but as the enviable opportunity to learn to know the liberating influence of beauty in the realm of the spirit for your own personal joy and to the profit of the community to which your later work belongs."*

*-- Albert Einstein*

