Basic Course Information

Semester:	**Fall 2021**	Instructor Name:	**Caroline Bennett**
Course Title & #:	**Math 094: Math 190 Support Course**	Email:	**caroline.bennett@imperial.edu**
CRN #:	**10801**	Webpage (optional):	**N/A**
Classroom:	**Online**	Office #:	**Building 2700, Room 2765**
Class Dates:	**8/16/21 – 12/8/21**	Office Hours:	**Mon/Wed: 8:45 – 9:30 pm (online)** **Tues: 6:00 – 6:30 pm (online)** **Thurs: 5 – 7 pm (on campus)**
Class Days:	**N/A**	Office Phone #:	**(760) 355 – 6124**
Class Times:	**N/A**	Emergency Contact:	**(760) 355 – 6155**
Units:	**1.0**	Class Format:	**Online (asynchronous)**

Course Description

This course is intended for students to take concurrently with Math 190. Included will be the review of exponents, operations on polynomial, rational and radical expressions, solving polynomial, rational and radical equations, fundamentals of trigonometric functions. (Nontransferable, nondegree applicable)

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

Corequisite: Math 190 (Pre-Calculus)

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. Perform operations on polynomial expressions.
2. Perform operations on rational expressions.
3. Perform operations on radical expressions.
4. Graph linear, quadratic and radical functions.
5. Solve linear, quadratic, radical and rational equations.
6. Demonstrate skills in the basic trigonometric concepts, including evaluating trigonometric functions, graphing and fundamental identities.

Textbooks & Other Resources or Links

[*No textbook is required for this course; you will be using the same MyMathLab platform that you use for Math 190. The information in this section is identical to that listed in the Math 190 Course Syllabus*.]

MYMATHLAB Access Code **(required)**: This comes as an insert if you buy a new text packaged with a code. Otherwise, you may purchase an access code online or at the IVC Bookstore. **A handout with instructions on how to register with MyMathLab is provided on Canvas. Course ID: bennett14379**

CALCULATOR (**required**): A **scientific calculator** is required. A graphing calculator, such as the TI-83+,
is recommended, but not required. Graphing calculators may be used on homework and
on in-class activities. Students may NOT share calculators during exams.
Graphing calculators and cell phones are NOT permitted during exams.
Certain exams or portions of exams may not allow any calculators at all.

TEXT **(recommended)**: Since MyMathLab includes full access to the e-book, buying a physical textbook is
not required. However, if you wish to purchase a physical book, it is:

Precalculus, 6e by Robert Blitzer. ISBN: 978-0134469140

Course Grading Based on Course Objectives

EVALUATION: GRADING SCALE

6 MyMathLab Quizzes × 20 pts each   =   120 $84 - 120 \ (\geq 70\%)$ Pass
                                                                                                             Below $84 \ (< 70\%)$ No Pass

A Make-Up Quiz will be available (due by Monday, Dec. 6) to replace one missing quiz score, for one missed quiz.

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: Grades will NOT be posted in Canvas.

NOTE: MyMathLab will automatically show you a current percentage based upon the work that you have completed; however, this percentage weights all categories evenly and combines all of your Math 094 and Math 190 points together. Therefore, it will not reflect your accurate overall grade. At the end of the semester, students' MyMathLab data will be exported by the instructor to a separate spreadsheet, and grades will be calculated according to the category weights outlined above. You may contact the instructor at any point throughout the semester if you wish to see your current overall grade approximation.

Course Requirements and Instructional Methods

LECTURE AND INSTRUCTION

This course is an **"asynchronous"** online course, meaning that we do NOT have designated time slots in which we will meet together each week **via Zoom**. Students are expected to work at their own pace in accordance with the MyMathLab quiz due dates.

This "Support Course" offers support in two main categories:

a) Pre-requisite skill review (algebra and trigonometry topics such as solving linear equations, sketching graphs of linear functions, the Unit Circle, etc.)

b) Extra practice examples of topics that we cover in Math 190

Students have a minimal amount of required work in order to obtain the 1 unit of credit. However, **this platform offers additional opportunities for students to obtain extra review practice and help to a greater extent that is up to each individual student.**

Additionally, there will be **"office hours"** both online in Zoom as well as on campus (see Page 1 for details). Just as with on-campus classes, students are <u>not</u> required to attend office hours, but rather it is a weekly opportunity for students to ask questions, see more examples, etc., if they wish.

<u>NOTE</u>: Due to medical reasons, I am unable to wear a mask for extended periods of time. If this is problematic for you and you wish to speak to me during office hours, please use the online office hours available through Zoom each Monday – Wednesday.

Pre-recorded video lectures will also be made available for many algebra and trigonometry review topics, in the **Modules** section of Canvas. Students are <u>not</u> required to watch these lecture videos, but you will have the opportunity to view these videos at any time throughout the semester. You may watch a video for a certain section in order to help you with quiz problems. Watching the video lectures is entirely up to the student.

ONLINE ASSIGNMENTS

Students have a <u>minimal</u> amount of required work in order to obtain the 1 unit of credit. However, **this platform offers additional opportunities for students to obtain extra review practice and help, to a greater extent that is up to each individual student**.

There will be 2 types of support course assignment categories in MyMathLab:

1) SUPPORT COURSE PRACTICE (OPTIONAL = NOT REQUIRED): These are similar to the regular homework assignments for Math 190, however, these problems are purely for optional. They are not worth any points, and will not directly affect your grade. These optional practice assignments are there as a practice resource for any pre-requisite skills in which you may be deficient or simply need to review. The help tools such as "View an Example" are available. You may work on as little or as much of these optional practice problems as you wish throughout the semester.

2) SUPPORT COURSE QUIZZES (REQUIRED): There will be 6 mandatory quizzes covering a variety of pre-requisite topics (algebra and trigonometry). Roughly one quiz will be due every 2 – 3 weeks (see Course Calendar for due dates). These are what comprise the Pass vs. No Pass grade.

Each quiz will generally become available in MyMathLab 3 – 4 days before it is due. During that time, students have the opportunity of **unlimited attempts** at each quiz. If you do not like your original score on a quiz, then you may keep re-attempting it in order to improve your score (highest score is always kept), until the time that it is due. Therefore, the sooner you get started on each quiz, the more time you will have to improve your score (and seek help if you need it).

If you get "stuck" on a particular quiz problem, here are some recommended courses of action:

a) Find similar problem(s) in the **SUPPORT COURSE PRACTICE assignment**, and use this to refresh how to do that type of problem.

b) Find a pre-requisite review **video in Modules**, and/or a relevant **math reference sheet in Files**, and use these as tools to refresh that particular skill.

c) Ask me to help you review that skill during **Office Hours** (see Page 1).

d) Ask our **embedded tutor** during one of his/her **weekly review sessions** to go over that type of problem with you and similar examples.

e) Ask a different **online math tutor** available through the **Study Skills Center** to review that type of example with you (click on **IVC Tutoring** from the Canvas menu to follow the links to Zoom).

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 <u>NOT</u> 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.

- <u>Plagiarism</u> 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.
- <u>Cheating</u> 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.**
  - o 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.**
  - o 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 <u>will do so without the assistance of others</u> (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.

HOW AM I EXPECTED TO ACT IN AN ONLINE "CLASSROOM" (ESPECIALLY ZOOM)?

Attending a virtual meeting can be a challenge when there are many students on one conference call. Participating in such meetings may count as class attendance, but disruptive behavior may also result in you not being admitted to future meetings. Follow the tips below for best results:

1) **Be RESPECTFUL**
   a. Your written, verbal, and non-verbal communications should be respectful and focused on the learning topics of the class.
2) **Find a QUIET LOCATION & SILENCE YOUR PHONE (if zooming)**
   a. People walking around and pets barking can be a distraction.
3) **EAT AT A DIFFERENT TIME.**
   a. Crunching food or chugging drinks is distracting for others.
   b. Synchronous zoom times are set in advance so reserve meals for outside class meetings.
4) **ADJUST YOUR LIGHTING SO THAT OTHERS CAN SEE YOU**
   a. It is hard to see you in dim lighting so find a location with light.
   b. If your back is to a bright window, you will be what is called "backlit" and not only is it hard on the eyes (glare) but you look like a silhouette.
5) **POSITION THE CAMERA SO THAT YOUR FACE AND EYES ARE SHOWING**
   a. If you are using the camera, show your face; it helps others see your non-verbal cues.
   b. You may be at home, but meeting in pajamas or shirtless is not appropriate so dress suitably. Comb your hair, clean your teeth, fix your clothes, etc. before your meeting time to show self-respect and respect for others.
6) **Be READY TO LEARN AND PAY ATTENTION**
   a. Catch up on other emails or other work later.
   b. If you are Zooming, silence your phone and put it away.
   c. If you are in a room with a TV – turn it off.
7) **USE YOUR MUTE BUTTON WHEN IN LOUD PLACES OR FOR DISTRACTIONS**
   a. Pets barking, children crying, sneezing, coughing, etc. can happen unexpectedly. It's best if you conference in a private space, but if you can't find a quiet place, when noises arise **MUTE** your laptop.
8) **REMEMBER TO UNMUTE WHEN SPEAKING**
   a. Follow your instructor's directions about using the **"raise hand"** icon or chat function to be recognized and to speak, but make sure you have unmuted your device.
   b. Do not speak when someone else is speaking.
9) **REMAIN FOCUSED AND PARTICIPATE IN THE MEETING**
   a. Especially when the camera is on YOU, we can all see your actions. Engage in the meeting. Look at the camera. Listen to instruction. Answer questions when asked.
   b. Do not use the Zoom meeting to meet with your peers or put on a "show" for them.
10) **PAUSE YOUR VIDEO IF MOVING OR DOING SOMETHING DISTRACTING**

Emergencies happen. If you need to leave the room or get up and move about, stop your video.

ONLINE NETIQUETTE

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.

- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

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)

- Disable Student Programs and Services

- Student Equity Program

- Library Services and Information Literacy

Anticipated Class Schedule/Calendar

Support Course quizzes will generally be due on Sunday nights by 11:59 pm. Wednesday dates are shown here so that you may keep track of Support Course quiz dates relative to the Math 190 exam dates.

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

Sunday	Wednesday
8/15	8/18
8/22	8/25
8/29 **Support Course Quiz 1 Due**	9/1
9/5	9/8
9/12	9/15 **MATH 190 EXAM 1**
9/19 **Support Course Quiz 2 Due**	9/22
9/26	9/29
10/3	10/6
10/10 **Support Course Quiz 3 Due**	10/13
10/17	10/20 **MATH 190 EXAM 2**
10/24	10/27
10/31 **Support Course Quiz 4 Due**	11/3
11/7	11/10
11/14 **Support Course Quiz 5 Due**	11/17 **MATH 190 EXAM 3**
11/21 **T H A N K S G I V I N G**	11/24 **B R E A K**
11/28	12/1
12/5 **Support Course Quiz 6 Due** [Make-Up Quiz due Mon., Dec. 6]	12/8 **MATH 190 FINAL EXAM**

IMPORTANT DATES AND DEADLINES:

August 28	Last day to add a class
August 29	Last day to withdraw without owing fees and/or be eligible for refund
August 29	Last day to withdraw without course appearing on transcript (no "W")
September 6	Holiday – Labor Day
November 6	Last day to withdraw and receive a "W"
November 11	Holiday – Veterans Day
November 24 – 28	Thanksgiving Break
December 3	Math 190 Group Project due; Math 190 Make-Up Exam
December 8	Math 190 Final Exam (comprehensive)

☆ ☆ **GET TUTORING HELP WHEN YOU HAVE QUESTIONS** ☆ ☆

1

Our class's own **embedded tutor, John Martin**, will be holding free online tutoring sessions on Zoom for 3 hours every week (just for students in our Math 190 class).

To access **free tutoring help with John Martin**, either click on **"IVC Tutoring"** from the menu on the left of our Canvas page, or follow the link provided in his email announcements to the class.

Mondays:	**4:00 – 5:00 pm**
Tuesdays:	**3:00 – 4:00 pm**
Wednesdays:	**4:00 – 5:00 pm**

2

The Study Skills Center is holding online tutoring through Zoom:
https://www.imperial.edu/students/learning-services/study-skills-center/

Or, simply click on **"IVC Tutoring"** from the menu on the left of our Math 190 Canvas home page. Appointments are not necessary.

3

Office hours are available each week at the following times:

<u>ONLINE:</u>   Monday/Wednesday: 8:45 – 9:30 pm   Tuesday: 6:00 – 6:30 pm

<u>ON CAMPUS:</u>   Thursday: 5:00 – 7:00 pm

Although **NOT** mandatory, this is students' opportunity to **meet with the instructor** for live help on questions regarding video lectures, homework problems, etc.

Lots of help is available for you, but you must take advantage of it in order to benefit!

"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