Thank you for choosing IVC! We are so happy to join you in your educational journey.

Basic Course Information

Semester:	**Spring 2022**	Instructor Name:	**Mardjan Shokoufi**
Course Title & #:	***MATH 094 Math 190 support course***	Email:	**mardjan.shokoufi@imperial.edu**
CRN #:	**20777**	Webpage	**None**
Classroom:	**2728**	Office #:	**2762**
Class Dates:	**Feb 14-June 10, 2022**	Office Hours:	**M & W 9:15-10 am in office 2762 T & R 12-12:45 pm and 3:10-3:40 pm through zoom See Canvas for zoom meeting ID..**
Class Days:	MW	Office Phone #:	**(760)355-6401 NOTE: for Spring I will be physically in my office on M and W only and will have access to my office phone on those days.**
Class Times:	**1-205**	Emergency Contact:	**Division secretary: Ms. Silvia Murray silvia.murray@imperial.edu**
Units:	**1**	Class Format:	**Face to Face**

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. (Non-transferable, nondegree applicable)

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

Corequisite: MATH 190

Student Learning Outcomes

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

1. 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

Nothing to purchase specifically for this class.
Students need paper and pencil.
We will be using the e-book for Math 190 and provided worksheets available on canvas shell for the course.

Course Requirements and Instructional Methods

Material needed: computer, Mymathlab course, scanner, or camera to upload your work, paper, pen, pencil, highlighter, stapler, scientific calculator (you may download a free calculator app from various sites)

Course setting:
This course is designed to have you learn facts while gaining an appreciation of the power of
Mathematics and getting ready for your future courses in this field. My responsibility is to do my best to be
an effective guide, while you are responsible to make a commitment to learning and keeping up with the daily work.
Remember mathematics is learned through active participation.

Out of Class Assignments: Most material for Math 094 should be completed during the class.

Course Grading Based on Course Objectives

Classwork/Worksheets* @ 10 points each
Grading Scale: The standard grading scale will be used: 70% or more PASS, less than 70% No PASS

Course Policies

Class Rules:
1. Late assignment is **not** accepted.
2. **No** make-up test will be given.
3. Have paper, notebook, pen, pencil, and highlighter, your fully charged computer ready for each class.
4. It is the student's responsibility to drop or officially withdraw from the class.
(See IVC class schedule for dates).

5. It is **your responsibility** to take notes and be aware of deadlines and due dates.
6. Daily work on assignments is expected of all students.

Other Course Information

- **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 plagiarizing 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 IVC General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following:
        - plagiarism
        - copying or attempting to copy from others during an examination or on an assignment.
        - communicating test information with another person during an examination
        - allowing others to do an assignment or portion of an assignment.
        - using a commercial term paper service.
- **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 IVC 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.

IVC Student Resources

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.

WEEK	TOPIC
1	Linear and quadratic equations
2	Interval notation
3	Functions
4	Factoring
5	Polynomials
6	Rational expressions
7	Logarithm
8	Trigonometry
9	Trigonometry
10	Trigonometry
11	System of Equations
12	System of Equations
13	Review for MATH 190 Final
14	Review for MATH 190 Final
15	Review for MATH 190 Final **Worksheets due**
16	Questions and Answers days

Zoom meeting etiquettes: *Since we will be meeting online for some office hours, appointments, or optional class times, then make sure you have a space free of distraction during our meeting times, have your computer charged or charging, have your notebook, pen, pencils, and calculator handy.*

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.