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Basic Course Information

Semester:	Fall 2021	Instructor Name:	Mardjan Shokoufi
Course Title & #:	MATH 042 Math 140 Support Course	Email:	mardjan.shokoufi@imperial.edu
CRN #:	10806	Webpage	None
Classroom:	None	Office #:	2762 NOTE: for fall IVC will be mostly in online format. So, I will not be physically in my office.
Class Dates:	Aug 16- Dec 9, 2021	Office Hours: Live via zoom	M 3:45-4:15 pm, W 8-10 am, T & R 9:30-10:15 am. Through zoom or by e-mail per student's request. See Canvas for zoom meeting ID.
Class Days:	MW17:50-18:50 See Canvas for zoom ID	Office Phone #:	(760)355-6401 NOTE: for Fall IVC will be mostly in online format. So, I will not be physically in my office and will not have access to my office phone.
Class Times:	MW 17:50-18:50 See Canvas for zoom ID	Emergency Contact:	Division secretary: Ms. Silvia Murray silvia.murray@imperial.edu
Units:	1	Class Format:	Zoom, see canvas for meeting ID

Course Description

This course is intended for students to take concurrently with Math 140. Included will be the review of rectangular coordinate system; introduction to functions and graphs; factoring polynomials; solving linear and quadratic equations; operations on polynomial, rational and radical expressions. (Nontransferable, nondegree applicable)

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

MATH 140 is the corequisite.

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. Understand functions and relations
2. Factor polynomials
3. Perform operations on rational expressions.
4. Perform operations on radical expressions
5. Graph linear equations and identify x- and y - intercepts
6. Solve linear and quadratic equations

Textbooks & Other Resources or Links

No textbook is needed for MATH 042. We will use MATH 140 textbook to review examples and problems.

Course Requirements and Instructional Methods

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

Course setting:

This course is designed to have you review Algebra facts needed to succeed in MATH 140 and 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.**

You will have to take notes based on worked out problems through zoom, work on assignments posted on canvas, and post the required work on canvas.

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 16-week semester. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

10 Classwork/Homework sets* @ 10 points each
Passing is 70% or more.

Total: 100 (See the attached calendar for dates)

Course Policies

Class Rules:

1. **Late assignment is worth 50%.**
2. Have paper, notebook, pen, pencil, and highlighter, your fully charged computer ready for each class.
3. It is the student's responsibility to drop or officially withdraw from the class.
(See IVC class schedule for dates).
4. **It is your responsibility to take notes and be aware of deadlines and due dates.**
5. 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.

Anticipated Class Schedule/Calendar

WEEK	DATES	SCHEDULE	
1	Aug 16-20	Introduction Function, domain, and range	
2	Aug 23-27	Trigonometric functions Assignment 1 due	Deadline to drop
3	Aug 30-Sep 3	Working with radicals Assignment 2 due	
4	Sep 6-10	Chapters 1-2 review	
5	Sep 13-17	Test 1 Review Q and A Assignment 3 due	
6	Sep 20-24	Basics of graphing Assignment 4 due	
7	Sep 27- Oct 1	Graphing and intercepts	
8	Oct 4-8	Linear equation Assignment 5 due	
9	Oct 11-15	Factoring Assignment 6 due	
10	Oct 18-22	Quadratic equations Assignment 7 due	
11	Oct 25-29	Rational expressions Assignment 8 due	
12	Nov 1-5	Adding and subtracting rational Expressions	Deadline to drop with W
13	Nov 8-12	Chapter 6 Review Assignment 9 due	
14	Nov 15-19	Test 3 Review Assignment 10 due	
15	Nov 29-Dec 3	Final exam review All late assignments due*	
16	Dec 6-10	Final exam review	

***Late assignments are worth at most 50% of total possible grade.**

Tentative, subject to change without prior notice

Zoom meeting etiquettes: *Since we will be meeting online for Fall 2021, then make sure you have a space free of distraction for studying and 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

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