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Basic Course Information

Semester:	Spring 2023	Instructor Name:	Jill Kitzmiller
Course Title & #:	Math 91	Email:	jill.kitzmiller@imperial.edu
CRN #:	20413	Webpage (optional):	
Classroom:	2728	Office #:	2768
Class Dates:	2/13/23 – 6/9/23	Office Hours:	9–9:30 am or 2:30 – 3:30 pm T/Th and 9:30–10 MW by text/zoom
Class Days:	T/Th	Office Phone #:	760-355-6296
Class Times:	3:45 – 6:15 pm	Emergency Contact:	Sylvia Murray – Staff Sec 760-355-6201
Units:	5	Class Format:	In person

Course Description

A further study of the concepts of algebra. Topics covered include linear and quadratic equations, relations, functions and graphs, systems of equations, logarithmic and exponential functions, conic sections, and sequences and series.
(Nontransferable, AA/AS degree only)

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

Prerequisite: None

In Person Courses

This class meets in person on campus. You are expected to addend every class meeting. 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.

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to: Given a problem or a set of problems, the student will demonstrate problem solving strategies by identifying an appropriate method to solve a 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.

Course Objectives

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

1. Demonstrate an understanding of radical expressions and equations.
2. Demonstrate an ability to solve applications, inequalities and absolute value inequalities.
3. Demonstrate and understanding of quadratic functions, including graphing and equations.
4. Demonstrate and understanding of functions and relations, including one to one functions.
5. Demonstrate and understanding of logarithmic and exponential functions and their graphs.
6. Classify and graph ellipses, parabolas, and hyperbolas.
7. Demonstrate an understanding of sequences and series and their operations.

Textbooks & Other Resources or Links

MYMATHLAB ACCESS CODE: (required): A handout with instructions on registering with MYMATHLAB, as well as the necessary course ID number is posted on Canvas.

TEXTBOOK : *Not required.* Blitzer 2017. *Algebra for College Students* 8th. Pearson ISBN: 978-0134180847 .

CALCULATOR: A scientific calculator is required.

If you are having difficulty with the material, DO NOT WAIT to get help. You should ask me questions during class or get extra tutoring at the Library Services Study Skills Center. There are links on the Imperial Valley College homepage and on Canvas.

Course Requirements and Instructional Methods

HOMEWORK: Homework is assigned on Pearson **mymathlab** site for each section covered in the book. You must purchase the access to the website and then use your own personal computer with internet access or use a computer in the Math Lab or Library to complete the assignments. There are 4 points assigned for each homework assignment regardless of length. There are 3 due dates for the homework corresponding to each test. **It will be difficult to pass the class if you do not complete the homework!**

Homework grade will be given **after each test** based on your percentage of work for **all assignments corresponding to the test**. Each assignment will be graded as follows: 90 – 100% 5 points (1 extra credit), 70 – 89% 4 points, 60 – 69% 3 points, 50 – 59% 2 points, 40 – 49% 1 point, below 40% 0 points.

EXAMS: There will be 3 exams and one cumulative final exam. Each test (other than the final) will consist of two parts, one part multiple choice taken online and the second part that is taken in class, where you show your work (no notes allowed for in class tests). The final exam will have only one part taken in class.

Each online exam is available for several days online after it is assigned, and you can choose the time when you take the exam. You only have one chance to take each exam and once you open an exam, you have to finish it within a limited amount of time. I recommend using **Google Chrome Browser** on your computer to open tests. This seems to work best with pictures.

There are **NO make-up exams** without a doctor note and /or arranged in advance. Any missed test that was not rescheduled in advance will receive a 15% reduction in grade. **The final exam is cumulative and mandatory for all students.** Any missing exam grade will be recorded a 0.

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. WASChas adopted a similar requirement.

Course Grading Based on Course Objectives

Points in this course are earned and grades are given according to the scale outlined below. All assignments are posted on Canvas along with the corresponding points and due dates. If any modification to assignments is necessary, students will be notified and changes will be made on Canvas. Grades are not negotiable. All students will be treated equally. Your scores on each assignment or exam will be posted on Canvas. Your grade will be based on the percent of points you have earned by the end of the semester.

GRADING

Breakdown: 90% and up = A, 80 – 89% = B, 70 – 79% = C, 60 – 69% = D, below 60% = F.

INCOMPLETE GRADES: To receive a final grade of incomplete, you must be passing the class and be unable to take the final exam.

Communication and Feedback Policies

I strive to check my email every day and try to respond to everyone within 24- 48 hours if you require a response. I prefer that you email me using your IVC email address or from Canvas, sometimes emails from other sources go to junk mail and I do not see them. If you do **not** email me through Canvas, be sure to include the class you are enrolled in in the subject of your email. If you have not heard from me within the time period above, you can assume that I did not get your email and contact me again. I DO NOT look at email on the weekends (Friday- Sunday) or on holidays.

I communicate with the entire class during class and using announcements posted on Canvas. I will answer questions during class, in office hours, or by email.

Normal turn around for grading exams is within one week. Grades will be posted as they are scored and will be kept track on Canvas' grade book in which students can access. **Homework is graded after each test.**

Course Policies

Attendance and drop Policy

You must attend the first day of class or you will be dropped from the course as a 'No Show.' 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.

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.

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 importance of acknowledging and safeguarding intellectual property. There are many different forms of academic dishonesty. The following kinds of honesty violations are intended to serve as examples of unacceptable academic conduct.

- 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

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 the [General Catalog](#) for more information on academic dishonesty or other misconduct.

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

Spring 2023 Tentative Schedule – Math 91 Tentative Schedule – Subject to change

	Monday	Wednesday
Week 1 – February 13 - 17	Introduction	14.1 – 14.2
Week 2 – February 20 – 24	14.3 – 14.4	15.1 – 15.2
Week 3 – Feb 27 – March 3	15.3 – 15.4	Review
Week 4 - March 6 – 10	Exam 1	16.1 – 16.2
Week 5 – March 13 – 17	16.3 – 16.4	16.5 – 16.6
Week 6 – March 20 – 24	16.7	17.1 – 17.2
Week 7 – March 27 – 31	17.3	17.4 Applications
Week 8 – April 3 – 7	Review	Exam 2
Week 9 – April 10 – 14	Spring Break	Spring Break
Week 10 – April 17 – 21	18.1	18.2
Week 11 – April 24 – 28	18.3	18.4
Week 12 – May 1 – 5	18.5	19.1 – 19.2
Week 13 – May 8 – 12	19.3 – 19.4	19.5
Week 14 – May 15 – 19	Review	Exam 3
Week 15 – May 22– 26	20.1 – 20.2	20.3
Week 16 – May 29 – June 2	Review for final	Review for final
Week 17 – June 5 – 9	Final	