



## Basic Course Information

Semester:	Fall 2022	Instructor Name:	Allyn Leon
Course Title & #:	Math 019, Math 119 Support Course	Email:	allyn.leon@imperial.edu
CRN #:	10788	Webpage (optional):	imperial.instructure.com
Classroom:	N/A	Office #:	2761 (but home for now)
Class Dates:	08/15/2022 - 12/10/2022	Office Hours (Zoom):	Monday through Thursday: 12:00 pm to 1:00 pm
Class Days:	N/A	Office Phone #:	760-355-6523
Class Times:	N/A	Emergency Contact:	Email me or call/text office phone
Units:	1	Class Format:	Online

## Course Description

This course is intended for students to take concurrently with Math 119. Included will be the review of union and intersection of sets, interval notation, solving linear equations for a specified variable, review linear equations, application problems utilizing inequalities, review of properties of exponents, introduction to functions, overview of non-linear functions, review of sigma notation, factoring and binomial theorem. (Nontransferable, non-degree applicable) (Nontransferable, AA/AS degree only)

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

Math 119

## Student Learning Outcomes

By the end of this course, 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. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)

## Textbooks & Other Resources or Links

No Text Required

## Course Requirements and Instructional Methods

**Exam Reviews:** These are review packets you can complete prior to taking each exam. Completing these review packets will help ensure you have the skills and understanding necessary to do well.

**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. WASC has adopted a similar requirement.



## Course Objectives

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

1. Find the union and intersection of sets (Modules 4 and 5)
2. Express a solution in interval notation (Module 8)
3. Use properties of exponents (Module 3, 8, 9, 10, 11)
4. Solve linear equations for a specified variable (Modules 7, 11)
5. Understand and graph linear equations (Module 11)
6. Solve application problems utilizing linear inequalities (Modules 4, 5, and 8)
7. Understand functions and their relations (Modules 4 and 5)
8. Identify non-linear equations (Module 11)
9. Use sigma notation (Module 3)
10. Factor quadratic equations (Modules 3 and 11)
11. Understand the binomial theorem (Modules 4 and 5)

## Course Grading Based on Course Objectives

Your grade will be calculated based on the following items:

5 Exams @ 20 points each	100 points	100%
<b>Total</b>	<b>100 points</b>	<b>100%</b>

Your final grade will be based on the following points and percentages:

90% to 100%	90-100 points	A
80% to 89%	80-89 points	B
70% to 79%	70-79 points	C
60% to 69%	60-69 points	D
Below 60%	Below 60 points	F

The **Canvas Gradebook** is where you want to go to check your grades and progress. You can do this at any time to get an idea of how you are doing in the class.

## Other Course Information

Last day to add the class: Saturday 08/27/2022

Last day to withdraw from the class with a "W": Saturday 11/05/2022 (Remember, Remember the 5th of November!)

## 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

Date or Week	Activity, Assignment, and/or Topic from Math 119	Assignment Dates
Week 1 Aug 15 - Aug 21	Introduction	
Week 2 Aug 22 - Aug 28	Sampling and Data, Module 1	
Week 3 Aug 29 - Sept 4	Descriptive Statistics Part 1, Module 2	
Week 4 Sept 5 - Sept 11	Descriptive Statistics Part 2, Module 3	
Week 5 Sept 12 - Sept 18	Probability Topics Part 1, Module 4	Unit Exam 1 (Review due)
Week 6 Sept 19 - Sept 25	Probability Topics Part 2, Module 5	
Week 7 Sept 26 - Oct 2	Discrete Random Variables, Module 6	
Week 8 Oct 3 - Oct 9	Normal Distributions, Module 7	
Week 9 Oct 10 - Oct 16	Confidence Intervals, Module 8	Unit Exam 2 (Review due)
Week 10 Oct 17 - Oct 23	Hypothesis Testing for 1 Sample, Module 9	
Week 11 Oct 24 - Oct 30	Hypothesis Testing for 2 Samples, Module 10	
Week 12 Oct 31 - Nov 6	Hypothesis Testing Roundup	Unit Exam 3 (Review due)
Week 13 Nov 7 - Nov 13	Correlation and Regression, Module 11	
Week 14 Nov 14 - Nov 20	Analysis of Variance, Module 12	
Week 15 Nov 21 - Nov 27	THANKSGIVING BREAK	THANKSGIVING BREAK
Week 16 Nov 28 - Dec 4	Review for Final	Unit Exam 4 (Review due)
Week 17 Dec 5 - Dec 11	Final Exam	Final Exam (Review due)



## Course Policies

- 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.
- *Attendance in an online class is more than just logging in*
  - Most of your work will take place in the Math 119 class
  - The only things to "turn in" for the Math 019 class will be the review packets
  - You will need to make sure that you log in and check announcements regularly