Instructor:	**Kathy Fung**
Office Hours:	**TuTh 4:15 – 5 PM in Rm G-201 (Math Lab)**
Classroom & Hours:	**TuTh 7 – 9:15 PM in Rm F-203**
Class Code:	**21319**
Phone:	**(510) 464-3448 (leave a message in Math Lab)**
Email:	**kfung@peralta.edu (best way to reach me) (with Subject " Math 203 = … ")**
Class Website:	**http://www.laney.edu/kathyfung (Please check frequently for updates) then select 'Math 203 – Intermediate Algebra'**

I. PREREQUISITE

Mathematics 201 or 210D or appropriate placement through multiple measures assessment process. Not open for credit to students who have completed or are currently enrolled in Mathematics 211ABCD.

II. TEXTBOOK (Required):

Elementary and Intermediate Algebra: Concept and Applications (6th Edition)
- ISBN13: 978-0321848741 / ISBN 10: 0321848748
- Authors: Marvin Bittinger, David Ellenbogen, and Barbara Johnson

III. REQUIRED MATERIALS:

- Required: a ruler; college rule papers; graphing papers
- Optional: a scientific calculator

IV. STUDENT LEARNING OUTCOMES (SLO)

1. Applications: Formulate a nonlinear model (either quadratic or exponential) of a real world application. Interpret the key characteristics of the graph (vertex, intercepts, maximum value, minimum value, asymptotes, growth rate, decay rate, etc.) in the context of the application.
2. Algebra: Solve a nonlinear equation (e.g. quadratic, exponential, logarithmic, absolute value, radical, rational, etc).
3. Graphs: Create a graph based on a given nonlinear (e.g. quadratic, exponential, logarithmic, etc) function and identify key characteristics of the graph (e.g., vertex, intercepts, maximum value, minimum value, asymptotes, etc).

V. COURSE REQUIEMENTS

- **Attendance**: Attendance is a key part of passing any class. You are expected to attend all classes. Be on time and ready for instructions each section. I will not give class information by email, or phone. You must notify the Office of Admission and Records (A-109) in a timely way if you decide to drop the class. The last day to drop with a grade of "W" is Friday, April 24th, 2020. Attempting to withdraw after that date will probably result in you receiving a grade of "F".

- **Homework**: Homework problems from the textbook will be assigned daily by the instructor. Homework will be collected and acknowledged using a √+ (=100%), √ (=85%), or √- (=70%) system depending on amount/quality of work done. You should take advantage of my office hours to ask questions. Take the homework seriously because it is worth 15% of your grade, and it is your best preparation for the exams. Your homework should be legible, clean, stapled, and follow the homework assignment format (Please read the Homework Format Sheet on page 4). **NO** late homework is accepted. A zero will be given for the assignment.
  NOTE: A zero will also be given if you **just** turn in the **answers** that could be found in the text.

- **Exams**: There will be 6 exams and worth 60% of your grade. Each of them will be worth 100 points. Exams start at the very beginning of the class period, so please be on time.
  Exams **cannot** be made up.

- **Final Exam**: There will be a comprehensive final exam. The final exam will be accumulated all chapters through the course. I will replace your lowest (non-zero) exam grade with your final exam grade if it helps.

- **Cheating:** Academic honesty is expected of all students. You are encouraged to work together on homework, but for exams, you must work independently. For an exam, sharing any amount of your work or using any amount of someone else's work, communicating with others (for any reason), looking at someone else's paper during exam, consulting disallowed materials (notes, books, cheat sheets, etc.), or helping someone do any of the above is considered cheating. Any student caught cheating will receive a 0 on that exam and will be reported to the Dean. If the behavior is repeated one more time, the student should expect an "F" in the course. Do not put yourself in this position, sit alone during tests and show all of your work.

VI. GRADES and TESTS

Homework	15%
Exams	60%
Final Exam	25%
Total	100%

VII. IMPORTANT DATES

February 2nd	Sunday	Last Day to Add Regular Session Classes online with an Instructor-issued Permission Number
February 2nd	Sunday	Last Day to Drop Without a "W" appearing on transcripts
February 2nd	Sunday	Census Roster Due
March 19th	Thursday	Professional Day (No Class)
March 31st	Tuesday	Cesar Chavez Day – Holiday Observance (No Class)
April 12th – April 18th	Sun – Sat	Spring Recess (No Class)
April 24th	Friday	Last Day to Drop with a "W" appearing on transcript
May 22nd	Friday	Spring semester ends
May 29th	Friday	Final Grades due

Tests are scheduled as follows:

Exam	Chapters Covered	Date
Exam 1	Chapter 7	Feb 13th (Thursday)
Exam 2	Chapter 8	Feb 27th (Thursday)
Exam 3	Chapter 9	March 12th (Thursday)
Exam 4	Chapter 10	April 2nd (Thursday)
Exam 5	Chapter 11	April 23rd (Thursday)
Exam 6	Chapter 12	May 7th (Thursday)
Final Exam	Chapters 7 – 12	May 19th, 7 – 9 P.M. (Tuesday)

Exam Rules:
Exams are closed book without notes. You may use your **scientific calculator** during exams. Calculator may **not** be shared during exams. On exams, each person is expected to do his/her own work. Any student who submits an exam where there is evidence that he/she copied from another student on any question will receive a "0" for the exam.

VIII. GRADING POLICY:

1. Your semester grade is distributed as follows:
   90% – 100% = A
   80% – 89% = B
   70% – 79% = C
   60% – 69% = D
   0% – 59% = F
   No student will earn a higher grade for the course than his/her highest score earned on an in-class test.

2. A grade of **"W"** will be assigned to all students who officially file a drop card with the Office of Admissions and Records prior to the college deadline date.

3. A grade of **"INC"** will be only given in special circumstances to students who have completed all the course work up to the last two (2) weeks and only when the student has conferred with the instructor personally as to the specific work to be completed and a firm commitment is made as to the date of completion.

4. If you are in doubt at any time about your current grade status, do ask. I will automatically inform each student of his/her standing approximately half way through the semester and again just prior to the final exam.

IX. NOTES

1. No chatting with your classmates, no eating, and no drinking, except bottle water, allowed in the classroom.

2. No answering cell phones or texting during class time. All electronic devices should be put on vibrate or completely turned off prior to the class. I will ask students to leave and not return to class if they are being disruptive or their cell phones go off during class.

3. All exams are closed book and without notes, but a scientific calculator is allowed during the exams.

4. Cheating is not tolerated. An offense may result in a recommended suspension from the course with a possible grade of "F" and a notice sent to the Dean.

X. Resources

1. Form a study group with your classmates.
2. Come to my office hours.
3. Math Lab (G-201): Monday to Thursday, 10AM–7PM. Good place to do your homework and study for your exams.

Class Calendar
(Tentative)

WK	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	**Jan 19**	**Jan 20** **MLK** **- Holiday**	**Jan 21** - Syllabus - Ch 7, sec 7.1	**Jan 22**	**Jan 23** - Ch 7, sec 7.1 – 7.3	**Jan 24**	**Jan 25** - Sat. classes begin
2	**Jan 26**	**Jan 27**	**Jan 28** - Ch 7, sec 7.3 – 7.4 - HW#1 due	**Jan 29**	**Jan 30** - Ch 8, sec 8.1 – 8.2	**Jan 31**	**Feb 1**
3	**Feb 2** - Last Day to add/drop w/o W - Census Day	**Feb 3**	**Feb 4** - Ch 8, sec 8.2 – 8.3 - HW#2 due	**Feb 5**	**Feb 6** - Ch 8, sec 8.4 – Exam 1 Review/Qs	**Feb 7**	**Feb 8**
4	**Feb 9**	**Feb 10**	**Feb 11** - Ch 9, Sec 9.1 – 9.2 - HW#3 due	**Feb 12**	**Feb 13** – Exam 1 (Ch 7)	**Feb 14**	**Feb 15**
5	**Feb 16**	**Feb 17** **President's Day - Holiday**	**Feb 18** - Ch 9, Sec 9.2 – 9.3 - HW#4 due	**Feb 19**	**Feb 20** - Ch 9, Sec 9.4 – Exam 2 Review/Qs	**Feb 21**	**Feb 22**
6	**Feb 23**	**Feb 24**	**Feb 25** - Ch 10, Sec 10.1 – 10.2 - HW#5 due	**Feb 26**	**Feb 27** – Exam 2 (Ch 8)	**Feb 28**	**Feb 29**
7	**March 1**	**March 2**	**March 3** - Ch 10, Sec 10.2 – 10.3 - HW#6 due	**March 4**	**March 5** - Ch 10, Sec 10.4 – 10.5 – Exam 3 Review/Qs	**March 6**	**March 7**
8	**March 8**	**March 9**	**March 10** - Ch 10, Sec 10.5 – 10.7 - HW#7 due	**March 11**	**March 12** - Exam 3 (Ch 9)	**March 13**	**March 14**
9	**March 15**	**March 16**	**March 17** - Ch 11, Sec 11.1 - HW#8 due	**March 18**	**March 19** **– Professional Day** **(No Class)**	**March 20**	**March 21**
10	**March 22**	**March 23**	**March 24** - Ch 11, Sec 11.2 – 11.3 - HW#9 due	**March 25**	**March 26** - Ch 11, Sec 11.4 – 11.5 – Exam 4 Review/Qs	**March 27**	**March 28**
11	**March 29**	**March 30**	**March 31** **Cesar Chavez Day** **- Holiday (No Class)**	**April 1**	**April 2** - Exam 4 (Ch 10)	**April 3**	**April 4**
12	**April 5**	**April 6**	**April 7** - Ch 11, Sec 11.6 – 11.7 - HW#10 due	**April 8**	**April 9** - Ch 12, Sec 12.1 – Exam 5 Review/Qs	**April 10**	**April 11**
13	**April 12**	**April 13**	**April 14**	**April 15**	**April 16**	**April 17**	**April 18**
	SPRING RECESS – NO CLASS						
14	**April 19**	**April 20**	**April 21** - Ch 12, Sec 12.2 – 12.3 - HW#11 due	**April 22**	**April 23** - Exam 5 (Ch 11)	**April 24** – Last Day to drop w/W	**April 25**
15	**April 26**	**April 27**	**April 28** - Ch 12, Sec 12.3 – 12.5 - HW#12 due	**April 29**	**April 30** - Ch 12, Sec 12.5 – 12.6	**May 1**	**May 2**
16	**May 3**	**May 4**	**May 5** – Exam 6 Review/Qs – Final Review/Qs - HW#13 due	**May 6**	**May 7** - Exam 6 (Ch 12)	**May 8**	**May 9**
17	**May 10**	**May 11**	**May 12** – Final Review/Qs	**May 13**	**May 14** – Final Review/Qs	**May 15**	**May 16**
18	**May 17**	**May 18**	**May 19** – Final: 7 – 9 PM (Chapter 7 – 12)	**May 20**	**May 21**	**May 22** - Semester ends	**May 23**
19	**May 24**	**May 25**	**May 26**	**May 27**	**May 28**	**May 29** - Final grades due	**May 23**

Homework Requirements

Directions:

1. Use $8\frac{1}{2}" \times 11"$ college-rule paper, stapled together if you use more than one sheet.

2. Your homework should be labeled with the following in the **upper right corner:**

   a) your **last name** followed by your **first name**;
   b) the name of course ("Math 203") with the assignment number;
   c) the due date.

3. **Show your work clearly.** Your homework should be legible and clean. To best represent your work, do your **scratch-paper work on a separate sheet** from the homework sheet. That way you can show only the correct steps on your homework sheet. **Circle your answer** whenever possible.

4. Work on **one question per row,** and no more than one. **Copy the original** question unless if it is a word problem.

Homework Format Example

Last Name, First Name
Math 203, Homework #1
Due Date: 01/28/19

Translate to an algebraic expression

1. Five times the product of two numbers a and b.
   Answer: _____

2. Twice a number more than five times another number.
   Answer: _____

Perform the indicated operations

$-10+(-35)$

3. $= -10-35$

   $= -45$

4. $-3.7(-5.6)$

   $=$

5. ……..

6. ……..