

Mathematic 114 Elementary Algebra 2 – Syllabus

SPRING 2016-Mondays & Wednesdays 11:20-12:45pm-1388 –MS 109

Instructor: Professor Fendi He(r) **Email:** hefy@lavc.edu

Office Hours: Mondays -Thursdays 2:15-2:40pm @ MS 112

Math Lab Tutoring Hours: Mon-Thurs: 10:00am-6:30pm pm & Fridays & Saturday 10:00am-3:00pm @ LARC 226

Textbook: Elementary Algebra by Angel and Runde (Eighth Edition) & **MYMATHLAB.COM** is Required for this Course.

Calculator: Beside textbook, you will need a scientific calculator for HW, not for quizzes and exams. No Graphing calculator is allowed in the class.

Prerequisite: C grade or better in MATH 113.

Course Description: The second half of Math 115. The course reviews factoring, and covers rational expressions, introduction to graphing linear equations in two variables, solving systems of linear equations, roots and index 2 radicals, and methods of solving quadratic equations. Math 113 and 114 together are equivalent to Math 115. Credit is allowed in only one of Math 115 or the Math 113/114 combination. Concurrent enrollment in Math 113 and 114 is not permitted.

Chapters COVER: Chapters 6 to 10. 1 chapter per exam.

SLO(Student Learning Outcome)

Students will be able to think analytically at a level appropriate to elementary algebra. Students will be able to think and read critically to solve elementary algebra level mathematical.

- 1) Read and extract relevant information to write a mathematical equation
- 2) Use appropriate math techniques to solve an equation
- 3) Determine if solution is correct and meaningful.

Course Objectives:

1. Evaluate, simplify and perform the fundamental operations on rational and radical expressions
2. Solve quadratic, polynomial, rational, and index 2 radical equations
3. Graph a linear equation in 2 variables
4. Solve a system of 2 linear equations in 2 variables
5. Set up and solve various types of word problems

Plagiarism and Student Conduct:

Plagiarism is the use of others' words and/or ideas without clearly acknowledging their source. When you incorporate those words and ideas into your own work, you must give credit where credit is due. Plagiarism, intentional or unintentional, is considered academic dishonesty and is not tolerated.

Anyone found to be plagiarizing or cheating on assignments (e.g., copying or giving answers, using 'crib' sheets, etc.) will (1) receive a zero (fail) on the assignment, and (2) face disciplinary action by the department chair or college academic dean. For further information on plagiarism, go to the Writing Center website (www.lavc.edu/WCweb/plagiarism.html)

Attendance Policy: Attendance is **MANDATORY**. Excessive absences or tardiness may affect course grade. A total of 4 absences or consecutive missing three class meetings will be dropped from this course. Half hour tardiness or leaving early is equivalent one absence. Three 15 minutes marks of tardy count as one absence. Leaving class early and tardiness are very disrespectful and disruptive. Please DO NOT schedule any doctor's appointments and/or counseling appointments during the class meetings. **It is your responsibility** to keep your enrollment status current. You risk receiving a semester grade of "F" if you stop attending without officially withdrawing. Do not bring others with you to class. Only enrolled students may attend class. Please ensure that your cell phone is **SILENT** while in the classroom. If you are always on time, never leaving early, and attend all the class meetings, you will gain 5 bonus points at the end of the semester. Students missing class are responsible for finding out what they missed and what is due. I am unable to repeat entire lectures or individually email all students who missed class. I suggest you get contact information from a few classmates

Services for Students with Disabilities (SSD):

SSD program provides support services, specialized instruction, and educational accommodations to students with disabilities so that they can participate as fully and benefit as equitably from the college experience as their non-disabled peers. If you are a student with disabilities, please make sure to inform me right away and submit me the proof/memo from the Office for any exam accommodation. If you think that you are qualified to participate in SSD, please contact The Services for Students with Disabilities (SSD) Office is located in Student Services Annex, Room 175.

Classroom Policies

- Be on time** to the class especially during the exam. If you are late more than 20 minutes, you are responsible to get what you were missing from other classmates. I will not answer questions regarding what I have covered for students who are late or absent or leaving early.
- Please be courtesy to set your cell phone in silence before class and don't text the message in the class. **I only provide two warnings and I won't tolerate this behavior. Please BE RESPECTFUL!**
- Please be prepared to be called often to answer questions or to the whiteboard during lecture.
- Please don't interrupt the lecture and the class at all the times and don't WHINE; **NO PROFANITY AT ALL!**
- Please let the instructor know if you leave the class early than usual or absent the next lecture day especially during exam date.
- No food is allowed in the classroom, but you can have a snack and please throw away your trash.

LAVC offers a variety of tutoring resources for students

1. Your instructor's office hour: **Mondays to Thursdays from 2:15-2:40 pm**
Ask your instructor is the best resource. I am always willing to help you during my office hours. Please be prepared and bring questions to my office hour.
2. **The Math Lab will be opening for walk in tutoring hours in LARC 226 (Library 2nd floor).**
3. Google keywords & Youtube important information to enhance your understanding.
4. Ask Fellow classmates' questions before, during, and after the class. Work with one or more classmates can be invaluable.
Meet in a study room in the library, Starbucks, tutoring labs, etc. You get up to 10 points extra credit for studying in a group of at least 3 people and meeting at least 5 times outside the classroom, with minimum of 2 hours each time per day.

Grading:**Grade Scale:**

Participation & Classwork (4 pts X 15 wk)	70		
Written Homework (20 pts x 5)	100	100% - 90%	A
Quizzes (20 pts X 4)	80	89% - 80%	B
4 Exams (120 pts x 4)	480	79% - 70%	C
A Comprehensive Final	270	60% - 69%	D
TOTAL	1000	No Final Exam OR < 60%	F

Extra Credit:

1. Participating in office hours will worth up to a total of 10 points.
2. Forming a study group will total up to 10 points.
2. At the end of each chapter, there is a chapter test. Please complete it and it is worth 4 points extra credit for two chapters test on each exam.

PARTICIPATION & Classwork (70 points: 4 pts per week)

Participation: Participation includes taking lectures notes, answering your instructor's questions, coming to the whiteboard to complete the assigned problems, and work with classmates. Basically, ACTIVE participation gain FULL credit. Tardiness and absences will be deducted points with the participation grade.

CLASS work: At the beginning/the end of the lecture, I will assign a few problems to practice in class. You will have approximately 15-20 minutes to work on them. You are always expected to work in groups or different partners through the whole semester. Class work will be turned in along with the homework set before the exam. There might be some days to have pop quizzes instead of classwork. Don't forget to **label the day of the class work and section on the heading.**

HOMEWORK (100 points: 5 sets—2 pts per set) NO LATE Written HW is due after the EXAM date!

- There are FIVE homework sets. Each HW sets worth 20 points covers ONE chapter.
- YOU **MUST** REGISTER MYMATHLAB ASAP **by the end of the first week.**
- There will be **weekly assignment due** on Tuesdays on mymathlab.com; if your HW is late, each day will be deducted 3% per section.
- You are recommendable to write homework on your notebook in detail and show all your work. I will check your homework.
- The course ID for this class to register mymathlab is: **he76975**

The completion of daily homework is critical to your success in this course. Please do your HW on a regular basis. DO NOT WAIT TILL the LAST MINUTE. *It's recommended that students spend at least 2 hours each day to review the class notes, read the pertinent sections in the text, and solve the homework problems.*

EXAMS(4 exams—480 points)

- There will be FOUR one-hour chapter exams worth 125 points each. ALL Four exams will be counted toward your grade. Therefore, please be alerted about the exam dates. All your exams will be mostly free response question. Please don't provide an excuse that you don't know the exam date.
- If you **must** miss an exam, you MUST notify me on or before the day of the exam. **You must provide me a reason with a proof why you have to miss the exam.** I might accommodate you with another day based on your proof and reason in my office hour or another campus.

FINAL EXAM (270 points)

There is a comprehensive two hour final exam at the last day of class. The final exam contains approximate 30 multiple choice questions. You will need an 882 scantron.

Final Exam Date: 10:30am to 12:30pm on Wednesday, June 1, 2016 (Mark this in your calendar).

****Note: Any student who does not take the final exam will fail the course, regardless of his or her grade to that point.****

Guidelines to Turn in HW SET during the date of the Exam/Final

1. **Necessary work shown (HW)**
2. **Practice Chapter Exam**
3. **Classwork, Pop Quizzes, and/or Handouts (remember to label sections & dates; if you are absent, write the date of your absence)**
4. **Extra Credit (for that chapter)**
5. **Staple All together or Put it in a folder (neat and organize)**

FOR HW & E-Textbook: To register for LAVC Math 114 Spring 2016:

1. Go to mymathlab.com
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [he76975](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
 - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign in**.
 - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
 - Use the access code that came with your textbook or that you purchased separately from the bookstore.
 - Buy access using a credit card or PayPal.
 - If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **LAVC Math 114 Spring 2016** to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

1. Go to mymathlab.com
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign in**.
4. Under MyLab & Mastering New Design on the left, click **LAVC Math 114 Spring 2016** to start your work.

Additional Information

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.

Tentative Spring Schedule

	Mons	Sections	Weds	Sections	HW Due
Wk 1	02/08	Syllabus & MymathLAB	02/10	S. 6.1-6.2	
Wk 2	02/15	President's Holiday No class	02/17	S. 6.3-6.4	02/21/2015 LAST DAY to DROP without "W" using internet
Wk 3	02/22	Quiz 1 (S. 6.1-6.3) S. 6.4-6.5	02/24	S. 6.5-6.6	
Wk 4	02/29	S. 6.6-6.7 Exam 1 Review	03/02	Exam 1 (Ch. 6)	Ch. 6 HW SET Due
Wk 5	03/07	S. 7.1-7.2	03/09	S. 7.2-7.3	
Wk 6	03/14	S. 7.3-7.4	03/16	Quiz 2 (S. 7.1-7.3) S. 7.4-7.5	
Wk 7	03/21	S. 7.5 & Exam 2 Review	03/26	Exam 2 (Ch. 7)	Ch. 7 HW SET Due
Wk 8	03/28	S. 8.1-8.2	03/30	S. 8.2-8.3	
Spring Break	04/04	No Class	04/06	No Class	Ch. 8 HW SET Due
Wk 9	04/14	S. 8.3-8.4	04/16	S. 8.4-8.5	
Wk 10	04/18	S. 8.5 & Exam 3 Review	04/20	Exam 3 (Ch. 8)	
Wk 11	04/25	S. 9.1-9.2	04/27	S. 9.2-9.3	
Wk 12	05/02	S. 9.3-9.4	05/04	S. 9.4-9.5	05/08/2015 LAST DAY to DROP with "W" using internet
Wk 13	05/09	S. 9.5 & Exam 4 Review	05/11	Exam 4 (Ch. 5)	Ch. 9 HW SET Due
Wk 14	05/16	S. 10.1-10.2	05/14	S. 10.2-10.3	
Wk 15	05/23	Final Review (Game)	05/25	Final Review (Game)	
Wk 16	05/30	No Class Memorial Holiday	06/01	Final: 10:30-12:30pm You will know your final grade in 2 weeks.	<u>HW SET 5 (Ch. 10 & FINAL REVIEW)</u>

EXTRA Credit for Participating in My Office Hour or Math Lab. DUE: final exam date

You can only get up to the maximum of **10 points** of OFFICE hour extra credit and you are required to STAY **more than 30 minutes** to ask the question regarding homework, exams, & study skills. Bring your notes to Math Lab for tutoring. . Each visit (one day) worth 1 points, up to 10 visits.

The Math Lab locates in Library and Academic Resource Center (LARC 226).

Hours of Operations are Mondays-Thursdays from 10 am to 6:30 pm and Friday & Saturday from 10:00am to 1:00pm.

You will need a SIGNATURE from each instructor/tutor. Please do not forfeit any signature because I can check MATH LAB log in.***

Additional Tutoring

- My office hour: Tuesdays and Thursdays 7:20-7:55am at MS 112
- Ask your instructor and/or classmate’s questions before, during, and after class.

Date and Time	What are you asking? Which Section or quiz or Midterm?	Instructor/Tutor Print Name and Sign (Which Center)
03/03/2014 07:20-08:55am	Sect 3.3 Solve word problems	Professor He
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		

Extra Credit: Forming a Studying Group outside the Classroom

You can get up to 10 points extra credit by forming a studying group outside the classroom. You must form a group of at least 3 students from this class. By getting 10 points extra credits, you must study at least 5 times outside the classroom, with a minimum of 1.5 hour to 2 hours in a study room in a library, tutoring labs, Starbucks, etc. You must record you and your group with the start time by showing what are you planning to study within 1.5 hours to 2 hours and the end time by showing what you have accomplished at the end. PLEASE ILLUSTRATE WHAT YOU ACCOMPLISHED.

STUDY GROUP Members are:

1. _____
2. _____
3. _____
4. _____
5. _____

Study places are:	Date	Time	Length of time
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

First Day Introductory Activity: Make friends inside the classroom

After introducing briefly each other in a group of four, now please get to know ONE classmate fully. You are responsible to introduce one person from your group to the class.

- Name/Nickname

- Year in school: Freshman, Sophomore, etc???

- Major and Career Goal

- One topic you are excited to learn from this class:

- One study tip you recommend

- Hobbies

Ms He(r)'s Tips: How to Become Successful in

Math 114 Class:

- 1. Attend every class session and be on time*
- 2. Be an active participant in the classroom activities*
- 3. Preview new material*
- 4. Do the homework on a regular basis*
- 5. Make friends in class*
- 6. Ask for assistance (classmate, instructor, tutoring center)*
- 7. Believe in your ability to succeed*
- 8. Be neat, accurate and well organized*
- 9. Persevere*
- 10. Prepare for the tests and the final exam.*

Classmate yellow page

It is important to get 3 contacts from classmates if you have any questions or ever miss a class due to any emergency. Please get notes, classwork, or any handouts from one of these classmates. Your instructor will not answer questions regarding what you have missed. Why don't you make friends now? Feel free to take out your phone and input these classmate's info. After you're done, be courtesy to put away the phone.

Name: _____

Email: _____

Phone #: _____

Major: _____

Career Goal: _____

Hobbies: _____

Name: _____

Email: _____

Phone #: _____

Major: _____

Career Goal: _____

Hobbies: _____

Name: _____

Email: _____

Phone #: _____

Major: _____

Career Goal: _____

Hobbies: _____