

Math 125 Section 4488 MTWTh 6:30-9:05 (location MSA `109) Summer 14 (E-mail: feinerh@wlac.edu Math 125 in subject area.)

Professor: H. Feiner, office MSB219 .(Phone 310-287-4543)

Text: Intermediate Algebra 11/e, Lial, Margaret | Hornsby, John | McGinnis, Terry, & SPECIAL EDITION FOR WLAC. ISBN 1256628379

Publisher: Addison Wesley/Benjamin Cummings

Course Description:

Math 125, Intermediate Algebra, is delivered as a regular lecture class. Students choose the course as a face-to-face course. Students must be registered with WLAC in Culver City, CA, and follow all rules, regulations, and deadlines. This includes the admonition that you must **withdraw officially before the deadline** in case you abandon the class. Failure to withdraw will result in failure of the course. All students have an Etudes account to be used.

A second course in algebra covering basic operations with real numbers, linear equations, inequalities, applications, graphs, functions, systems of equations, polynomials, factoring, rational expressions and functions, roots and radicals, quadratics, inverse, exponential, and logarithmic functions, conics, nonlinear functions and systems,

Students stay in touch with the professor and each other through discussion and/or private messages on this website.

Warning:

Make your best effort in this course. Do homework regularly. You need to reach the point where you can do homework without help from any source..This class is not fast, it is superfast. You are expected to spend at least six hours per day on this class. In reality, most students require more time.

Expected Outcomes:

Ability to handle operations on real numbers with applications to linear and quadratic equations, inequalities and functions.

- Competence in manipulating polynomial operation, factoring,.rational expressions
- Aptitude for solving application problems.
- Capability to grasp radicals, root, exponential, and logarithmic functions, .
- Facility with understanding conics..

Course Format:

The course is delivered in small sections through textbook sections.

Familiarize yourself with the material in the section presently covered in the textbook before these sections are covered in class. Read the textbook section before coming to class, work out the examples with pencil and paper. Rework the examples if necessary till you can reproduce them without help from any source. Now you are ready for the homework from the textbook. Do every other odd numbered problem, as many as needed. You are responsible for the amount of work performed by you to master the material. Turn in your homework the day of the final.

Additional online algorithmically developed homework can be found as follows:

Log onto www.interactmath.com.

Click on ENTER

Choose author Lial (Intermediate Algebra, 11e) from the drop down box.

Submit

Pick a chapter

Click on the “+” to expand, then click on a section.

You are presented with a list of exercises. Enjoy.

In the same window as the exercise you can get

a) help for the problem

b) and/or ask for a similar problem with different numbers.

Using InterActMath is especially helpful if your textbook is not yet available for the class. Please remember to bring your textbook to every class session.

Take the tests when scheduled. Show enough work on paper so that your reasoning can be followed without additional oral explanations and associate each piece of scratch work with a problem number. Box in answers on paper. Make-ups are not given. If you miss a test, the grade on the final will be substituted for the missed test.

Visit the restroom before the test. If you need to go, visit the nearest restroom and return promptly. Visiting the restroom during testing puts you under suspicion of cheating.

Turn off all music and other electronic devices during testing. Clear your desk of all objects, especially phones. If the student next to you is taking the test, move as far away as possible,

The date for taking the final is fixed by the college.

Communication with professor/students:

Send messages to feinerh@wla.edu. You should also communicate with each other through the message availability in Etude. .

Hints:

When answering test questions, budget your time. Ten problems solved in 50 minutes allows five minutes per question. Don't spend more time on the first go-around. Answer questions in order and show reasoning on scratch paper. Identify each piece of scratch work with a problem number.

A grade is adjusted in case of clerical error (check additions, etc.)

Scoring and Evaluation:

Homework/quizzes (60 sections): (20 points).

5 Tests: (11 chapters) 100 points per test.

Final: 300 points.

Extra credit: None

A: 90.1% - 100%

B: 80.1% - 90%

C: 70.1% - 80%

D: 60.1% - 70%

F: Below 60%

The grade of Incomplete will be issued only if the student is prevented from taking the final due to a **verifiable emergency before the final**. A student who is not passing the class or has personal issues affecting performance needs to withdraw before the withdrawal deadline.

Attendance:

You can be dropped from class if you **miss three class sessions**, but the ultimate responsibility for officially withdrawing is yours.

The last day to drop for this class with no fee owed or no W is June 20, 2014. The last day to drop with a "W" July 17, 2014. Double check the accuracy of these dates

Conduct:

You are adults and will be treated accordingly. Likewise, you will behave accordingly. I will not tolerate any student or classroom situation that distracts from a positive learning environment. That includes eating/drinking in class (except for water) and talking. You could be suspended for one or two days by the professor. You could also be sent to the Dean of Student Services for these and other violations for disciplinary action, including longer suspension and expulsion.

Board Rule 9803.17 Interference with Peace of College

The malicious or willful disturbance of the peace or quiet of any of the Los Angeles Community Colleges by loud or unusual noise or any threat, challenge to fight, or violation of any rules of conduct as set forth in this Article. Any person whose conduct violates this section shall be considered to have interfered with the peaceful conduct of the activities of the college where such acts are committed.

Dishonesty Policy:

Cheat once, get an F on the test. The incident will be reported to the vice president of student services. Cheat again, fail the course and get reported to vice president of student services.

Recording devices:

State law in California prohibits the use of any electronic listening or recording device in a classroom without prior consent of the instructor and college administration. Any student who needs to use electronic aids must secure the consent of the instructor. If the instructor agrees to the request, a notice of consent must be forwarded to the Vice President of Academic Affairs for approval. Put cell phones on vibrate.

Disciplinary action:

Violation of Board Rules shall result in student discipline imposed in accordance with the Student Discipline Procedures as stated in Board Rule 91101. Discipline includes warning, reprimand, disciplinary probation, suspension or termination of financial aid, suspension, withdrawal of consent to remain on campus, expulsion subject to reconsideration, and permanent expulsion.

Student grievance procedure:

The purpose of the student grievance procedure is to provide a prompt and equitable means of resolving student grievances. The procedure enumerated in Administrative Regulation E-55 shall be available to any student or applicant for admission who believes a college decision or action has adversely affected his or her status, rights, and/or privileges as a student. Education Code Section 76224(a) governs grievances relating to course grades.

Disabled students programs & services:

West Los Angeles College recognizes and welcomes its responsibility to provide an equal educational opportunity to all disabled individuals. The Office of Disabled Students Programs and Services (DSP&S) has been established to provide support services for all verified disabled students pursuing a college education. All services and equipment are provided free of charge to any qualifying disabled student. The DSP&S Office is located in the Heldman Learning Resources Center (HLRC), room 119. The Office is open Monday through Thursday, 9:00 a.m. to 5:30 p.m., and Friday, 9:00 a.m. to 12:00 p.m. Early morning and evening appointments can be made by special arrangement. The telephone number is (310) 287-4450. The following

services are offered: Note taking assistance. • Classroom accommodations for students with disabilities.

- Registration assistance.
- Special parking permits.
- Academic and career guidance counseling.
- Adaptive equipment and technology aids.
- Specially adapted computers.
- Test proctoring and related accommodations.
- Instructor liaison.
- Learning strategies and study skills classes

The DSP&S Office also maintains a liaison with the California Department of Rehabilitation and other public agencies such as the Regional Center and Westside Center for Independent Living.

These guidelines may be changed to improve or further class atmosphere.

Tentative schedule:

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M 6-16 1.1-1.4	T 6-17 2.1- 2.3	W 6-18 2.4-2.6	Th 6-19 2.7,	M 6-23 TEST 1, 3.1	T 6-24 - 3.2,3.3	W 6-25 3.4, 3.5	Th 6-26 3.6, 4.1-4.2
M 6-30 TEST 2, 4.3	T 7-01 4.4	W 7-02 5.1, 5.3	Th 7-03 5.4, 5.5	M 7-07 . TEST 3 6.1	T 7-08 6.2- 6.4.	W 7-09 6.5, -7.1	Th 7-10 7.2, 7.3
M 7-14 TEST 4, 7.4	T 7-15 . 7.5, 7.6	W 7-16 8.1-8.3	Th 7-17 8.4-8.7	M 7-21 TEST 5, 9.1	T 7-22 9.2, 9.4	W 7-23 9.5-9.7	Th 7-24 10.1-10.2
M 7-28 TEST 6, 10-3	T 7-29 10.4-10.5	W 7-30 10.6, 11.1, 11.2	Th 7-31 11.3-11.5	M 8-04 TEST 7, 12.2	T 8-06 12.3, 12.4	W 8-07 Review	Th 8-08 Final

Options if a scheduled class does not meet.

A scheduled class is canceled (campus closed for some reason - electrical failure or other emergency, ..., professor breaks a leg, ...) **You are still responsible for the material, as if the class had been conducted. Communicate with your professor through e-mail within the Etudes website.**

Make sure the college has your latest e-mail address, phone number, other personal information.

If the professor is late (traffic, car accident, personal emergency, ...) stay in class and work on the planned section(s) in the textbook as much as possible. Help each other.

Course Name and Number MATH 125
Course Title INTERMEDIATE ALGEBRA

Course Objectives (as stated in the Course Outline of Record)

- 1.
2. Demonstrate facility with operations involving real and complex numbers, algebraic expressions, and functions
- 3.
4. Use appropriate techniques to solve equations, including: linear, quadratic (or quadratic in form), exponential and logarithmic equations; equations involving rational or radical expressions or absolute value, and those involving factorable polynomials; and systems of linear and non-linear equations.
- 5.
6. Use functions and systems of equations to model data and solve 'story' problems
- 7.
8. Solve and graph linear and non-linear inequalities in one and two variables
- 9.
10. Graph and analyze functions (linear, quadratic, rational, radical, exponential, logarithmic) and conic sections
- 11.
12. Write, evaluate, and apply arithmetic and geometric sequences and series
- 13.
14. Be prepared to succeed in a transfer-level mathematics course

Math Division Program SLOs

- 1.
2. Apply quantitative thinking processes using basic mathematical operations (addition, subtraction, multiplication, division) to solve common academic, workplace, and family problems. (Theme: Quantitative thinking; mathematical operations)
- 3.
4. Analyze and interpret spatial and graphic data (schedules, maps, and tables, graphs) to plan and organize daily routines. (Theme: spatial and graphic data).
- 5.
6. Use mathematical tools essential for analyzing quantitative problems and for producing solutions. (Theme: mathematical tools)
- 7.
8. Apply advanced mathematical concepts and tools (algebra, calculus) essential in upper division academic work and/or workplace tasks. (Theme: advanced mathematical operations-algebra, calculus)
- 9.
10. Select appropriate math strategies for solving and handling real life problems involving finance, economics, and family issues. (Theme: mathematical problem-solving)

<p style="text-align: center;"><u>Course SLO</u></p> <p>One sentence that describes a major piece of knowledge, skill, or ability that students can demonstrate by the end of the course</p> <p><i>Finish the sentence, "At end of the course, the successful student will be able to... "</i></p>	<p style="text-align: center;"><u>Assessment Method</u></p> <p>Major assignment, project or test used to demonstrate or apply outcome</p> <p><i>Remember to have a mix of qualitative and quantitative assessment methods.</i></p>	<p style="text-align: center;"><u>Criterion Level</u></p> <p>Reflects satisfactory performance on the SLO</p> <ul style="list-style-type: none"> • • <i>At least X percent of students achieve this course SLO.</i> • • <i>All students achieve at least the Y level on this SLO.</i> • • <i>At least X percent of students achieve the Y level on this course SLO.</i> •
<ol style="list-style-type: none"> 1. 2. Select and use appropriate algebraic techniques to solve a wide variety of equations and systems of equations 3. 	<p>Students will answer questions embedded on a multiple-choice final exam. A scantron scanner will be used to access the results for each of the relevant questions.</p>	<p>Each question will be answered correctly by 50 % of students.</p> <p>At least 40 % of students will answer correctly at least 70% of the questions on this sub-scale.</p>
<p>2. Analyze, model, and solve application problems including those involving variation</p>	<p>Students will answer questions embedded on a multiple-choice final exam. A scantron scanner will be used to access the results for each of the relevant questions.</p>	<p>Each question will be answered correctly by 40 % of students.</p> <p>At least 30 % of students will answer correctly at least 60% of the questions on this sub-scale.</p>
<ol style="list-style-type: none"> 1. 3. Construct and analyze graphs of functions, inequalities, and conic sections 4. 	<p>Students will answer questions embedded on a multiple-choice final exam. A scantron scanner will be used to access the results for each of the relevant questions.</p>	<p>Each question will be answered correctly by 50 % of students.</p> <p>At least 40 % of students will answer correctly at least 70% of the questions on this sub-scale.</p>

1.		
2.		
3.		

Mapping to Program SLO and Institutional SLOs

Please indicate with an "X" in the appropriate boxes below, the Course SLO mapping to the corresponding Program and Institutional SLO(s).

Course SLO	Program SLO												Institutional SLO								
	1	2	3	4	5	6	7	8	9	10	11	12	A	B	C	D	E	F	G	H	I
#1	x		x	x									x		x			x		x	
#2	x		x		x								x	x	x					x	
#3	x	x	x										x		x					x	
#4																					

For information only, **read my book for Beginning Algebra/Watch corresponding videos.**

Links to Beginning Algebra Text and videos playlists by Professor Henri Feiner

- 1.
2. Introduction to Algebra

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Intro.pdf

http://www.youtube.com/playlist?list=PL506C56FDA71B79BF&feature=view_all

http://www.youtube.com/playlist?list=PL37F70081BDEFEB9&feature=view_all

1.

2. The Commutative, Associative, and Distributive Laws/Properties

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Comm_Aссо_Dist.pdf

http://www.youtube.com/playlist?list=PL37F70081BDEFEB9&feature=view_all

1.

3. Additional Properties of Real Numbers

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Addi_Prop_Real.pdf

http://www.youtube.com/playlist?list=PL04BA33DF9D1B5167&feature=view_all

1.

4. Arithmetic of Signed Numbers

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Arit_Sign_Numb.pdf

http://www.youtube.com/playlist?list=PL760930C0C85C5FE2&feature=view_all

1.

5. Fraction Notation and Percent

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Frac_Nota_Perc.pdf

http://www.youtube.com/playlist?list=PLC1ACD73D1CE0A2F8&feature=view_all

6- Positive and Negative Real Numbers, the Number Line

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Pos Neg Numb Line.pdf

http://www.youtube.com/playlist?list=PL348B7461EC9415B9&feature=view_all

1.

7. Order of Operations

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Orde_Oper.pdf

http://www.youtube.com/playlist?list=PL72BAD92F11B75FAF&feature=view_all

8. Evaluating Rational Expressions

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Eval_Rati_Expr.pdf

http://www.youtube.com/playlist?list=PL035D120A0C52BDD9&feature=view_all

9. Solving Linear Equations by Addition/Subtraction

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Addi_Subt.pdf

http://www.youtube.com/playlist?list=PL59D38607B40A2E85&feature=view_all

10. Solving Linear Equations by Multiplication/Division

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Mult_Divi.pdf

http://www.youtube.com/playlist?list=PL3A2DC3F523D85FC2&feature=view_all

11. Solving Linear Equations. Integer Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Inte_Prob.pdf

http://www.youtube.com/playlist?list=PLB5CEAC4D594DD31A&feature=view_all

12. Solving Linear Equations. Coin and Stamps Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Coin_Stam_Prob.pdf

http://www.youtube.com/playlist?list=PL8DEEB788515A427F&feature=view_all

13. Solving Linear Equations. Geometry Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Geom_Prob.pdf

http://www.youtube.com/playlist?list=PL449A4F29D1F85987&feature=view_all

14. {Solving Linear Equations. Commerce Problems} \\% 14

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Comm_Prob.pdf

http://www.youtube.com/playlist?list=PL176B9B783E43747B&feature=view_all

15. Solving Linear Equations. Investment Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Inve_Prob.pdf

http://www.youtube.com/playlist?list=PLAC117AE8B869758E&feature=view_all

16. Solving Linear Equations. Mixture Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Mixt_Prob.pdf

http://www.youtube.com/playlist?list=PL9112194A0BAE1246&feature=view_all

17. Solving Linear Equations. Speed(Rate)-Distance-Time Problems

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Equa_Rate_Dist_Time_Prob.pdf

http://www.youtube.com/playlist?list=PL09C56B4F258C43A0&feature=view_all

18. Translating Oral Expressions/Equations into Mathematical Expressions/Equations
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Tran_Oral_Expr_Equa_into_Math_Expr.pdf
http://www.youtube.com/playlist?list=PL0B7894C6168AB527&feature=view_all
19. Solving Formulas and Geometry
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Form_and_Geom.pdf
http://www.youtube.com/playlist?list=PL007CEE47E5DAF8C5&feature=view_all
20. Applications with Percents
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Appl_with_and_Perc.pdf
http://www.youtube.com/playlist?list=PL7B615ED7668DC9A3&feature=view_all
21. Solving Linear Inequalities and Applications
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_Line_Ineq_and_Appl_1.pdf
http://www.youtube.com/playlist?list=PLAD46E0C15CC6325E&feature=view_all
22. Plotting Points. Rectangular or Cartesian Coordinate System
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Plot_Poin_Rect_Cart_Coor_Syst.pdf
http://www.youtube.com/playlist?list=PLBCF15B6E241F7743&feature=view_all
23. Graphing Linear Equations and Intercepts
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Grap_Line_Equa_and_Inte.pdf
http://www.youtube.com/playlist?list=PL4C0DCC59200C049F&feature=view_all
24. Rates/Slopes
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Rate_Slop.pdf

http://www.youtube.com/playlist?list=PLA17DFE7CCB38CA44&feature=view_all

25. Equations of a Line

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Equa_of_Line.pdf

http://www.youtube.com/playlist?list=PL6739B06EFA53C789&feature=view_all

26. Graphing Linear Inequalities in Two Variables

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Grap_Line_Ineq_in_two_Vari.pdf

http://www.youtube.com/playlist?list=PLC8A4C95E403019E6&feature=view_all

27. Introduction to Functions

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Intr_to_Func.pdf

http://www.youtube.com/playlist?list=PL1BA1D77D6AC8D457&feature=view_all

28. Laws/Properties of Exponents

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Laws_or_pro_of_Expo.pdf

http://www.youtube.com/playlist?list=PL387C744174D67C91&feature=view_all

29. Polynomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Poly.pdf

http://www.youtube.com/playlist?list=PL4FD7D3D73F372E2F&feature=view_all

30. Addition and Subtraction of Polynomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Addi_and_Subt_of_Poly.pdf

http://www.youtube.com/playlist?list=PLD4235C06698DE3BD&feature=view_all

31. Multiplication of Polynomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Mult_of_Poly.pdf

http://www.youtube.com/playlist?list=PL379A738B390FB543&feature=view_all

32. Special Products

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Spec_Prod.pdf

http://www.youtube.com/playlist?list=PLC6CDB9A1EE6FD9B6&feature=view_all

33. Polynomials in several Variables

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Poly_in_seve_vari.pdf

http://www.youtube.com/playlist?list=PLE8DBED66E6BEC03B&feature=view_all

34. Division of Polynomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Divi_of_poly.pdf

http://www.youtube.com/playlist?list=PLE8DBED66E6BEC03B&feature=view_all

35. Negative Exponents

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Nega_expo.pdf

http://www.youtube.com/playlist?list=PLF41ACBEC924C0887&feature=view_all

36. Scientific Notation

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Scie_noti.pdf

http://www.youtube.com/playlist?list=PLB93357D874AB8A4D&feature=view_all

37. Factoring the Greatest Common Factor (GCF)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Grea_comm_fact.pdf

http://www.youtube.com/playlist?list=PL2483E676747CF66F&feature=view_all

38. Factoring Binomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_bino.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqRmCYT16AwTz-yPsKZUC6yd&feature=view_all

39.

Factoring trinomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Fact_trin.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqTs1PeOL-CLvsgnKXu8nhxu&feature=view_all

40. Factoring Perfect Square Trinomials

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Fact_perf_squa_trin.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqRKvrdhQv6m2qZ7Bj5F3CV-&feature=view_all

41. General Strategy for Factoring

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Gene_stra_for_fact.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqQbwk6TjaEGhyWDqTLkmAzB&feature=view_all

42. Solving Quadratic Equations by Factoring

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_quad_equa_by_fact.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqR24jhxL_XxpTTrdCJJUnw0&feature=view_all

43. Solving Application Problems by Factoring

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_appl_prob_by_fact.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqShSBwE1AVlh6Te4-IhhuMM&feature=view_all

44. Rational Expressions

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Rati_Expr.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqTCj38pN76tdzkoagmbFa_6&feature=view_all

45. Multiplication and Division of Rational Expressions

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Mult_and_Divi_of_Rati_expr.pdf

http://www.youtube.com/playlist?list=PLbEA2z28bkqQO9nVHkgdjMtej-lpMSUAW&feature=view_all

46. Addition/Subtraction of Rational Expressions with Like Denominators (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Addi_Subt_of_rati_expr_with_like_deno.pdf

http://www.youtube.com/playlist?list=PL83E1A391523F234C&feature=view_all

47. Least Common Denominator of Rational Expressions (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_leas_comm_deno_of_rati_expr.pdf

http://www.youtube.com/playlist?list=PLCE595D84681E81FE&feature=view_all

48. Addition/Subtraction of Rational Expressions with Unlike Denominators (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Addi_subt_of_rati_expr_with_unli_deno.pdf

http://www.youtube.com/playlist?list=PLC2291951FF3FA3F5&feature=view_all

49. Complex Rational Expressions (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Comp_rati_expr.pdf

http://www.youtube.com/playlist?list=PL53D60310218C37C2&feature=view_all

50. Solving Equations with Rational Expressions (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_equa_with_rati_expr.pdf

http://www.youtube.com/playlist?list=PL0F0B6BF9036A6B1D&feature=view_all

51. Solving Equations with Proportions (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_equa_with_prop.pdf

http://www.youtube.com/playlist?list=PLD76F489A6DF27507&feature=view_all

52. Solving Systems of Equations by Graphing (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_syst_of_equa_by_grap.pdf

http://www.youtube.com/playlist?list=PL0C09609AA9B83B46&feature=view_all

53. Solving Systems of Equations by Substitution (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_syst_of_equa_by_subs.pdf

http://www.youtube.com/playlist?list=PL87BABFDD91699612&feature=view_all

54. Solving Systems of Equations by Elimination (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_syst_of_equa_by_elim.pdf

http://www.youtube.com/playlist?list=PL4E494E17822377C5&feature=view_all

55. Solving Systems Application Problems Using Systems of Equations (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_syst_appl_prob_usin_syst_of_equa.pdf

http://www.youtube.com/playlist?list=PL98353A3C43F9B589&feature=view_all

56. Linear Inequalities in Two Variables (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Line_ineq_in_two_vari.pdf

http://www.youtube.com/playlist?list=PL312D3684F98313B7&feature=view_all

57. Direct and Inverse Variation (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Dire_and_inve_vari.pdf

http://www.youtube.com/playlist?list=PL7EB5650F21254AFE&feature=view_all

58. Introduction to (Square, cubic, \ldots) Roots and Radical Expressions (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Intr_to_squa_cubi_root_and_radi_expr.pdf
http://www.youtube.com/playlist?list=PLC48453B7313FD2D7&feature=view_all
59. Simplification of Radical Expressions (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Simp_of_radi_expr.pdf
http://www.youtube.com/playlist?list=PLF12A785F8DAC1F69&feature=view_all
60. Multiplication/Division of Radical Expressions (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Mult_divi_of_radi_expr.pdf
http://www.youtube.com/playlist?list=PL5C37A9A693D96317&feature=view_all
61. Rationalizing the Denominator (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Rati_the_deno.pdf
http://www.youtube.com/playlist?list=PL30B574FA54E481B1&feature=view_all
62. Adding and Subtracting Radicals (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Addi_and_subt_radi.pdf
http://www.youtube.com/playlist?list=PLB4D8CC40165228EA&feature=view_all
63. Radical Expressions with Several Terms (to be revised)
http://resources.wlac.edu/userfiles/feinerh/BegAlg_Radi_expr_with_seve_term.pdf

http://www.youtube.com/playlist?list=PL3A97F7B2F57DB217&feature=view_all

64. Solving Radical Equations (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_radi_equa.pdf

http://www.youtube.com/playlist?list=PL42F72B2CBEB7973A&feature=view_all

65. Application Problems Using Right Triangles (and Radicals) (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Appl_usin_righ_tria.pdf

http://www.youtube.com/playlist?list=PLB56CE348F462CBBA&feature=view_all

66. Higher Roots and Radical Expressions (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_high_root_and_radi.pdf

http://www.youtube.com/playlist?list=PLFCDD4A4002CC48C1&feature=view_all

67. Solving Quadratic Equations Using the Square Root Property (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_quad_equa_usin_the_squa_root_prop.pdf

http://www.youtube.com/playlist?list=PL5BEA49B4CFB06EE3&feature=view_all

68. Solving Equations by Completing the Square (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_equa_by_comp_the_squa.pdf

http://www.youtube.com/playlist?list=PL26AB4293717219C2&feature=view_all

69. The Quadratic Formula (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_The_quad_form.pdf

http://www.youtube.com/playlist?list=PL8745BA34AFA6CF79&feature=view_all

70. Solving Application Problems Involving Quadratic Equations (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Solv_appl_prob_invo_Quad_equa.pdf

http://www.youtube.com/playlist?list=PLA2EBB31FBA33D79F&feature=view_all

71. Solving Formulas Involving Quadratics (to be revised)

[http://resources.wlac.edu/userfiles/feinerh/BegAlg\\\$ \\\$Solv\\\$ \\\$form\\\$ \\\$invo\\\$ \\\$quad.pdf](http://resources.wlac.edu/userfiles/feinerh/BegAlg\$ \$Solv\$ \$form\$ \$invo\$ \$quad.pdf)

http://www.youtube.com/playlist?list=PL85CD892FA1310C5B&feature=view_all

72. Introduction to the Arithmetic of Complex Numbers (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Intr_to_the_arit_of_comp_numb.pdf

http://www.youtube.com/playlist?list=PLA82150A4BA98A6CA&feature=view_all

73. Graphs of Quadratic Equations (to be revised)

http://resources.wlac.edu/userfiles/feinerh/BegAlg_Grap_of_quad_equa_New.pdf

http://www.youtube.com/playlist?list=PL81C5718A156F7732&feature=view_all