

SYLLABUS M117 SUMMER 2009
MTR 8:30 - 10:30
LF 215

- INSTRUCTOR: Janet Arnold
- OFFICE: LF 306
- OFFICE HOURS: Monday and Tuesday 1:15-2:15
- PHONE: 941-2186 or call me at home 426-8282 (502).
- E-MAIL: jakarnol@ius.edu *If you need to contact me, please use this address.*
- WEB PAGE: <http://homepages.ius.edu/JAKARNOL/> You can find notes for class, practice exams and a review for the final.
- TEXT (optional): Elementary and Intermediate Algebra by Carson, Gillespie, and Jordan;
- (Math XL)-** **We will be using an online homework, tutorial, and assessment system.** You will need an access code which will be bundled with new textbooks that can be purchased at the bookstore or can be purchased separately.
<https://register.pearsoncmg.com/reg/buy/coursebuy.jsp>
- CALCULATOR: A scientific calculator is needed. We will not be learning how to use a calculator. If you need help with your calculator see me during office hours. Graphing calculators with computer algebra systems (like TI-89) are not allowed.
- PREREQUISITES:** M007 or Beginning Algebra or placement by exam. An pretest is required the first week of class. Students who struggle with the material on the pretest will be recommended to drop back to M007. Recommended students who drop M117 and add M007 before the 8th class meeting (4th for a class that meets once per week) will have no financial penalties and will not have a W recorded. Standard policies apply to students who drop the course later and/or do not add M007
- COURSE DESCRIPTION: Intermediate algebra is a continuation of algebra from M007. The material covered in M117 is comparable to the second semester of first year high school algebra and part of the second year of algebra.

M117 Intermediate Algebra Course Objectives:

By the end of this course, students should be able to:

- Factor polynomials and solve equations by factoring
- Perform operations on rational, exponential, and radical expressions
- Solve systems of equations
- Solve problems and applications involving rational, radical, and quadratic equations
- Determine slope and equations of lines
- Graph linear and quadratic equations

These objectives will be tested on the final exam.

GRADING: You will be graded on exams, class work, homework, quizzes, and a final. Exams are worth 50% of your grade, quizzes are worth 8% of your grade, homework is worth 8% of your grade, class work is worth 9% of your grade and the final is worth 25% of your grade. One half of your final exam grade may be used to replace your lowest test grade **if you do not miss an exam and do not miss more than 2 classes.**

GRADING SCALE: 97-100 is an A+, 92-96 is an A, 90-91 is an A-, 87-89 is a B+, 82-86 is a B, 80-81 is a B-, 77-79 is a C+, 72-76 is a C, 70-71 is a C-, 67-69 is a D+, 62-66 is a D, 60-61 is a D-, anything below 60 is an F.

QUIZZES: You will be given a quiz about once a week either in class or on line. The quiz will cover the previous one or two homework assignments and will be worth 20 points. The lowest (?one or two) quiz will be dropped if you do not miss any. **THERE ARE NO MAKE UPS ON QUIZZES.** You must attend class. Some quizzes may be given online.

EXAMS: Four exams worth 100 points will be given. Check your syllabus for the dates. If you have specific physical, psychological or learning disabilities and require accommodations, please let me know early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the Coordinator of Disability Services located in **University Center South, Room 207, 941-2243. Additional information about the Office of Services for Students with Disabilities may be obtained at:**
<http://www.ius.edu/ASC/DisabilityServices/>

FINAL: A comprehensive final will be given during final week. This final **MUST** count at least 25% of your final grade. **Study for it!!! If you fail the final exam (below 60%), the maximum course**

grade is a C. The review for the final exam can be found at:
<http://homepages.ius.edu/pmiller/ReviewForFinals.htm>

EXPECTATIONS: Students are expected to **ATTEND CLASS, DO ALL ASSIGNMENTS, READ THE BOOK**, and be considerate of everyone in the classroom.

ATTENDANCE: Attendance is a key factor in academic success. Class attendance is required. Illness is usually the only acceptable excuse for absence from class. Absences must be explained to the satisfaction of the instructor, who will decide whether missed tests may be made up. A student absent from class bears full responsibility for all material covered in class. **Please call or email me when you need to be absent.**
No cell phone during class and especially during a test.

MAKE UP POLICY: Only EXAMS may be made up. If you miss an exam, call the teacher **BEFORE** the time of the exam to arrange to make it up. Make up exams may be given if there is good cause. Make up exams will only be allowed when the teachers gives prior permission. **If a test is missed without prior permission, or if the student fails to make up the test by the next class, then the final may (teacher discretion) be counted in place of the exam. Make ups will be given in the Math Resource Lab LF101. It is the student's responsibility to check for times that an instructor will be present to give the exam. You will need to provide a picture ID in order to take a test in the lab.**

HOMEWORK: Homework will be assigned every night. The homework will be completed using Math XL. You will have approximately **two days(2)** to complete your homework.

GROUPWORK CLASSWORK: We will be doing work in class sometimes with a partner. You must be present in order to obtain these points.

STUDYING FOR CLASS: This is a college class and is much different than ones taught in high school. We cover a lot of material and have limited time in class. **You should expect to spend at least two hours studying outside of class for each hour spent in class.** You cannot expect to master the material from just seeing it explained and working in class. An important part of your learning of the material will be the time you spend working out of class.

WITHDRAWALS: The last day to withdraw from class is July 3.

Help Outside of Class:

- **Math Lab:** Location: Life Sciences, Room 101; 941-2670. Students may walk in and use the facilities at any time (free of charge) without an appointment. Tutor schedule is online at <http://www.ius.edu/mathlab/> and the bulletin board by the lab. Computer software from the textbook is installed on each computer.
- **Addison-Wesley Tutor Center:** Addison-Wesley's [Math Tutor Center](#) is staffed by college-level math instructors who can help you with what you're learning by phone, fax, email, or interactive web. Visit the Tutor Center's [registration page](#) to sign up for tutoring. When asked for a registration number, simply provide your MyMathLab course ID or student access code.
<http://www.aw-bc.com/tutorcenter/registration.html>
- **Private Tutors:** Please visit the Student Development Center, Knobview Hall, Room 233, to sign-up for a tutor. Most students get a tutor within 24 hours. The cost is \$5.00 per hour (non-refundable) and must be paid for in advance. For more information go to: <http://www.ius.edu/sdc/main/assist1.htm>
- **Supplemental Instruction:**

Bad Weather Policy: When there is bad weather in the area, a decision is made about whether the campus should be closed or open on a delayed schedule as soon as possible. The decision is independent of the decisions of school corporations and the other colleges in the area. Off-campus classes do not meet if campus is closed or if the school building in which they are held is closed.

Delay Schedule:

Monday through Friday classes:

8 a.m. classes meet from 10 a.m. until 10:55 a.m.

9:30 a.m. classes meet from 11 a.m. until 11:55 a.m.

11 a.m. classes meet from 12 noon until 12:55 p.m.

Other classes meet at regular times.

Saturday Classes:

Morning classes meet from 10:30 a.m. until 12 noon.

Afternoon classes meet at regular times.

TENTATIVE SCHEDULE

DATE	SECTIONS	
6/29 M	Chapter 6	
6/30 T	7.1,7.2,7.3	
7/2 R	7.4,7.5,7.6	
7/6 M	7.6,7.7	
7/7 T	Review 4.2-4.5 & LS	
7/9 R	Exam 1 & Linear Supplement	
7/13 M T	9.1-9.3	
7/14 T	Review & 10.1	
7/16 R	Exam 2 & 10.2	
7/20 M	10.3, 10.4	
7/21 T	10.5, 10.6	
7/23 R	Review & 11.1	
7/27 M	Exam 3 & 11.2	
7/28 T	11.3, 11.4a, 11.4b	
7/ 30 M	Review & 11.4b	
8/3 M	Exam 4	
8/4 T	Review for Final	
8/6 R	FINAL	