

**SYLLABUS M117 FALL 2009**  
**INTERMEDIATE ALGEBRA / FIRST YEAR SEMINAR**

**INSTRUCTOR:** Mildred Vernia    **TIME & LOCATION:** M/W 9:00 AM CV109

**SECTION:** 25480 **OFFICE:** PS 020 A **WEBSITE:** <http://homepages.ius.edu/mavernia/>

**PHONE:**     941-2194, or call me at home 948-1567. Do not hesitate to call me.  
**Please do not call my house after 10:00 PM.**

**OFFICE HOURS:** MW 8-9AM in LF161C.  
                         M/W 1-2PM in the math lab.

**TEXT:** Elementary and Intermediate Algebra, by Carson, Gillespie & Jordan .

**FYS TEXT:** The Success Guide, First-Year Seminar, Edited by Donna Dahlgren and Curtis Peters

**PREREQUISITES:** M007 or placement by exam.

**COURSE DESCRIPTION:** Intermediate Algebra is a continuation of algebra from M007. The material covered in M117 is comparable to the second year of first year high school algebra and part of the second year of algebra.

**The First-Year Seminar** is designed to increase your chances of success at IU Southeast by: familiarizing you with services and resources available at IU Southeast, developing supportive relationships between yourself, faculty and other students, improving your reading and test-taking skills, and increasing your involvement at IU Southeast.

Every degree-seeking student who is a new first-year student or a transfer student with fewer than 26 semester hours accepted, who does not have an associate's degree from an accredited institution, and has not taken an equivalent first-year seminar at another university is required to pass a first-year seminar before becoming a sophomore. Failure to do so places a person on the IU Southeast "check-list," and this means that a person cannot register for further classes or receive a transcript without special permission. ***Do everything you can to complete this class successfully so that you do not have to take another first-year seminar and so that you do not run the risk of being put on the check-list.***

**ALGEBRA GOALS:** After completing this course a student will be able to:

1. Factor polynomials and solve equations by factoring.
2. Add, subtract, multiply and divide rational expressions.
3. Perform operations on rational, exponential and radical expressions.
4. Solve systems of equations, problems and applications.
5. Determine slope and equations of lines.
6. Graph linear and quadratic equations.

**GRADING:** Your points will be divided by the total to get a percentage grade. Attendance will be taken daily. Each day is worth two points.

A 90-100% *	Attendance	56 Points	Event Papers	60 Points
B is 80-89% *	Homework	100 Points	Passport	54 Points
C is 70-79%	Quizzes	100 Points	Surveys	30 Points
D is 60-69%	Tests	400 Points	<b>TOTAL POINTS</b>	<b>1,000</b>
F is 59% and below.	Final Exam	200 Points		

- **Students who score below 60% on the final exam can not receive a grade higher than a C.**

**EVENT PAPERS:** A one paged typed paper is due at the date of each test. The four events must include an intellectual, student life, common experience and cultural event. Each event paper is worth 15 points. Please see me regarding appropriate events.

**PASSPORT:** You will find the passport in the student planner starting on page 4. Each area in the passport must be signed/stamped *along with two functions of that office* filled out in order to get full credit of 54 points. **Passports are due September 21st.** Passports that are turned in late will have four points deducted for each day late.

**HOMEWORK:** Homework will be collected and graded online. There will be four groups of homework (one for each test). Each will be worth 25 points. The website is [www.coursecompass.com](http://www.coursecompass.com). You will have to log on to my course. Your school zip code is 47150. It is a good idea to log on to CourseCompass as **soon as possible** and start doing homework. The course ID is Vernia65173. The name is M117Fall2009.

**QUIZZES:** You will be given approximately 12 quizzes. The lowest two quizzes will be dropped. **THERE ARE NO MAKEUP QUIZZES.** Quizzes will be given on the previous night's homework after homework questions have been answered. Each will be worth 10 points. **They key to scoring well on quizzes is to keep up with your homework!**

**EXAMS:** Four exams will be given. Each will be worth 100 points. Anyone with special needs (disability or medical problems) must discuss this privately with the teacher. Exam dates are listed below, so mark your calendar! If you have to schedule an exam before the exam date, let me know. **Exams taken after the scheduled date will be graded with no partial credit.**

**FINAL:** A comprehensive final will be given. The Final is worth 200 points. The final will count **25%** of your grade. **If you fail the final exam, the maximum course grade possible is a C.**

**WITHDRAWLS:** The last day to withdraw from a class is **September 28th.**

**MATH LAB:** The Math Lab is located in PS 015. The telephone number is 941-2670. The schedule is on the web site at <http://ww.ius.edu/mathlab>.

**WEATHER & CLOSINGS:** Closing Info: 941-2567 or www.ius.edu  
 Delay or closing announcements broadcast over Louisville-area TV and radio.

**TENTATIVE SCHEDULE:**

<b>CLASS</b>	<b>DATE</b>	<b>ALGEBRA SECTION</b>	<b>FYS</b>
1	8/24/09	R.5 and Ch. 6	Chapter#1
2	8/26/09	7.1 and 7.2	Chapter#1
3	8/31/09	7.3 and 7.4	Chapter#2
4	9/02/09	7.5	Chapter#2
	9/07/09	Holiday – No Class	
5	9/09/09	7.6	10:10 Career Services Tour
6	9/14/09	7.7	10:10 Writing Help Center
7	9/16/09	Library Tour – meet in the library lobby at 9:00	
8	9/21/09	TEST#1 Chapter #7	Event Paper Due Passport Due
9	9/23/09	Meet at Vernia House	9:30 AM
10	9/28/09	4.2, 4.3 and 4.4	(Last day to withdraw)
11	9/30/09	4.5	Chapter#3
12	10/05/09	Linear Supplement	Chapter#4
13	10/07/09	4.7	Chapter#5
14	10/12/09	9.1 and 9.2	
15	10/14/09	9.3	Review
16	10/19/09	TEST #2 Chapter #4 and #9	Event Paper Due
17	10/21/09	10.1 and 10.2	(Thanksgiving break 11/25)
18	10/26/09	10.3	Chapter#6
19	10/28/09	10.4 and 10.5	
20	11/02/09	10.6	Chapter#7
21	11/04/09	TEST #3 Chapter #10	Event Paper Due
22	11/09/09	11.1	
23	11/11/09	11.2	Chapter#8
24	11/16/09	11.3	Chapter#9
25	11/18/09	11.4	Chapter#10
26	11/23/09	TEST #4 Chapter #11	Event Paper Due
27	11/30/09	Review	
28	12/02/09	Review	
29	12/09/09	Final Exam	9:30 AM

Grades will be posted on ONCOURSE a few days after the final exam.