

MATH 0120 - Lab for MATH 1320, Mathematics for Social Science I
Fall, 2009

INSTRUCTOR Jorge R Viramontes
CRN 12623 / 12624
TIME TR from 1:30pm to 2:20pm / TR from 12:00pm to 12:50pm
ROOM EDUC 215C
OFFICE EDUC 211-F
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OFFICE HOURS MWF 1:30pm to 2:20pm

MATH 0120 is a lab to support learning of the mathematical concepts, problem solving, and mathematical writing skills encountered in MATH 1320. This lab is 1-credit, **Pass/Fail (S/U)**. It is intended and required for students with certain mathematics placement scores who are concurrently enrolled in MATH 1320. There is a 2-hour per week attendance requirement. See your MATH 1320 syllabus for details. You will note there that if you withdraw from this lab, or are withdrawn by your instructor, you may also be withdrawn from your MATH 1320 section.

To use the lab effectively, bring your MATH 1320 text, syllabus, class notes and assignments, paper, writing instruments and calculator (graphing or scientific) to each lab meeting.

GRADING: To receive a passing grade in the lab (S) you must achieve a final average of 70. The final grade will have two components.

Category	Percentage
Attendance	50%
Quiz Average	50%

ATTENDANCE: Attendance is required. Your attendance grade will be your percent attendance of total lab meetings for the semester. This will count as 50% of your final grade. **If you miss more than four lab meetings you may be withdrawn and a copy of the withdrawal will be sent to the Coordinator for MATH 1320 for withdrawal from that course also.**

QUIZZES: Five announced quizzes will be given during the semester on topics and problems presented in this lab.

DROP POLICY: The deadline for dropping with a W is the same as in your 1320 syllabus. The lab is required and if you drop the lab you may be dropped from 1320 involuntarily. If you drop

1320, you need to also drop the lab separately (it will not be done automatically). Dropping the lab will not be counted as a separate drop against the Texas six drop limit.

ELECTRONIC AND WIRELESS DEVICES: The use of cell phones, pagers, iPods, MP3 players, blue tooth devices, *etc.*, during class is not allowed. Cell phones and pagers should be set to silent or vibrate, and any calls should be taken outside class. Wearing headsets, ear phones or blue tooth devices during class is not allowed.

If you have any questions please ask your lab instructor. If you have further concerns about this lab and its policies, contact the Director of Developmental Mathematics, EDUC 205, 747-6521.

Students requiring accommodations for physical or learning disabilities must make arrangements with the Disabled Student Services Office, 106 East Union, as early as possible. Their number is 747-5148. If you are eligible for accommodations, you are responsible for presenting to your Instructor any DSSO letter and instructions. Please do this by the end of the first week of classes.

MATH 1320 CALENDAR

(MATH 0120 topics and progression will be determined by this standard MATH 1320 course calendar)

Week	Dates	Sections Covered	Events
1	8/24-8/28	1.1 Functions – Algebraic Viewpoint 1.2 Functions – Graphical Viewpoint 1.3 Linear Equations	
2	8/31 – 9/4	1.3 Linear Equations (Continued) 1.4 Linear Models 1.5 Linear Regression	
3	9/7 – 9/11	1.5 Linear Regression (Continued) 9.1 Quadratic Functions & Models	No Classes – Monday(9/7) Census Day – Wednesday(9/9)
4	9/14 – 9/18	9.1 Quadratic Functions & Models(Continued) 9.2 Exponential Functions	
5	9/21 – 9/25	9.2 Exponential Functions (Continued) 9.3 Logarithmic Functions	
6	9/28 – 10/2	2.1 Systems of 2 Eqns/2 Unknowns 2.2 Using Matrices to Solve Systems	
7	10/5 – 10/9	2.3 Applications of Systems of Eqns 5.1 Simple Interest	
8	10/12 – 10/16	5.2 Compound Interest 5.3 Sinking Funds, Annuities and Loans	
9	10/19 – 10/23	5.3 (Continued) Annuities and Loans	
10	10/26 – 10/30	6.1 Sets and Set Operations 6.2 Cardinality 6.3 Addition & Mult. Principles	Drop Deadline – Friday(10/30)
11	11/2 – 11/6	6.3 Addition & Mult. Principles(Continued) 6.4 Permutation & Combinations	
12	11/9 – 11/13	7.1 Sample Spaces & Events 7.2 Est. & Theoretical Probabilities	
13	11/16 – 11/20	7.3 Properties of Prob. Distributions 7.4 Prob. & Counting Techniques	
14	11/23 – 11/27	7.4 Prob. & Counting Techniques 7.5 Conditional Probability	No Classes – Th, Fri(11/26,27)
15	11/30 – 12/4	7.6 Bayes' Theorem & Applications	No Classes – Fri (12/4)