Spring 2019
Tue. / Thur.

MATH 0314/1314
Tentative Class Schedule

Prof. Langford
Office: LH125 PRC

Week	Date	Sections	HW/Labs Due	Notes
1	1/22	Introduction Syllabus IA R3, R4 Order of Operations & Simplifying Algebraic Expressions IA 1.1 Linear Equations in One Variable	2 ConnectMath & 1 ALEKS Registrations (1/23)	**Bring a TI 83/84 calculator to each class meeting**
1	1/24	IA 1.2 Applications of Linear Equations in One Variable IA 1.3 Applications to Geometry and Linear Equations IA 1.4 Inequalities and Interval Notation	**ALEKS (Initial Assessment)** **HW IA R3, R4, 1.1 (1/25)** **HW IA 1.2, 1.3 (1/27)**	
2	1/29	IA 2.1, 2.2 Graphing Linear Equations in Two Variables & Slope IA 2.3 Equations of a Line IA 2.5, 2.6 & CA 2.3, 2.4 Functions, Domain, and Range	**HW IA 1.4, 2.1, 2.2 (1/30)**	**Printed Syllabus** due at beginning of class
2	1/31	IA 2.5, 2.6 & CA 2.3, 2.4 Functions, Domain, and Range IA 4.1 Properties of Exponents	**HW IA 2.3, 2.5, 2.6, CA 2.3, 2.4 (2/3)**	
3	2/5	**Module 1 Test - Linear Expressions, Equations, and Functions** IA 4.2 Additiona and Subtraction of Polynomials IA 4.3 Multiplication of Polynomials IA 4.5 Greatest Common Factor and Factoring by Grouping	**HW IA 4.1 (2/5)** **Lab 1 (2/5) - 80% or higher** **HW IA 4.2 (2/6)**	**Module 1 Test by Thur, 2/7** **Census Date (2/4)**
3	2/7	IA 4.5 Greatest Common Factor and Factoring by Grouping IA 4.6 Factoring Trinomials IA 4.7 Factoring Binomials	**HW IA 4.3, 4.5, 4.6 (2/10)**	
4	2/12	IA 6.1 Radical Expressions IA 6.2 Rational Exponents IA 6.3 Simplifying Radical Expressions	**HW IA 4.7, 6.1 (2/13)**	Module 1 Test Extra Credit due
4	2/14	IA 6.3 Simplifying Radical Expressions IA 6.4 Addition and Subtraction of Radicals IA 6.5 Multiplication of Radicals	**HW IA 6.2, 6.3, 6.4 (2/17)**	

Spring 2019
Tue. / Thur.

MATH 0314/1314
Tentative Class Schedule

Prof. Langford
Office: LH125 PRC

5	2/19	IA 6.6 Division of Radicals IA 6.8 Complex Numbers **Module 2 Test - Quadratic and Radical Equations** IA 4.8 Solving Equations by Factoring	HW IA 6.5, 6.6, 6.8 (2/20)	**Module 2 Test by Sat, 2/23**
5	2/21	IA 4.8 Solving Equations by Factoring IA 7.1 Square Root Property IA 7.2 Quadratic Formula	**Lab 2 (2/21) - 80% or higher** HW IA 4.8, 7.1 (2/24)	
6	2/26	IA 6.7 Solving Radical Equations CA 3.1 & 2.6 Quadratic Functions and Applications	HW IA 7.2, 6.7 (2/27)	Module 2 Test Extra Credit due
6	2/28	CA 3.1 & 2.6 Quadratic Functions and Applications	HW CA 3.1, 2.6 (3/2) **Lab 3 (3/4) - 80% or higher**	
7	3/5	CA 2.3 Functions (Domain & Graphs ONLY) **Module 3 Test - Quadratic and Radical Equations and Functions** CA 3.2 Introduction to Polynomial Functions	HW CA 2.3 (3/6)	**Module 3 Test by Thur, 3/7**
7	3/7	CA 3.2 Introduction to Polynomial Functions CA 3.3 Division of Polynomials and the Remainder and Factor Theorems	HW CA 3.2 (3/9)	Module 3 Test Extra Credit due
	3/12	**Spring Break (NO CLASSES)**		
	3/14	**Spring Break (NO CLASSES)**		
8	3/19	CA 3.4 Zeros of Polynomials IA 5.1 Rational Expressions and Rational Functions IA 5.2 Multiplication and Division of Rational Expressions	HW CA 3.3 (3/20)	
8	3/21	IA 5.2 Multiplication and Division of Rational Expressions IA 5.3 Addition and Subtraction of Rational Expressions IA 5.4 Complex Fractions	HW CA 3.4, IA 5.1, 5.2 (3/24)	**Last Day to Withdraw (3/22)**
9	3/26	IA 5.5, 5.6 Solving Rational Equations and Applications CA 3.5 Rational Functions	HW IA 5.3, 5.4 (3/27)	
9	3/28	CA 3.5 Rational Functions **Module 4 Test - Polynomial and Rational Functions** IA 1.6, 2.7 & CA 2.3 Absolute Value Equations and Functions	HW IA 5.5, 5.6 (3/28) HW CA 3.5 (3/29)	**Module 4 Test by Mon, 4/1**

Spring 2019
Tue. / Thur.

MATH 0314/1314
Tentative Class Schedule

Prof. Langford
Office: LH125 PRC

10	4/2	CA 2.6 Transformations of Graphs CA 2.7 Analyzing Graphs of Functions and Piecewise-Defined Functions	**Lab 4 (4/2)*** **HW IA 1.6, 2.7 & CA 2.3 (4/3)**	Module 4 Test Extra Credit due
10	4/4	CA 2.7 Analyzing Graphs of Functions and Piecewise-Defined Functions CA 2.8 Algebra of Functions and Function Composition	**HW CA 2.6, 2.7 (4/7)**	
11	4/9	CA 4.1 Inverse Functions **Module 5 Test - Common Functions** CA 4.2 Exponential Functions	**HW CA 2.8 (4/9)** **HW CA 4.1 (4/10)**	**Module 5 Test by Sat, 4/13**
11	4/11	CA 4.2 Exponential Functions CA 4.3 Logarithmic Functions	**HW CA 4.2 (4/14)**	
12	4/16	CA 4.4 Properties of Logarithms	**Lab 5 (4/16)*** **HW CA 4.3 (4/17)**	Module 5 Test Extra Credit due
12	4/18	CA 4.5 Exponential and Logarithmic Equations	**HW CA 4.4 (4/21)**	
13	4/23	CA 4.6 Modeling with Exponential and Logarithmic Functions **Module 6 Test - Exp. & Log Expressions, Equations, and Functions** IA 3.1 System of Equations in Two Variables	**HW CA 4.5 (4/23)** **HW CA 4.6 (4/24)**	**Module 6 Test by Sat, 4/27**
13	4/25	IA 3.1 System of Equations in Two Variables IA 3.2 Solving by Substitution IA 3.3 Solving by Elimination IA 3.4 Solving Applied Problems: Two Equations CA 6.1 Solving Systems of Linear Equations Using Matrices	**HW IA 3.1 (4/28)**	
14	4/30	CA 6.1 Solving Systems of Linear Equations Using Matrices CA 6.2 Inconsistent Systems and Dependent Equations	**Lab 6 (4/30)*** **HW IA 3.2, 3.3, 3.4, CA 6.1 (5/1)**	Module 6 Test Extra Credit due
14	5/2	CA 8.1 Sequences and Series CA 8.2 Arithmetic Sequences and Series	**HW CA 6.2, 8.1 (5/5)**	

Spring 2019
Tue. / Thur.

MATH 0314/1314
Tentative Class Schedule

Prof. Langford
Office: LH125 PRC

15	5/7	CA 8.3 Geometric Sequences and Series **Module 7 Test - Systems, Sequences & Series**	HW CA 8.2, 8.3 (5/8)	**Module 7 Test by Fri, 5/10**
15	5/9	Review for Final Exam	**Lab 7 (5/9)*** **SI/T Log (5/9)***	Module 7 Test Extra Credit due
16	5/14	**NO CLASS**		
16	5/16	**Comprehensive Final Exam for Math 1314.P10 (11:30AM - 1:30PM)**		**In-class Final**

Lab #	Sections
Lab 1	Module 1 (ALEKS)
Lab 2	Module 2 (ALEKS)
Lab 3	Module 3 (ALEKS)
Lab 4	Module 4 (Canvas) due at beginning of class*
Lab 5	Module 5 (Canvas) due at beginning of class*
Lab 6	Module 6 (Canvas) due at beginning of class*
Lab7	Module 7 (Canvas) due at beginning of class*
Lab 8	SI/T Log due at beginning of class*