

Abstract Algebra, Spring 2014, Unit 2 Plan

Mon	Wed	Fri
Feb 24, 2014	Feb 26, 2014	Feb 28, 2014
2.2 Binomial Theorem W 2.2.32 Prepare for exam	Exam 1 D 3.1: 2, 3, 8 R 3.2 (up to p 97), RQ	3.1 Classical Formulas W 3.1.5 D 3.2: 21, 22, 23, 27 R 3.2, RQ
Mar 3, 2014	Mar 5, 2014	Mar 7, 2014
3.2 Complex Numbers-I W 3.2.26 D 3.2: 35, 39, 40, 41 R 3.3 & 3.4 p 119-122, RQ	3.2 Complex Numbers-I W 3.2.42 D 3.3 & 3.4: 50, 52, 71, 73 R 4.1, RQ	3.3 Roots and Powers & 3.4 Gaussian and Eisenstein Integers W 3.3.56 D 4.1: 1, 2, 3, 4, 6, 14 R 4.2, RQ
Mar 10, 2014	Mar 12, 2014	Mar 14, 2014
4.1 Congruence-I W 4.1.7 D 4.1: 16, 4.2: 25, 26 R 4.3 up to p 164, RQ	4.1-II CRT, 4.2 Public Key Codes Quiz 2 (Congruence) W 4.2.27 D 4.3: 32, 36, 37, 42, 44 R 4.3 (finish) & 4.5 p 185, RQ	4.3 Commutative Rings-I W 4.3.45 D 4.3: 46, 47, 49, 56, 60(i) R 5.1, RQ
Mar 17, 2014	Mar 19, 2014	Mar 21, 2014
4.3 Commutative Rings-II W 4.3.59 D 5.1: 2, 5, 6 R 5.2, RQ	5.1 Domains and Fraction Fields W 5.1.7 D 5.2: 8, 14, 17, 26, 28 R A.1, 5.3 up to p 216, RQ	5.2 Polynomials W 5.2.11 D 5.3: 29, 30(i), 37 R 5.3 (finish), RQ
Mar 24, 2014	Mar 26, 2014	Mar 28, 2014
Spring Break	Spring Break	Spring Break
Mar 31, 2014	Apr 2, 2014	Apr 4, 2014
5.3 Homomorphisms-I W 5.3.31(i) D 5.3: 45, 47, 48, 49, 50, R 6.1, RQ	5.3 Homomorphisms-II W 5.3.51 Prepare for exam	Exam 2 D 6.1: TBA R 6.1, RQ