

Abstract Algebra, Spring 2014, Unit 3 Plan

Mon	Wed	Fri
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 up to p 246, RQ	5.3 Homomorphisms-II W 5.3.51 Prepare for exam	Exam 2 D 6.1: 2, 7, 10, 16 R 6.1 (finish), RQ
Apr 7, 2014	Apr 9, 2014	Apr 11, 2014
6.1 Parallels to \mathbb{Z} -I W 6.1.19 D 6.1: 25, 29, 30, 32(i)(ii) R 6.2, RQ	6.1 Parallels to \mathbb{Z} -II W 6.1.26* D 6.2: (4.55(ii)), 35, 37(i), 40, 49(i), 50 R 7.1, RQ	6.2 Irreducibility W 6.2.54 D 7.1: 2, 6, 7, 17, 18 R 7.2 up to p 292, RQ
Apr 14, 2014	Apr 16, 2014	Apr 18, 2014
7.1 Quotient Rings W 7.1.19 D 7.2: 25, 27, 29 R 7.2 up to p 299, RQ	7.2 Field Theory-I W 7.2.30 D 7.2: 31, 32, 33 R 7.2 (finish), RQ	Good Friday <i>No class</i>
Apr 21, 2014	Apr 23, 2014	Apr 25, 2014
Easter Monday <i>No class</i>	7.2 Field Theory-II <i>Last day to withdraw</i> W 7.2.36 D 7.2: 41, 42, 45, (46) R 8.1, RQ	7.2 Field Theory-III W 7.2.39* D 8.1: 1, 2, 5, 7 R 8.2 up to p 343, RQ
Apr 28, 2014	Apr 30, 2014	May 2, 2014
8.1 Arithmetic in Gaussian and Eisenstein Integers W 8.1.6 D 8.2: 8*, 10, 11, 15, R 8.3 (finish), RQ	8.2 Primes in the Gaussian Integers W 8.2.9 D 8.2: 18, 22, 26(i)-(iv) R 8.3, RQ	8.2 Primes in the Eisenstein Integers W 8.2.20 D 8.3: 30, 31, 33 R 8.4, RQ
May 5, 2014	May 7, 2014	May 9, 2014
8.3 Fermat's Last Theorem for Exponent 3 W 8.3.32 D 8.4: 38, 45, 46 R 9.1, 9.2, RQ	8.4 Approaches to the General Case W 8.4.47 Prepare for exam	Exam 3 R 9.3, 9.4, RQ