

Dr. Emma Norbrothen Wright  
Plymouth State University  
2016 MA4140 Schedule

		Day	Date	Section	Title
1	1	M	1/25	1.1	Intro to Dihedral Groups
	2	W	1/27	2.1	Intro to Binary Operations
	3	F	1/29	2.2	Some Important Elements
2	4	M	2/1	3.1	Intro to Groups
	5	W	2/3	3.2	Basic Properties of Groups
	6	F	2/5	3.3	Subgroups
3	7	M	2/8	3.4	Permutation Groups
		W	2/10		<i>NO CLASS - Winter Carnival</i>
	8	F	2/12	3.4	Permutation Groups
4	9	M	2/15	3.5	Some Important Subgroups
	10	W	2/17		<b>Test 1</b>
	11	F	2/19	3.6	Cyclic Groups and Subgroups
5	12	M	2/22	3.6	Cyclic Groups and Subgroups
		W	2/24		<i>NO CLASS - Snow Day</i>
	13	F	2/26	3.6	Cyclic Groups and Subgroups
6	14	M	2/29	4.1	Homomorphisms
	15	W	3/2	4.1	Homomorphisms
	16	F	3/4	4.2	Isomorphisms
7	17	M	3/7	4.2	Isomorphisms
	18	W	3/9		<b>Test 2</b>
	19	F	3/11	5.1	Cosets
		M	3/14		<i>NO CLASS - Spring Break</i>
		W	3/16		<i>NO CLASS - Spring Break</i>
		F	3/18		<i>NO CLASS - Spring Break</i>
8	21	M	3/21	5.2	Lagrange's Theorem
	22	W	3/23	6.1	External Direct Products
	23	F	3/25	6.2	Normal Subgroups
9	24	M	3/28	6.3	Quotient Groups
	25	W	3/30	6.4	The Isomorphism Theorems
	26	F	4/1	6.4	The Isomorphism Theorems
10	27	M	4/4	7.1	Introduction to Rings
	28	W	4/6	7.2	Subrings
	29	F	4/8	7.3	Integral Domains
11		M	4/11		<i>NO CLASS - Optional</i>
	30	W	4/13		<b>Test 3</b>
	31	F	4/15	7.4	Ideals
12	32	M	4/18	7.4	Ideals
	33	W	4/20	7.5	Fields
	34	F	4/22	7.6	Characteristic of a Ring
13	35	M	4/25	7.7	Quotient Rings
	36	W	4/27	7.8	Ring Homomorphisms
	37	F	4/29	8.1	Polynomial Rings
14	38	M	5/2	8.2	Factorization
	39	W	5/4		Review
	40	F	5/6		Review
		M	5/9		<b>Final Exam @ 8-10:30am</b>
		Th	5/12		<b>Final Portfolio @ 4pm</b>