

Fall, 1998
Peterson

MATH 124.

SUGGESTED EXERCISES FOR CHAPTER 3.

<u>DATE .</u>	<u>TEXT SECTION.</u>	<u>SUGGESTED EXERCISES.</u>
Tuesday, March 2. Wednesday, March 3.	3.1.	<u>PAGE 155:</u> (U) 1,3,7. (M) 11,13,15,19,21,23,35,39,41,57,63.
Thursday, March 4.	Review for Exam 1.	
Friday, March 5.	EXAM 1.	Finish work on the above problems.
Monday, March 8. Tuesday, March 9.	3.2.	<u>PAGE 167:</u> (U) 1,3,7. (M) 1,5,9,11,15,19,25,29,31,33,35.
Wednesday, March 10. Thursday, March 11.	3.3.	<u>PAGE 177:</u> (U) 1,9 (M) 1,7,9,13,17,21,25,61,63,67.

OBJECTIVES:

1. To review polynomial division and its significance.
2. To use the division algorithm and the factor theorem to factor polynomials.
3. To learn the rational root test.
4. To find approximation solutions for roots of polynomials and intersections of graphs.
5. To find exact values for real and complex number solutions to polynomial equations.
6. To look at optimization problems involving polynomial functions.