Math 654 (in Semester 112)

"Advanced Topics in Algebra"

by Jawad Abuhlail

Text Book: David Eisenbud, *Commutative Algebra: with a View toward Algebraic Geometry* (Graduate Texts in Mathematics), Springer (2004).

Final Exam (due May 20, 2012)

- Solve 12 problems of:

2.4, 2.5, 2.12, 2.13, 2,21, 2.24, 2.25

3.1, 3.4, 3.10, 3.12, 3.15, 3.16, 3.17, 3.18, 3.19. 3.20

- Solve 8 problems from the following (including at least 3 from Chapter 3):

2.2, 2.3, 2.6, 2.7, 2.8, 2,9, 2.10, 2.12, 2.19, 2.20, 2.22, 2.23, 2.26, 2.27

3.2, 3.3, 3.6, 3.7, 3.8, 3.9, 3.11, 3.14