



You should be familiar with the following topics and be able to use them to set up and solve mathematical models of real world problems.

Rational Expressions and Functions: Multiplying and Dividing  
Adding and Subtracting Rational Expressions  
Complex Rational Expressions  
Division of Polynomials  
Synthetic Division and the Remainder Theorem  
Rational Equations  
Formulas and Applications of Rational Equations  
Modeling Using Variation

Radical Expressions and Functions  
Rational Exponents  
Multiplying and Simplifying Radical Expressions  
Adding, Subtracting, and Dividing Radical Expressions  
Multiplying  $w^{3.593} 4d^{( )} Tj02 Tc 0.00i.766c(p)-1.718.9 (e)5.2 ( )0.7 (7)5.2ha(o)4.2 (n )0.70$



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40%  
20%  
40%

A: 90 – 100; B: 80 – 89; C: 70 – 79; D: 60 – 69; F: Below 60

Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course bo e n thp(i)2.6 (c)-2 ( )0.7 (sv)0.7 (sv)0.7