Sections marked in red are being removed from the course. Section 4.7 follows Sections 7.1 and 7.3, in order to incorporate Annuities (Sinking funds, loan amortization, loan payments) into the discussion of compound interest. An annuity is a sequence of fixed payments into an interest-bearing account. When banks loan you money, they're buying an annuity from you.

| Test 3 Deadline 10/15 - Available 10/13 <br> Turn in Writing Project \#3 when you take your test. |  |  |
| :---: | :---: | :---: |
| 4.1 | Composite Functions |  |
| 4.2 | One-to-One Functions; Inverse Functions |  |
| 4.3 | Exponential Functions |  |
| 4.4 | Logarithmic Functions |  |
| 4.5 | Properties of Logarithms |  |
| 4.6 | Logarithmic and Exponential Equations |  |
| 7.1 | Sequences, Geometric Sequences |  |
| 7.3 | Geometric Series |  |
| 4.7 | Compound Interest |  |
| 6.1$\quad$ Test 4 Deadline 11/20 - Available 11/16 |  |  |
| 6.2 | Systems of Linear Equations: Substitution and Elimination |  |
| 6.4 | Systems of Linear Equations: Matrices |  |
| 6.7 | Matrix Algebra |  |
| 8.2 | Systems of Inequalities |  |
| 7.5 | Permutations and Combinations |  |
| 8.3 | Binomial Theorem |  |
| Final Test Deadline 12/5 Turn in Writing Project \#4 when you take your test. |  |  |

