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| *Approved: April 2015* | *Effective: WINTER 2016* |
| **MATERIAL TO BE COVERED** | **SECTIONS FROM TEXT** | **TIME LINE** |
| Linear equations in two variables - graphing, slope. Writing linear equations. Functions. | 4.1 - 4.6 | 9.5 Hours |
| Solving linear systems by graphing, substitution and elimination methods. Applications of linear systems. Linear Inequalities in two variables. Optional: solving systems of linear inequalities. | 5.1 - 5.5 | 7.5 Hours |
| Roots and radicals - evaluating, operations and simplifying. Rationalizing denominators. Solving equations with radicals. Rational exponents. | 9.1 - 9.7 | 12 Hours |
| Solving quadratic equations by the square root property, completing the square and quadratic formula, (summary of different methods). Optional: Complex numbers. Optional: Graphing quadratic equations. | 10.1 - 10.3 Optional: 10.4-10.5 | 7.5 Hours |
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| 3-unit class: hours total 42.5 (15 x 2 hours 50 minutes) – hours for exams + 2.5 hour finalThis outline allows for 3 hours of exams.This outline allows for 4 hours of review.**FINAL EXAM COVERS CHAPTERS 1 - 10** |
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| Submitted by: Birca, Chavez, Khoddam, Kim, Nitta, Peng, Sun, Tamayo, Terreri, Vazquez Celaya, WakefieldMath Department Policy can be found at: https://mtsac.instructure.com/courses/33990/files?preview=1988385 |