

CHEM 255 Exam 1 2011

Exam covers through 3/1/11 lecture
Exam covers reading in Ch. 3,4,6,7,8.1-8.4

Possible Exam Topics

1. Significant Figures
2. Mean, Standard Deviation
3. Propagation of Uncertainty
4. Linear Regression
5. T-test
6. Grubbs-test
7. Confidence levels
8. Area Beneath a Gaussian Curve
9. Equilibria
10. Solubility
11. Common Ion Effect
12. Ionic Strength
13. Activity Coefficients
14. Monoprotic acids and bases-equilibrium
15. pH determination
16. Mass Balance
17. Charge Balance
18. Fraction of Association
19. Fraction of Dissociation