<u>Foundation Exam Review Class Lesson Plan – Week 5 (November 13, 2014)</u>
<u>Location: CB1-320 3, 3 – 4 PM</u>

1) (40 min) Counting

    a) Multiplication principle: factorial vs power
    b) Combining adding and multiplying (May 13)
    c) Subtraction Principle (Dec 13, Aug 11, May 10)
    d) Combinations with repetitions (Aug 2014, may 11)
    e) Gaps idea – permutations with no consecutive vowels
    f) Super letter idea (Aug 12)
    g) Inclusion-Exclusion Principle (May 12)

2) (20 min) Probability (all exams from Dec 12 on)

    a) Sample Space
    b) Independent Events
    c) Probability Trees
    d) Conditional Probabilities
    e) Bayes' Law