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Karen Holmes* (kholmes@butler.edu). *Win, Lose, or Draw: An Analytical Reasoning Course at Butler University.*

Win, Lose, or Draw is a course created to fulfill the Analytical Reasoning requirement in the core at Butler University with the idea that the course would be student discovery based. To that end this course has a workbook with 26 group activities linking mathematics with games. Each class starts off explaining the day's activity and then, in groups of four, the students work together on the activity for the day. There are four days where lecture is the main part of the class, but the rest of the semester is group work. The math we do in class varies from logic puzzles, Venn diagrams, and combinatorics to conditional probability and independence. The talk will consist of several examples of group work from the workbook and will then focus mainly on the exercise Dice Games: Risk and Craps. (Received June 24, 2013)