

1145-N1-2508 **Lesley W. Wiglesworth*** (lesley.wiglesworth@centre.edu), 600 W. Walnut Street, Danville, KY 40422. *Exploring the Mathematics and Impacts of Gambling.*

Examples of glorified gambling fill popular culture and film, often causing a false perception of the gaming industry in first-year students' minds. In this talk, we reflect on a First-Year Seminar designed to analyze the probability and odds of casino games as well as the social and economic impact of the gaming industry. We will discuss the structure of the course and effective course assignments as well as detail examples of special learning opportunities and experiences such as field trips, readings, guest speakers, and occasions that allow first-year students to interact with people gambling. The evolution of the course and adjustments made to better meet student learning objectives and goals will also be discussed. (Received September 25, 2018)