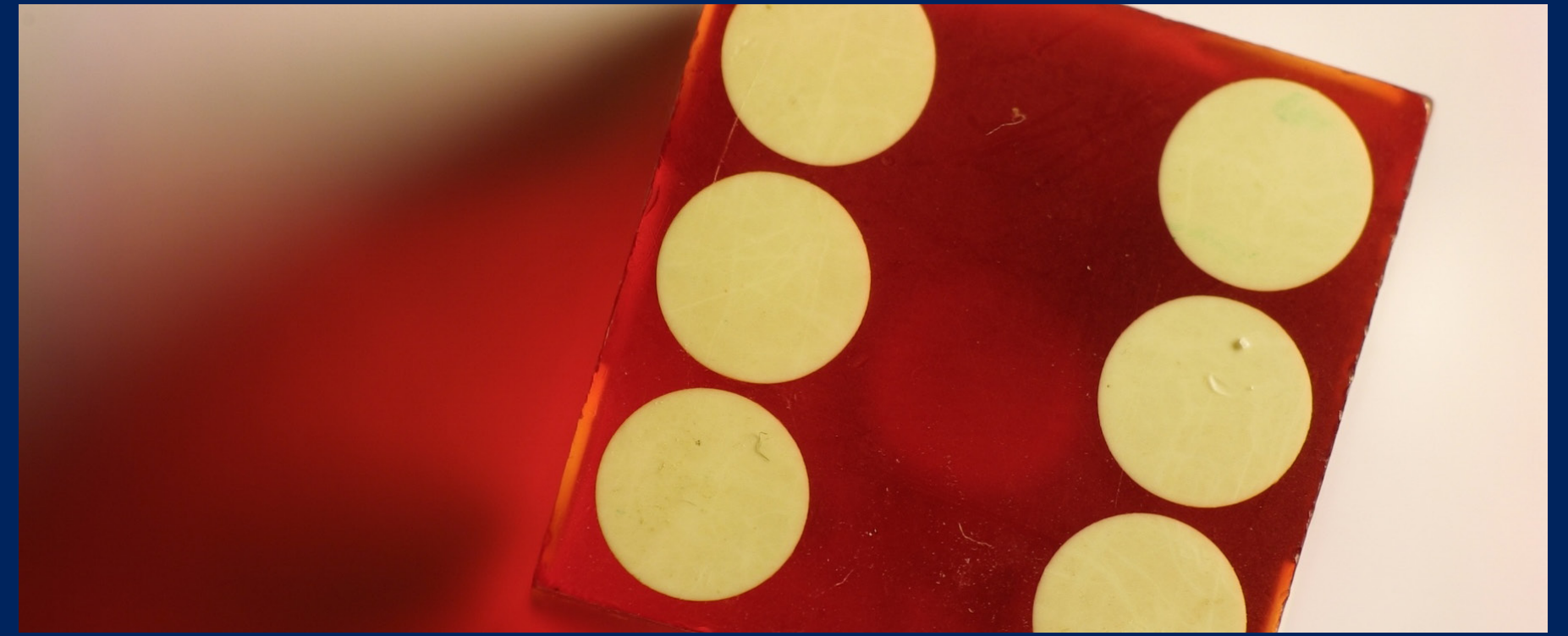


Quantitative Methods and Application to Casino Gaming

Combining both online and classroom instruction, the Executive Graduate Certificate Program in Gaming Management is designed to enhance the skills and knowledge of students worldwide.

Designed specifically for:

- Executives in the Gaming Industry
- Graduate level students
- Others who have a moderate to strong mathematical background with an interest in the mathematics behind gambling games and strategies



Topics:

- Quantitative methods applied to casino games and wagers
- House advantage and volatility in games
- Independent events: table games, video poker, slot machines
- Dependent events: baccarat, blackjack
- Blackjack: basic strategy and card counting
- Other wagers and gambler's fallacies
- Casino game analysis, approach and application
- Pricing the games
- Evaluating rule changes
- Evaluating promotions
- Evaluating player value
- New game design
- Advantage play
- Game theory and applications in the gambling world

Instructor:

Dr. Olaf Vancura, former professor at the Harvard Smithsonian Center for Astro Physics, and author of Smart Casino Gambling and co-author of Knock-Out Blackjack.

When and Where:

May 25 – June 5, 2009 at Lake Tahoe and Reno, Nevada USA. There will be online pre- and post- course work that will wrap up by the end of July 2009.

Fee:

The fee is U.S. \$3000 per course, which includes course books and materials, refreshment breaks, and various social activities. Participants are responsible for expenses related to airline and other transportation for on-site instruction, as well as accommodation, passport and/or visa fees, meals and other incidental expenses.

Sponsoring universities:

College of Business
Institute for the Study of Gambling & Commercial Gaming
University of Nevada, Reno

Faculty of Business Administration
Institute for the Study of Commercial Gaming
University of Macau

Faculty of Economics
University of Ljubljana

For more information contact:

Judy A. Cornelius, Associate Director
Institute for the Study of Gambling &
Commercial Gaming
College of Business
University of Nevada, Reno
Email: judyc@unr.edu
www.unr.edu/gaming
Phone: 775-784-1442

Business is more than you think

COLLEGE OF BUSINESS

www.business.unr.edu

N

University of Nevada, Reno