INSTRUCTOR Lille Boosey Page 3 of 4

DATE 2/9/17 URSE <u>ECO3054</u> Ellsberg Paradox: objective probability (risks)

- Integendence Axiom in VN-M expected utility challenges

- lifterent poblem arise when we consider
subjective uncertainty

- Ellsberg's problem Urn 1: 50 red balls, 50 black balls Urn 2: 100 red or black balls, but proportion of One ball will be drawn frozesch ur, aut the color inspected. Front consider the ball drawn from Would On prefer Cor & indifferent extincent 200 grant or I would for the form urn 1 each color is unknown. 5100 if black from Um 1 Next consider the ball drawn from Urn 2. would you prefer (or be indifferent between \$100 if red from Um 2 \$100 if black from Um 2 Consider a gamble defined on each event, so that you receive \$100 if the event occurs and \$0 if it doesn't. Which of the following gambles would you prefer \$100 if red from Urn 1? or \$100 if red from Urn 2?