COURSE: PHIL 3213, Inductive Reasoning: CRN 17685  
CLASSROOM: LA 115, MWF 10:00 a.m. – 10:50 a.m.  
PREREQUISITES: Three hours of philosophy or junior standing.  
INSTRUCTOR: Dr. Rick Chew, Associate Professor of Humanities and Philosophy  
OFFICE: Liberal Arts, Rm. 205E  
OFFICE HOURS: MWF, 11-12, 1:30-3:30; by appointment  
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COURSE DESCRIPTION: An inquiry into such matters as probability, casual relationships, methods in formulating and verifying hypotheses, and related issues in inductive reasoning and investigation.

COURSE OBJECTIVES: This course is designed as an introductory course to the study of inductive reasoning. The successful student will become familiar with the structure of arguments in general, inductive arguments specifically, probability theory, samples and correlations, evaluating hypotheses and assessing risks. The successful student will learn how to incorporate several different inductive techniques to improve their problem solving skills.

COURSE METHODS: This course is designed to help students learn to apply inductive techniques to different types of problems. Learning these techniques is best facilitated by daily practice. To that end, daily homework will be the norm. In order for students to be successful in developing these thinking habits, they will need to read assignments before class, to outline reading materials and interesting issues raised by those materials, to attend class, to take notes, to participate in in-class discussions and to study for examinations.

METHOD OF EVALUATION: The evaluation will be based upon three different criteria:  
Examinations: Three examinations worth 100 points each. The third exam will occur during finals week (Friday, December 14, 2010 @ 9:00 a.m. – 10:50 a.m.) but the exam will not be cumulative.  
Homework: Numerous homework assignments during the semester, including several short papers incorporating different forms of inductive reasoning; total of 200 possible points.

GRADING SCALE: There are a total of 500 possible points. The following grading scale will be used for this course: A = 450-500; B = 400-449; C = 350-399; D = 300-349; and, F = 001-299.

CLASS ATTENDANCE: Your attendance is expected and required. Attendance for less than the entire class period constitutes an absence. You have three unexcused absences without penalty, thereafter each unexcused absence is a 10 point deduction. Excused absences require written documentation acceptable to me.
MAKEUP EXAMS AND LATE WORK: A makeup exam will occur on the class period immediately following the exam for students with a written medical exam acceptable to me. There will be no other makeup exams. Late daily homework may be accepted, at my discretion, at half credit.

CLASS ATTENDANCE: Your attendance is expected and required. Students are expected to arrive at the classroom on time and stay for the entire period; attendance for less than the entire class period constitutes an absence. You have three unexcused absences without penalty (if you have someone turn in your written homework), thereafter each unexcused absence is a 10 point deduction (in addition to the lost of points for not turning in the written assignment). Excused absences require written documentation acceptable to me. If a student must leave prior to the end of the class period due to other unavoidable commitments, e.g., doctor's appointment, job interview, etc., I should be notified prior to the commencement of the class period.

ADMINISTRATIVE MATTERS: I reserve the right to make such modifications to the course requirements and syllabus when conditions indicate. The students may be assured that any such modifications will not be arbitrary or capricious.

Students are expected to turn off cell phones, pages, and any similar devices immediately prior to the class commencing. Any student texting during class will be excused from the class. Readmission to the class will not be allowed without receiving my permission to be readmitted to the class. A second violation will automatically constitute permanent dismissal from the class. The use of a cell phone, or the positioning of a cell phone so that it is available for use, during a test, will result in a zero on that test and possible expulsion from the class and/or the university. Other than during a test, if some emergency requires you to be on call, see me ahead of time and you will still be required to disable the ability of these devices to make distracting noises during the class period.

CLASS DISRUPTION WARNING: Each student should avoid disturbing others and their opportunity to learn during the class. Any classroom conduct which in my evaluation disrupts my ability to teach or any other student's ability to learn will (a) probably get a disapproving glance from me (your only warning) and (b) the offending student(s) will thereafter be excused from the class. Readmission to the class will not be allowed without scheduling and attending a private meeting with me and as a result of those discussions receiving my permission to be readmitted to the class. If readmitted, a second violation will automatically constitute permanent dismissal from the class.

TRANSFORMATIONAL LEARNING OUTCOMES: University of Central Oklahoma is a learning-centered organization committed to transformative education through active engagement in the teaching-learning interchange, scholarly and creative pursuits, leadership, global competency, healthy lifestyles, and service to others. This course addresses problem solving, global and cultural competencies and leadership.