INTRODUCTION TO QUANTITATIVE METHODS IN ANTHROPOLOGICAL RESEARCH

INSTRUCTOR: Dr. Eric Roth

COURSE DESCRIPTION AND OBJECTIVES

This course is designed for students with no previous exposure to quantitative data analysis, but who want to be able to perform statistical analyses and to read and understand papers reporting statistical tests and results. Course format consists of lectures and a computer lab. In both venues the goal is to familiarize students with the theory and application of quantitative data analysis, which allows them to ask a wider range of research questions. Lack of familiarity with this form of analysis is expected, as per the Corner Gas theme song, “You don’t know the same things I don’t know”.

SKILLS DEVELOPMENT

By the end of this course students will be able to perform statistical analyses and understand papers reporting statistical tests and results. They will know how to code, run and analyze data in the Statistical Analysis System (SAS®), and interpret results for both continuous data (for example height, weight) and frequencies (for example gender, sexual orientation).