Following completion of this course, students should be able to:

- Define basic terminology and concepts associated with research.
- Describe the steps and decisions involved in planning, designing, and implementing a research study.
- Compute and interpret basic descriptive statistics.
- Identify researchable topics and issues within the field of public health.
- Critically evaluate published research reports.
- Write a research proposal to include introduction, literature review, rationale for the study, description of the design, sample selection, instrumentation/materials, data collection procedures, and data analysis procedures.
Course Format

This course is designed to provide a hybrid experience, including face-to-face meeting times (like a traditional class) and online instruction.

Course Instruction

The course instruction uses the Flipped Classroom model: Prior to each face-to-face session, you will gain exposure to new concepts and material by doing guided readings, watching mini-lecture videos, and completing the required activities online; and during class you will do active work that calls for analysis and/or application of the concepts and material learned prior to class.

Course Requirements

This course consists of 6 units which you will work through together to meet the course objectives. The course requirements are as follows:

Participation: in class activities/discussions are a way for you to engage with each other regarding the course content. Each face to face meeting will have different types of activities, article review will be one of the main activities. In order to get full credit for each activity, you will need to answer a correct and thoughtful response.

Quizzes: each unit, you will be required to complete a quiz related to the unit’s video lectures, reading, discussion and activities. A quiz may consist of multiple choice, true/false, or short answers. Quizzes are timed and you will have only one opportunity to complete the quiz. No midterm or final exam in this course.

Research Proposal: working individually or in a small group (Max. 3 members), you are to propose a study, which you could conceivably implement at some point in the future. The proposal should include an introduction, methodology, and proposed data analyses. The proposal should be written in APA and should be around 8 - 10 pages in length. You will earn 10% of the total grade for the proposal by submitting a draft for each part as shown in the course schedule.

Proposal Presentation: during the last face to face meeting (Sunday 2/10), you will present your proposed study. The presentation should include sufficient information that the other students will have a clear understanding of what you plan to do and why. You will create a research proposal (PowerPoint slides or any another software) to present in the class, which I will provide details for later in the semester.

Open Forum: in online section it is normal to have many questions about things that relate to the course, such as clarification of reading assignments, video lectures, or course materials. Please post these questions in the OPEN FORUM. In open forum, you are encouraged to give answers and help each other. For each clear and comprehensive answer you give, you will receive 1 extra credit point for the course (up to 5 points maximum).

Accommodations Statement

Any student requesting disability accommodation for this class must inform the instructor and give appropriate notice. Students are encouraged to contact Disability Support Services at (970) 351-2289 to certify documentation of disability and to ensure appropriate accommodations are implemented in a timely manner.

Inclusivity Statement

The College of Education and Behavioral Sciences (CEBS) supports an inclusive learning environment where diversity and individual differences are understood, respected, appreciated, and recognized as a source of strength. We expect that students, faculty, administrators and staff within CEBS will respect differences and demonstrate diligence in understanding how other peoples’ perspectives, behaviors, and world views may be different from their own. Please visit the CEBS Diversity and Equity Committee website for more information on UNC’s commitment to diversity (http://www.unco.edu/cebs/diversity).