INF 397C - Understanding Research - MSIS Core course

Instructor

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How to contact me:
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drop by my office without an appointment—I will try to make time for you

Class Meetings

Classroom: UTA 1.208
Time: Tuesdays, 9am to 12pm
Course unique id: 28445
Canvas page: https://utexas.instructure.com/courses/1204405

iSchool description: Survey of the goals, methods, processes, and products of systematic inquiry. Designed to prepare students to critically evaluate information studies research. Three lecture hours a week for one semester.

Prerequisites

Graduate standing in the School of Information. (This is a core course, after all 😊)

Readings

Textbook:
Introduction

“Doing research in the real world is a big challenge because the data we try to work with is often unorganized and the research questions are often hard to formalize.”

“Researchers are often faced with the task of evaluating the quality of research studies and the validity of claims made in them.”

“Unprepared information professionals – indeed, unprepared citizens! – are forced to consider the huge inflow of claims they hear every day, and either accept or reject them based on faith. Prepared professionals and citizens can, instead, consider the methods used and analyze the information on which the claims are made, and evaluate for themselves the likely goodness of the claims.”

“The fundamental goal of this course is to arm you with an appreciation for various ways to conduct research. The course will arm you with an appreciation for various ways to conduct research. The course will arm you with an appreciation for various ways to conduct research. The course will arm you with an appreciation for various ways to conduct research.”

Pedagogy and Organization
Class time will be split between short content-based lectures, reading discussions & debates, group activities, and project work. Lectures will highlight content from assigned readings. The goal is to create a learning environment in the classroom where we raise significant questions, discuss concepts, and develop skills collaboratively. This format requires participation of all class members. Students are expected to:

- Participate actively in all activities
- Attend all class sessions; if a student misses a class, it is her/his responsibility to arrange with another student to obtain all notes, handouts and assignment sheets
- Read all material prior to class; students are expected to use the course readings to inform their classroom participation and enable them to perform the class activities and assignments
- Hand in all deliverables fully and on time. Late submissions will only be accepted as specified in the assignment. For information about addressing emergency situations and university excused absences, please contact the student must contact the instructor as soon as possible. (see also Grading and Policies)
- Educate themselves and their peers. The successful completion of this course and their participation in the information professions depend upon the students' willingness to demonstrate initiative and creativity. Your participation in the professional and personal growth of your colleagues is essential to your success as well as theirs. Such collegiality is at the heart of professional practice. The in-class group activities and discussion of the assignments is designed to encourage this kind of collaboration.
- When needed, ask for additional help from the instructor.

Learning outcomes

At the end of this course, you will be able to:

1. appreciate the significance of ethical and responsible conduct of research
2. evaluate and critique research results (serve the role as a peer or as a referee)
3. articulate the implications of information obtained from research projects
4. compare and contrast the strengths and weaknesses of research methods employed
5. differentiate between data, analysis, and interpretation
6. design data collection instruments
7. design data collection strategies
8. assess the reliability of presented data
9. frame research questions and hypotheses (required for a masters thesis)
10. design research proposals that include qualitative and quantitative methods (required for a masters thesis)

My Personal Goals

In addition to the content-specific objectives, I will do my best to:

- provide opportunities to think deeply and carefully about the topics being discussed in the class
- foster an environment where students all feel welcome and free to share not only their knowledge but concerns and desires about course-related topics
- help develop skills that will be useful to you in your career
- engender a deeper interest in learning that can be pursued beyond this course
- to make you proud of your achievements in this course, and,
- help you enjoy the process!