

## **Syllabus for MSCI 6950**

**CLASS (DAY/TIME):** Regularly scheduled meeting via Zoom or other online media with a frequency of at least once per week.

**INSTRUCTOR:** Dr. Victor R. Prybutok, C.Q.E., C.Q.A., C.M.Q./O.E., PSTAT®

**OFFICE:** ESSC 354

**PHONE:** (940) 565-4767

**E-MAIL:** prybutok@unt.edu

The intent of 6950 is to work with a student on developing the research skills that lead to publication and a completed dissertation. This is accomplished by meeting with the student individually on at least a weekly basis and including them in the established research team that meets weekly as well to accomplish the tasks below.

1. Examine the problem and research question.
2. Expand any prior literature review to better anchor the research question in the discipline specific theory and revise the question(s) as needed.
3. Develop or refine the theoretical model or framework to illustrate the relationships examined in the context of the research question.
4. Determine the methodologies needed to address the research.
5. As appropriate, develop a survey and conduct a pilot, or develop a simulation, or propose a mathematical model.
6. Analyze the data using appropriate multivariate, qualitative analysis, or structural equation modeling as appropriate to the data with software, as needed, that includes, PLS3, SPSS, SAS, NVIVO.
7. Submission of journal articles based on the research
8. Draft and final versions of the dissertation
9. Development of slides to present the dissertation to the committee and academic community.
10. Presentation of the final dissertation defense
11. Upload of the final dissertation into UNT's system