

<p>Course Name: HLTH 252/3.0</p> <p>Introduction to Research Methods</p>	<p>Course Instructor: Dr. Eun-Young Lee</p>	<p>Contact Hours: Lectures: 2 x 1.5 hrs/wk / 12 weeks</p> <p>Prerequisites: Level 2 or above and registration in a KINE or HLTH plan.</p> <p>Corequisite: 3.0 units from STAT 263/3.0; STAT 267/3.0; STAT 367/3.0; COMM 162/3.0; ECON 250/3.0; PSYC 202/3.0; SOCY 211/3.0; BIOL 243/3.0; CHEE 209/3.0; GPHY 247/3.0; KNPE 251/3.0; POLS 285/3.0; NURS 323/3.0, STAM 200/3.0</p> <p>Exclusion: BMED 270/3.0 May not be taken with or after PSYC 203/3.0 BMED 270/3.0 may not substitute for HLTH 252/3.0 in HLTH or KIN degree plans.</p>										
<p>Course Description:</p> <p>This course introduces methods, techniques, and approaches to research in kinesiology and health studies. The course will explore the formulation of research questions, experimental design, interpretation of results, and the use of statistical analysis in experimental research. Ethical issues in research will also be discussed.</p>		<p>Course Texts (Recommended):</p> <p>Creswell JW, Creswell JD (2018) Research Design - Qualitative, Quantitative, and Mixed Methods Approaches. SAGE Publications, Los Angeles, USA.</p> <p>Trochim (2005). Research Methods. The concise Knowledge Base. Atomic Dog Publishing, Cincinnati, USA.</p> <p>Gravetter FJ, Forzano L-AB (2022). Research Methods for the Behavioral Sciences. Cengage, Boston, USA.</p> <p>These textbooks will be used primarily as a supplement to the information presented in lectures. Weekly readings will be posted on onQ – Readings.</p>										
<p>Increasingly, important goals of a university education are to learn how to find information and how to evaluate the quality of that information. HLTH 252 will contribute to your learning how to determine what information is good information by teaching you to access, interpret and evaluate information contained within primary research reports, specifically within the context of human health. More specifically, HLTH 252</p>		<p>Course Evaluation:</p> <table border="0"> <tr> <td>Quizzes</td> <td>15%</td> </tr> <tr> <td>Active Learning Exercises</td> <td>40%</td> </tr> <tr> <td>TPSC 2 Core</td> <td>10%</td> </tr> <tr> <td>Proposal Design</td> <td>15%</td> </tr> <tr> <td>Final Assignment</td> <td>20%</td> </tr> </table>	Quizzes	15%	Active Learning Exercises	40%	TPSC 2 Core	10%	Proposal Design	15%	Final Assignment	20%
Quizzes	15%											
Active Learning Exercises	40%											
TPSC 2 Core	10%											
Proposal Design	15%											
Final Assignment	20%											

aims to provide you with the tools required to intelligently question authority and gain a broad understanding of the reality of the world in which we live.

Learning Outcomes:

- Understand and evaluate published research articles from the different types of research occurring within the SKHS and the research method associated with each,
- Understand and describe the founding principles and development of quantitative and qualitative research traditions to inform an appreciation of the multiple ways of researching health,
- Learn the philosophical and practical limitations associated with “knowing” in quantitative and qualitative research to develop a healthy skepticism of the research process and research methodologies/tools,
- Compare and contrast the various research strategies and designs,
- Understand the different components of a problem statement and identify linkages between problem statements and study objectives, hypotheses, and study design to develop an appreciation for the importance of the problem statement within the research processes,
- Learn how to write a research proposal

Course Outline

Why Do People Research?	Introduction to Quantitative Research, Study Designs, and Methods
Activity: What We Do in SKHS	Analysis and Interpretation of Quantitative Data
Research Approaches	Critical Appraisal of Quantitative Research
Research Paradigms	Introduction to Qualitative Research, Study Designs, and Methods
Activity: Why and What Do You Want to Engage in Research Activities?	Activity: Synthesizing a Quantitative Research Paper
Introduction Assignments How to Approach Research Assignments	Analysis and Interpretation of Qualitative Data
Introduction to a Research Process (Research Topic/Idea, Types of Research, Literature Searches, Creating a Bibliography)	Critical Appraisal of Qualitative Research
Activity: How to Review for Literature in Your Topic Area?	Activity: Synthesizing a Qualitative Research Paper
“How to Read a Research Paper” by Rowan Dunton	Other Methods (e.g., mixed methods, community-based research)
Activity: Practice Reading a Research Paper (Bader college class visit)	Finalizing and Communicating Research
Overview of Research Methods	Activity: Synthesizing a Mixed-methods Research Paper
Activity: How to Choose Appropriate Research Methods?	Course Review