

Critical Path

Research Concepts

MSTH 252

Instructor: Alex Tran

The Critical Path is the course schedule. It is an important document that lays out module objectives that you are responsible for to ensure academic success. Download and/or print out a copy of the Critical Path and refer to it regularly.

Module Breakdown

Module	Topics, Readings, and Activities	Due Dates	Weight
1	Module 1: Introduction to Research Concepts Topics: <ul style="list-style-type: none"> 1.1 Evidence-Based Practice and Research Literacy 1.2 Literature Search Strategies, Research Question and Hypothesis Activities: <ul style="list-style-type: none"> In-Class Activity #1: Ways of Knowing (5%) In-Class Activity #2: Research Question (5%) Introduction & Literature Search (5%) 	Module Activity #1: January 8, 2024 Module Activity #2: January 15, 2024 Introduction & Literature Search: February 5, 2024	15%
2	Module 2: Foundations of Research Practice Topics: <ul style="list-style-type: none"> 2.1 Sampling, External and Internal Validity 2.2 Measurement & Data (Collection & Analysis) 2.3 Research Ethics Activities: <ul style="list-style-type: none"> Module Activity #3: Sampling Activity (5%) Module Activity #4: Data Activity (5%) Module Activity #5: Ethics Module (5%) Online Term Test (10%) 	Module Activity #3: January 22, 2024 Module Activity #4: January 29, 2024 Module Activity #5: February 5, 2024 Online Term Test: February 19, 2024	25%

Module	Topics, Readings, and Activities	Due Dates	Weight
3	Module 3: Quantitative Research Topics: <ul style="list-style-type: none"> 3.1 Introduction to Study Design and Methods 3.2 Analysis and Interpretation Activities: <ul style="list-style-type: none"> Article Appraisal #1 (10%) 	Article Appraisal #1: March 11, 2024	10%
4	Module 4: Qualitative Research <ul style="list-style-type: none"> 4.1 Introduction to Study Design and Methods 4.2 Analysis and Interpretation Activities: <ul style="list-style-type: none"> Article Appraisal #2 (10%) 	Article Appraisal #2: March 18, 2024	10%
5	Module 5: Transferring Research into Practice Topics: <ul style="list-style-type: none"> 5.1 Shared Decision Making 5.2 Knowledge Translation 5.3 Over-Representing vs. Under-Representing Activities: <ul style="list-style-type: none"> Final Paper (15%) Final Test (10%) 	In-class research activity: March 29, 2024 Final Paper: April 1, 2023 Comprehensive Exam: Week 14	40%

Summary of Graded Course Components

Summary	Weight
Total for all Tests and Quizzes <ul style="list-style-type: none">• Midterm Test• Final Test	20%
Total for all Assignments <ul style="list-style-type: none">• Introduction & Literature Search• Article Appraisal 1• Article Appraisal 2• In-class research activity• Final Paper	55%
Total for all Module Activities <ul style="list-style-type: none">• Module Activity 1• Module Activity 2• Module Activity 3• Module Activity 4• Module Activity 5	25%
Total	100%