

Course Outline for: HCST 2300 Healthcare System Technology Capstone**A. Course Description**

1. Number of credits: 4
2. Lecture hours per week: 1
3. Lab hours per week: 6
4. Prerequisites: HCST 2100
5. Corequisites: None
6. MnTC Goals: None

Designed to provide an opportunity to individually design and self-direct, with guidance from the assigned faculty, a course capstone project. The capstone course project involves identifying students' strengths and interests within the fields of study and workforce they are interested in exploring.

B. Date last reviewed: April 2022**C. Outline of Major Content Areas**

1. Strengths and goals identification
2. Capstone idea and design
3. Objective development
4. Assessment measures
5. Literature Review
6. Industry needs assessment
7. Implications of research findings
8. Mentor/mentee relationship
9. Capstone contract, logistics and implementation
10. Journaling
11. Assessment
12. Capstone summary and presentation

D. Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Identify strengths developed from coursework and other experiences.
2. Develop objectives and assessment for the Capstone project.
3. Construct a self-directed, feasible Capstone project plan.
4. Integrate research in the Capstone project process.
5. Develop networks with faculty mentor/mentee and industry as a foundation of professional development work.
6. Integrate Healthcare Technology trends and needs into Capstone project initiatives.
7. Assess practicum outcomes to determine long term goals after graduation.

E. Methods for Assessing Student Learning

Students will create a plan that includes objectives, plan to accomplish objectives, short- and long-term goals, assessment of objectives, and a final Capstone product and presentation.

F. Special Information

None