There is an urgent need to improve health care quality and to curb costs of care. Care providers need cost-effectiveness analysis (CEA), quality improvement (QI) and systems thinking competencies.

COURSE OBJECTIVES
Upon completion of the course students will be able to:
- Define QI and CEA components, resources and processes;
- Define a QI problem as a CEA problem;
- Formulate measurement tools for CEA&QI;
- Formulate CEA&QI analysis processes/steps;
- Plan a practical CEA&QI project

Instructional Strategies:
- Experiential learning (case study), reflection, synthesis, assessment, and application
- Phase 1 – theory
  - Students will attain a grasp of CEA&QI frameworks, and processes.
- Phase 2 - application
  - Case study of a rural health center in a medically underserved area - facilitating practical application of the CEA&QI skills in decision-making and care provision. The students will experience systematic problem-solving by, first addressing the problem in its components and putting them back together to form a holistic picture of CEA&QI.