TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

5080 Special Topics:
Root Cause Analysis for Interprofessional Team Members (CLARION)

Course Syllabus

On Behalf of the TTUHSC’s QEP Office
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Course Description

This web-enhanced course serves as a capstone experience in which students apply the knowledge gained in the Professional Tools for the Advancement of Patient Safety: An Interprofessional Approach Course. The course requires students to work in interprofessional teams to resolve a fabricated sentinel event. The teams are provided with a case study and are to act as a consulting group to analyze and make recommendation so that reoccurrence of similar cases are unlikely. Each team’s goal, as the consulting group, is to provide a comprehensive plan and present a convincing professional presentation so that the fictional leaders of the case study will select that team’s plan to implement.

The goal of this course is to hone each student’s professional skills in assessing the healthcare as a system and practicing high performing interprofessional team skills that are necessary to achieve the six aims outlined by the Institute of Medicine (IOM).

Over an intensive six week period, teams are to conduct a root cause analysis; investigate healthcare regulatory agency(s) standards, policy(s), and evidenced based practices; formulate a performance improvement plan and budget; and develop a PowerPoint presentation with handout material that includes an executive summary and appendix. During the six week period, content experts will provide knowledge and resources on the major issues related to the case. Periodically, the teams will rehearse targeted portions of the final presentation requirements in order to receive feedback and guidance. At the end of the six-week period a local competition will be held in which teams will present their findings and recommendations to a panel of judges who represent the leaders in the fictional case study. Winners of the local competition earn an expense paid trip, to represent Texas Tech University Health Sciences Center School at the CLARION National Case Study Competition which is hosted by the University of Minnesota.

The course abides by the rules established by CLARION Case Study Competition. Enrollment of the course is based on team composition. Each team consists of: 1) no more than four members per team, 2) all members must be a fulltime student at TTUHSC, unless approved by CLARION, 3) members of each team are located on the same campus, 4) teams must have at least two distinct professions represented, and 5) no more than two members per team can be of the same profession.

Class time is mainly devoted to content experts’ and student team presentations. Students are required to attend both. The majority of the course work requires students to work independently within designated teams. All members must be dedicated to attending the team scheduled activities and treat these as if it were actual required class time. All students are required to present at the local competition held in Lubbock as designated and, if his/her team is selected, willing and able to compete at the National level.

Learning Objectives

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

1. Exhibit interprofessional high functioning team behaviors.
2. Conduct a root cause analysis to determine the factors resulting in a sentinel event.
3. Formulate a process improvement plan that addresses the major issues in the sentinel event and includes:
a. Recommendations that are based on compliance with regulatory agencies standards, policies, and evidenced-based practices.

b. Proposals that are measureable, practical, and supported by revered healthcare sources

c. Budget requirements to implement the improvement plan.

d. Promotion of the use of information technology applications.

e. Incorporation of interprofessional innovative approaches that are practical resolutions.

4. Demonstrate a compelling professional presentation that concisely conveys information in regards to the fictional case’s root cause analysis and process improvement plan, in both verbal and written skills.