

# **Introduction to Patient Safety, Quality Measurement & Quality Improvement**

M19-526 Spring 2019

Instructor: Richard T Griffey, MD, MPH  
Assistant Professor, Division of Emergency Medicine  
Email: griffeyr@wustl.edu  
Office: 314-747-4899

Time : Wed 9a-12p

Location: Taylor Avenue Building, Richmond Room 132 (2<sup>nd</sup> floor)

Office Hours: By appointment

## **Course Overview:**

The goal of this course is to introduce the fundamentals of patient safety, evaluation of quality including quality measure development and principals of quality improvement to students working in any aspect of health care or in health services research. The course will be divided into these three overlapping topic areas and will consist of lectures, group activities and project work. We will survey important topic areas in patient safety. We will explore the components of quality measures and their construction and evaluation in the current healthcare milieu. Students will review and create quality measures within their chosen field and develop a quality improvement project to improve a process or outcome.

## **Competencies**

1. Understand the fundamental principles and lessons of the patient safety movement
2. Understand the terminology and basic methodology of quality measurement
3. Understand the principles of designing and evaluating quality measures
4. Assume a leadership role in the design and implementation of a quality monitoring system for use in quality improvement

## **Grades will be is based on:**

1. Class Attendance & Participation (20 points)
2. Formal review of Patient Safety journal article – review and present in class a recent patient safety study. (15 points)
3. Using the methods learned in class submit a 1-3 page evaluation of a quality measure, addressing the strengths and weaknesses (measure provided) (20 points)
4. Develop a new quality measure in your field of interest, using the components of measurement discussed in class (20 points)
5. Draft a quality improvement project, using methods discussed in class and addressing barriers and leveraging strengths to achieve improvement (written & presented) (25 points)