# NORTHERN ARIZONA UNIVERSITY
## School of Nursing

# EXPANDING NURSING FACULTY'S INFORMATICS COMPETENCY LEVELS

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## Why Faculty Competency Levels Need to be Expanded?

- Informatics literacy is crucial to the future of nursing.
- QSEN Institute (2019a; 2019b) competencies support the progressive achievement of informatics proficiency of KSAs at all levels of nursing education.
- AACN Essentials of Baccalaureate (2008), Master's (2011) and Doctoral (2006) Education require knowledge and competencies in informatics and healthcare technologies.
- Nursing faculty must expand beyond the implementation of EHRs in order to address the use of increasingly sophisticated information systems and technologies in the delivery of patient care (Fulton, Meek, & Hinton Walker, 2014; Kinnunen, Raialahti, Cummings, & Borycki, 2017).
- Kinnunen et al. (2017) advocate the advancement of nursing faculty's informatics competency levels to support the teaching–learning process as well as to prepare graduates for current and future nursing practice.

## Three-Prong Approach to Increase Competency Levels

1) University and leadership support
   - Current technology
2) Course development support
   - Strong and effective instructional design and tech support available for faculty
3) Faculty ownership
   - Incorporate into goals for Faculty Academic Annual Review (FAAR)
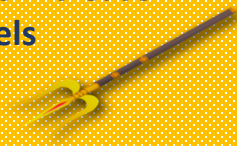
## Strategies (3 primary foci)

### 1) Course Design

- Faculty all have an online course component to their courses
- Promoting Quality Matters™ (QM) Higher Education: Rubric Workbook: Standards for Course Design (2018).
- QM rubric training for faculty

### 2) Using Technology Tools

- Using SafeAssign and auditing faculty for use of the tool
- Smart classroom support (orienting and mentoring)
- Faculty creating assignments that advance student informatics competencies and at the same time expand both full and part-time faculty skill levels
- Incorporating grading rubrics into courses using the learning platform technology feature
- Typhoon for managing student clinicals evals and reporting from undergraduate to graduate

### 3) Professional Development

- Mandatory online training for all faculty
- Bb Learn tutorials, library support, weekly professional development "Monday Morning Mentor"
- Peer faculty mentoring

## Timeframe

This is a 5 year plan because we span across may programs from the undergraduate to graduate level. Faculty skill sets require assessment and subsequent planning of resources to meet their needs.

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