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**Medication Examination Remediation Safety Improvement; MERSI**

School of Nursing and Health Sciences

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# Objectives

- Discuss pedagogical tool for student learning

- Disseminate research findings of Title III grant learning improvement strategy

- Engage in applications that foster critical judgment

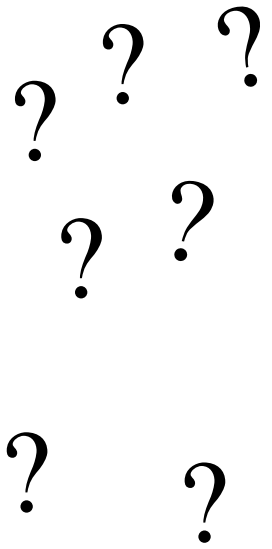- Create learning environment/supports that are learner-focused



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# About us

- 2 Campus' Philadelphia & Newtown Pennsylvania

- 2 Prelicensure Bachelor of Science level programs: traditional, part time evening weekend and 1 Accelerated Fast track

- 1200 students, 14 full-time faculty

- Canvas Learning Management

- 60 % students are from community,

   Work >30 hrs week, and are

   1st generation college students

# Introduction



**M**edication **E**xam **R**emediation **S**afety **I**mprovement

# Situation

Math proficiency rates had an impact on student self-efficacy and course success rates

Faculty buy-in to create an innovative learning strategy, time, evaluate current curriculum

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# Background

➢Medication Safety Exam in each clinical course

➢Medication Math Safety Exam based on course objectives

➢Retake 3 times for a score of 90 % or more (Fall 22 Spring 23)

➢Resources available for 1 hour Math remediation through

➢ Center for Academic Enhancement (CAE)

➢ 1:1 with Instructor/Professor

➢ Scheduled Nursing Open Lab session

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# Assessment

Faculty applied for a Title III educational grant and gave thanks when we received it.

Stipends were allocated to each faculty member for their contribution

Use of the Learning Mangement System in place

Incorporating current textbook material and videos

# Assessment - Gap in the Curriculum

Reviewing the curriculum faculty identified a student learning need- Medication Proficiency

Conceptual analysis of Medication Math errors by novice nurses is high

Could an increase in math proficiency have a positive effect on student self-efficacy?
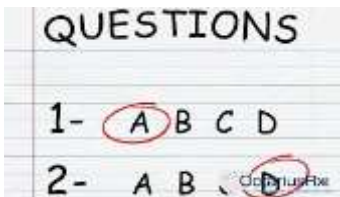
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# Recommedation

Based on a multi-level nursing course

Canvas
Interactive learning
Studio Videos
Quizzes Canvas

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# What we did!

QUESTIONS

1- (A) B C D

2- A B C

Previous Exam
evaluations

Testing/ Exam
Blueprint evaluations
for all levels of the
program were
conducted

Had fun!

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# What is next?

Give thanks as the idea was received well by the students and faculty

Celebrating with faculty through in-services to rewrite exam question development exam blueprints and question wording; consistency is a key component when there are multiple instructors creating exams.

Create evidenced based research study

Continue to develop the Canvas learning management shell

Develop a Next Gen Module for the Canvas course

*MERSI*

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# Conclusion





Folio with
Reference list

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