

Title III Grant
Stipend Application
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Project Description: This project encompasses the development and offering of a skills based course, **N210**, *Clinical Skills Review*. N210 will be a half unit course offered in a hybrid format. The target audience is students currently enrolled in the nursing program and have completed one semester of the program. The purpose of the course is to provide supplemental instruction and enhancement of clinical skills previously obtained in other nursing courses.

Project Background: Students in the nursing program are expected to perform very technical psychomotor skills on, or for patients, while utilizing critical thinking skills. The nursing program has always been a quickly paced program, demanding students to quickly obtain these skills while attaining theoretical knowledge and completing multiple assignments. Skill acquisition is challenging and stressful to any student but even more so to the less able student. The institution of the compressed calendar at the College has further challenged this learning process.

Project Scope: This course will be offered during the intersession. The course will be an intensive skills based course focusing on skills and exercises that are crucial to safe, effective nursing practice in today's acute care settings. The course format will be hybrid and incorporate critical thinking with skill acquisition. Students will be presented with case studies, pathophysiology and care plan development, as well as math calculations via WebCt. The skills focus will be on medication preparation, administration and intravenous fluid management. Mastery of these skills is crucial for safe, effective nursing care. Use of simulation with two case scenarios as well as group work developing nursing care plans and pathophysiology diagrams will facilitate development of critical thinking. The intensive but repetitive format of this course will greatly facilitate both skill and critical thinking acquisition. Students whose skills and critical thinking are borderline will be highly encouraged by nursing faculty to participate in this course with the goal of enhancing the student's ability to be successful in the nursing program. However, it is expected that any student will enhance their ability to be successful in the program by taking this course.

- Project Outcomes:
1. Construct pathophysiology diagram of the patient's medical diagnosis incorporating assessments, relevant medications, laboratory and diagnostic test results.
 2. Critically correlate pathophysiology, assessments, medications, laboratory and diagnostic test results.
 3. Safely prepare and administer medications by computing doses accurately.
 4. Demonstrate skill in IV site maintenance, IV flow rate, IV tubing and bottle changes, administration of IV medications (IV push and IV piggyback).
 5. Analyze assessments exhibited by patient and determine appropriate nursing actions.

Project

Implementation: January Intersession 2007. Curricunet forms have been completed and will be reviewed at the December meeting.

Assessment:

Successful completion of math calculations.
Satisfactory pathophysiology diagram and nursing care plan
Skill demonstration of IV management
Oral presentation of diagram and plan of care
Satisfactory response to patient simulations

Technology

Requirements: Internet access to WebCt