

## Course Outcome Guides

**Course/Program Title: Nursing Care of the Acute and Chronically Ill Adult III**

**Course/Program Team: Nur 231 Fall 2014 Session B**

**Expected Learning Outcomes: Refer to Course Syllabus**

### Assessment

Assessment of the student is provided through three unit exams and a comprehensive final; ATI Exams in Medical-Surgical, ATI Nutrition Exam, and ATI Comprehensive Exam; 12 Critical Care Case studies, five critical care simulations in lab; a Capstone clinical in the student's choice of practice areas with a mentor from local hospitals and outpatient facilities. In addition, mentors provide feedback on the student's clinical performance through a comprehensive evaluation tool.

### Validation

ATI testing, exam average of 75 % or greater, pass lab, clinical and simulation.

### Results of Course Exams

Total of 44 students completed the course: 16 A's, 24 B's, 0 C's, 4 D's, 0 F's

### ATI Testing

*ATI proficiency; Adult Medical/Surgical 2013* encompasses all three Medical/Surgical courses; Med/Surg 1, Med/Surg 2 and Med/Surg 3

**Level 3** = 8 (18.18%), **Level 2** = 25 (56.81 %), **Level 1** = 7 (15.90%), **Below level 1** = 2 (2.4%), 4 students did not take the Comp Predictor because they did not pass the course (0.09%)

**Below level 1** = 2 (2.4%) Remediation through practice exams with ATI is pending for students who scored below Level 1 and Level 1 for a total of 13 students. The students will take ATI Live Review in January to review in depth for NCLEX exam.

National Mean / Program Mean 67.8% / 68.7%

% of Group above Individual Mean-National 70.5%

% of Group above Individual Mean-Program 70.5%

*ATI proficiency; Nutrition 2013* encompasses the nutritional needs of patients in all three Medical/Surgical courses; Med/Surg 1, Med/Surg 2 and Med/Surg 3

**Level 3** = 4 (9.1%), **Level 2** = 24 (59.1 %), **Level 1** = 14 (31.8%), **Below Level 1** = 0

Remediation through practice exams with ATI is pending for students who scored at a Level 1 for a total of 14 students. The students will take ATI Live Review in January to review in depth for NCLEX exam.

National Mean / Program Mean 61.8% / 58.7%

% of Group above Individual Mean-National 75.0%

% of Group above Individual Mean-Program 84.1%

*ATI proficiency; RN Comprehensive Predictor 2013* is a measurement of the entire nursing program including: Foundations of Nursing, Med/Surg 1, Pediatrics, Mother/Baby OB, Psychological Nursing, Medical/Surgical 2 and Medical/Surgical 3/ Critical Care  
**Level 3** = 8 (13.63%), **Level 2** = 22 (56.81%), **Level 1** = 5 (11.36%), Below Level 1 = 2 (0.04%)  
Students who scored at a Level 1 and below Level 1 for a total of 7 students will study those areas that they are weak in which is documented on the Comp Predictor. They will take ATI Live Review in January with their class to review in depth for NCLEX exam and will be allowed to take the Comp Predictor again directly after that. If they do not pass the Comp Predictor at that time they will have to remediate the weak areas documented on the test.

National Mean / Program Mean 67.9% / 68.5%

% of Group above Individual Mean-National 90.0%

% of Group above Individual Mean-Program 85.0%

### **Follow-up**

ATI Med-Surg test is a designated test taken on one of two days in the Testing Center. According to the ATI group performance profile students are having difficulty with basic care and comfort and safety and infection control questions. Plan to continue to add basic care and comfort and infection control and safety questions to lectures, case studies, discussions and to lab activities and simulations.

ATI Nutrition test is taken on one day in the Testing Center. According to the ATI group performance profile students are having difficulty with psychosocial integrity and physiological adaptation questions. Plan to continue to add physiological adaptation and psychosocial integrity questions to lectures, case studies, discussions and to lab activities and simulations.

Continued on the next page.

**ATI Comprehensive Predictor** is taken on one day and is proctored. Below is the explanation.

**Group Performance Summary Table**

Predicted Probability of Passing the NCLEX-RN *	Number of Students at Probability of Passing **	RN Comprehensive Predictor 2013 Form B Individual Score ***
99%	15	80% – 100%
98%	6	77.3% – 79.3%
96-97%	5	74.0% – 76.7%
94-95%	3	72.0% – 73.3%
91-93%	4	70.0% – 71.3%
89-90%	1	68.7% – 69.3%
84-87%	4	66.7% – 68.0%
80-82%	0	65.3% – 66.0%
73-78%	0	63.3% – 64.7%
59-71%	1	60.0% – 62.7%
31-36%	0	54.0% – 59.3%
1-28%	1	0.0% – 53.3%

\* This column shows the predictability of nursing graduates who will pass the NCLEX licensure test for RN's if they score between 80 to 100% on the Comp Predictor. In our program the nursing students have to score at least a 68.7 – 69.3 % with a probability of passing of 90%. This is done for a number of reasons:

- the first reason is our program has to have a high pass rate at 90% or above for nursing graduates taking the test the first time.
- the second reason is nursing graduates pay a high price to sit for the NCLEX (over \$300), if they fail they have to pay another \$300.

The course had 2 Lab sessions one in the morning and one in the afternoon with each session being 4 hours long because the class size was very large with 44 students. Our labs were more intense this semester with four learning stations in the front lab and simulation in the back lab that reinforce what has been taught in lecture. I believe this change has had a positive effect on students because they were able to have hands on practice with various learning aspects in the course including chest tube set-up, ventilator set-up and Mega-Code to name a few. Changed all lecture materials to correspond to the textbook to allow the students to follow lecture easier. Modules are composed of 3-4 topics that are covered over 2-3 classes then a class is devoted to case studies incorporating all materials taught so the students can apply that material. I have decided to incorporate 12 case studies that the students work on individually and had to be handed in to be graded. I believe that this change has had a positive effect on the outcomes of this course because students cannot always have exposure to every aspect of the critical care patient but they can experience the basic sign, symptoms and treatments for critically ill patients.

Simulations are a mixture of testing students on what they have learned and using the principle of teachable moments to reinforce difficult concepts. I will incorporate the use of an Apple tablet and the appropriate applications for this class.

**Budget Justification**

N/A