

**Eastern West Virginia Community and Technical College  
COURSE ASSESSMENT REPORT**

<b>Course Title and Number:</b> NU 244 Synthesis of Nursing Concepts	<b>Academic Term and Year of Assessment Activity :</b> Spring 2020
<b>Report Submitted By:</b> Alicia VanMeter and Jill Landis	<b>Number of Students Assessed:</b> 17
<b>Date Report Submitted:</b> September 21, 2020	<b>Number of Sections Included:</b> 1
Course Delivery Format (list all modalities used in sections assessed. Ex: web based, VDL, traditional section, hybrid course, etc.): Traditional lecture until COVID then with Zoom, clinicals and then with COVID utilizing preceptors, lab simulation, games, presentations, and HESI exams. We have implemented a Mock NCLEX which includes the student having to take 265 questions to prepare for the NCLEX.	

**Course Role in the Curriculum**

**Provide a description of the role the course serves in the curriculum (i.e. general education requirement, program technical core, restricted elective, etc.). Note all as appropriate.**

This course is designed to expand the concepts of wellness-illness continuum with emphasis on the expanding family, and tertiary care within the community. Students learn to utilize the nursing process to care for clients of all ages throughout the lifespan and culture. It provides the knowledge for the student to document their findings in the clinical setting. Selected clinical experiences are scheduled on the Medical-Surgical floor. Due to COVID we utilized preceptors for the hospital setting. We use Grant County Health Department, Grant, Hardy and Pendleton County Schools, and the Finan Center. We also sent students to EA Hawse for Pediatrics due to having a preceptor, and to Hospice because of having preceptors in place. We were cancelled for the Finan Center and the schools due to COVID.

**Previous Assessment Reports and Results**

**Date of Previous Assessment:** Spring 2018

**List of Outcomes Not Met:** All Outcomes were met.

**Summary of Actions Taken to Address Unmet Learning Outcomes:** Append additional pages if necessary. If appending, include notation in box to "See attached".

The NCLEX pass rate was 75% with the previous cohort and needs to be 80% or greater to meet the WV BON mandated pass rate. On our recent ACEN accreditation visit we were asked what we were going to do about the below mandated pass rate. We will be putting more remediation in place like Elsevier quizzes that they have to take and pass in order to move forward with the concept. We will continue to have practice questions and tests, the MOCK NCLEX exam at the end of the course, and the mandated NCLEX review (whether in person or online).

**Assessment Methods**

**Provide a description of the assessment process used. Include description of instrument and performance standards in description. Note all methods.**

Eight written exams were administered with a total of 587 questions and then the HESI exam. The exit HESI exam is an assessment test that was developed by Elsevier and it consists of 160 questions and is worth 100 points. Each student had to take the exit HESI exam and score a 900 or above. The conversion score was added to other grades and the average had to be an 80% or above. The students had the opportunity to take the exit HESI exam up to 3 times due to COVID. The exam is a good indicator on whether a graduate will pass the NCLEX and assessment exams are mandated by the WV BON. Due to COVID there was no skills exam. Students also had assessment notes, care plans, concept maps, projects, and discussion posts that were evaluated this semester. There is also a clinical evaluation tool that is part of the course.

<b>Course Level Assessment Summary of Outcomes, Indicators and Results</b>			
<b>Add additional rows to table if necessary</b>			
<b>Learning Outcomes (Insert learning outcomes assessed during this cycle)</b>	<b>Indicator (Insert indicators used for each outcome: exam question, scoring rubric, etc. Be specific)</b>	<b>Percent of Correct Responses</b>	<b>Performance Standard Met (75%)* (yes or no)</b>
Outcome 1: Nursing Judgement which consists of making decisions based on evidence, safe care, and quality of care for the patient and family.	<p>A client with chronic hypertension is seen in the clinic. Which assessment indicates that the client's hypertension is not under control?</p> <ul style="list-style-type: none"> <li>a. Heart rate of 55 beats/min</li> <li>b. Serum creatinine level of 1.9mg/dl</li> <li>c. Blood glucose level of 128 mg/dl</li> <li>d. Irregular heart sounds.</li> </ul> <p>Correct answer if B</p>	90%	Yes
Outcome 2: Human Flourishing which consists of advocating for the patients and families in ways that promote their self-determination, integrity, and ongoing growth as human beings.	<p>The emergency department team is performing cardiopulmonary resuscitation on a client when the client's spouse arrives at the emergency department. What should the nurse do next?</p> <ul style="list-style-type: none"> <li>a. Request that the client's spouse sit in the waiting room.</li> <li>b. Ask the spouse if he wishes to be present during the resuscitation.</li> <li>c. Suggest that the spouse begin to pray for the client.</li> <li>d. Refer the client's spouse to the hospital's crisis team</li> </ul> <p>Correct answer is B</p>	92%	Yes
Outcome 3: Spirit of Inquiry which consists of examining the evidence that underlies clinical nursing practice to challenge the status quo, question underlying assumptions, and offer new insights to improve the quality of care for patients,	<p>A client was admitted with respiratory difficulty and decreased oxygen saturation keeps pulling off the oxygen mask. What action does the nurse take?</p> <ul style="list-style-type: none"> <li>a. Stays with the client and</li> </ul>	76%	Yes

<p>families and communities.</p>	<p>replaces the oxygen mask</p> <p>b. Asks the client’s spouse to hold the oxygen mask in place</p> <p>c. Restrains the client per facility policy</p> <p>d. Contacts the health care provider and requests sedation</p> <p>Correct answer is A</p>		
<p>Outcome 4: Professional Identity which consists of implementing one’s role as a nurse in ways that reflect integrity, responsibility, ethical practices and evolving identity as a nurse.</p>	<p>A client who is receiving fluid resuscitation per the Parkland formula after a serious burn continues to have urine output ranging from 0.2 to 0.25 ml/kg/hour. After the health care provider checks the client, which order does the nurse question?</p> <p>a. Increase the IV fluids by 100ml/hr</p> <p>b. Administer furosemide (Lasix) 40mg IV push</p> <p>c. Continue to monitor urine output hourly</p> <p>d. Draw blood for serum electrolytes stat</p> <p>Correct answer is B</p>	<p>82.6%</p>	<p>Yes</p>

\* Please note if using a different minimum performance standard.

<p><b>Assessment Results</b></p> <p><b>Provide a summary of results including tables/charts. Incorporate information from previous assessments as appropriate. Append additional pages if necessary. If appending, include notation in box to “See attached”.</b></p>
<p>17 students took the Exit HESI and 13 students received a score of 900 or greater on the first attempt. The class percentile ranking was 70.32% nationwide. This number was low compared to other cohorts, but due to COVID some schools were behind and had not tested at this time. The class mean HESI score was 923, with the Median HESI score 926. The class range of HESI scores was 734-1119. The national mean was 862. The program student learning outcomes were as follows: Human Flourishing 925, Nursing Judgement 932, Professional Identity 868, and Spirit of Inquiry 1118. Thirteen student were in the Recommended performance, 1 student was in the Acceptable performance, 2 students were in the Below acceptable performance, and 1 student who Needed further preparation. Four student had to take the exam a second time. Three students received a score of 900 or above. Due to COVID, the exam was offered a third time. The remaining student scored a 900 or above on the third attempt. Also due to COVID, we utilized preceptors more this semester, and students enjoyed being with the preceptors for a complete 12 hour shift. They felt that they have a clearer picture of what will be expected when they enter the work force. Students felt that they learned what a nurse may face during a complete shift. We had utilized one preceptor day in the past, but we will be utilizing preceptors</p>

more in the future cohorts. Students were required to take a NCLEX review course a part of this course. Due to COVID, it was offered for three days online.

#### **Conclusion**

**Provide a brief summary of conclusions derived based on analysis of data. Append additional pages if necessary. If appending, include notation in box to "See attached".**

All 17 students passed NU 244 with an average of 80% or greater. All 17 students were eligible to take the NCLEX licensing exam. Due to COVID, testing sites were not as accessible as in the past. Students had to travel to Morgantown, Reston, VA, and PA for testing. 15/17 students passed the NCLEX exam on the first attempt. 88.24% passed the NCLEX on the first attempt which is above the mandated pass rate by the WV BON (80%). One has successfully passed on the second attempt, and the remaining student is still waiting to test for the second time.

#### **Action Plan and Date for Reassessment**

**Identify action plan for improvement or maintaining current performance levels including outcomes identified for re-assessment, curriculum revision, LOT proposal, new or revised course activities to reinforce learning outcomes, etc. Append additional pages if necessary. If appending, include notation in box to "See attached".**

Date for reassessment: Will be reassessed Spring 2022

In order to be in compliance with ACEN and WV BON for the 80% pass rate for the NCLEX exam we will still have mandated minimum HESI score for NU 134, NU 142, NU 143, NU 144, NU 234, NU 244 and NU 245. We will continue to have a Mock NCLEX day on the calendar. We will still have a required NCLEX review course. We will be utilizing preceptors more in the future cohorts. We will also be using more of the Elsevier software for the students. We will continue to align the college core values, course objectives and end of student learning outcome to ensure that they are measured and met.

#### **Assessment Committee Recommendation/Approval (To be posted by Assessment Committee Chair)**

- Approved as presented
- Approved with recommendations for future reports – Learning outcomes with performance percentages just clearing the 75% benchmark should be addressed in the action plan for future reports, with an eye towards improving in that area.
- Resubmission Required. Reason for Resubmission:

**Date: 11/16/2020**