SAINT LOUIS UNIVERSITY.

Program-Level Assessment: Annual Report

Program: Accelerated MSN (AMSN)	Department: Nursing
Degree or Certificate Level: Masters, Pre-licensure; Clinical Nurse Leader (CNL)	College/School: TBVSON
Date (Month/Year): June 2, 2021	Primary Assessment Contact: Bobbi Shatto PhD RN CNL

In what year was the data upon which this report is based collected? Academic Year 2020-2021.

In what year was the program's assessment plan most recently reviewed/updated? 2021

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle?

Outcome #1: Relate to people as unique individuals possessing worth, dignity, and potential for self-actualization.

Outcome #2: Use scholarly inquiry including evidence-based practice and research application to improve decision-making and health outcomes.

Outcome #3: Establish relationships based on understanding of self and others and of interpersonal and group dynamics.

Outcome #7: Utilize appropriate information and health care technologies to improve health care outcomes.

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

Outcome #1:

FALL:

N5035 (Foundations in Nursing Care); Clinical, Clinical Evaluation Level 1 (appendix A)
N5603 (Clinical Studies III); Clinical, Clinical Evaluation Level 3 (appendix C)
N5604 (Advanced Clinical Studies); Clinical, Clinical Evaluation Level 4 (appendix D)
N5145 (Nursing Strategies for Health Promotion) Health Promotion Paper Rubric (appendix G)

SPRING:

N5010 (Nursing Strategies in Physiological Health Alterations), Clinical, Clinical Evaluation Level 1 (appendix A)
N5015 (Nursing Strategies in Psychosocial Health Alterations), Clinical, Clinical Evaluation Level 2 (appendix (B)
N5605 (Practicum in Clinical Leadership); Clinical, Clinical Evaluation Level 4 (appendix D)
N5606 (Clinical Leadership for the Advanced Generalist) Healthy Work Environment Paper (appendix P)

SUMMER:

N5601(Clinical Studies I), Clinical, Clinical Evaluation Level 2 (appendix B)
N5602 (Clinical Studies II), Clinical, Clinical Evaluation Level 2 (appendix B)

ATI Exit exam results
NCLEX results
SKYFACTOR items are <5.0
- 61 & 87 (Culturally competent care)
- 64 & 90 (Advocate for vulnerable patients)
- 66 & 92 (Honor rights of patients)

Outcome #2:
SPRING:
N5205 (Evidence-Based Practice for The Advanced Generalist); Online (Pandemic related), Literature Appraisal Assignment (appendix E)
N5607 (Advanced Synthesis of Nursing Concepts); Online, ATI Exit Exam, NCLEX results, NCLEX Portfolio (appendix O)

SKYFACTOR items are <5.0
48 & 74 (Integrate theories and concepts from liberal education into practice)
52 &78 (Integrate theory to develop a foundation for practice)

Outcome #3:
FALL:
N5605 (Practicum in Clinical Leadership); Clinical, Clinical Evaluation Level 4 (appendix D)
SKYFACTOR items are <5.0
70 & 96 (Provide emotional support)
58 & 84 (Communication)

Outcome #7:
FALL:
N5035 (Foundations in Nursing Care), N5603 (Clinical Studies III),
N5604 (Advanced Clinical Studies); Clinical, Clinical Evaluation Level 4 (appendix D)

SPRING:
N5025 (Informatics and Quality Improvement), Online (Pandemic related), Personal Improvement Project (appendix K)
N5010 (Nursing Strategies in Physiological Health Alterations), Clinical, Clinical Evaluation Level 1 (appendix A)
N5015 (Nursing Strategies in Psychosocial Health Alterations), Clinical, Clinical Evaluation Level 2 (appendix B)
N5605 (Practicum in Clinical Leadership); Clinical, Poster Presentation rubric (appendix J)

SUMMER:
N5601 (Clinical Studies I), Clinical, Clinical Evaluation Level 2 (appendix B)
N5602 (Clinical Studies II) Clinical, Clinical Evaluation Level 2 (appendix B)
N5020 (Healthcare Systems and Policy) Letter to Legislator and Health System Case Study Rubric (appendix H)

SKYFACTOR items are <5.0
54 & 80 (Appropriate technologies to assess patients)
57 & 83 (Incorporate knowledge of cost factors when delivering care)

3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and include them in/with this report.

Outcomes #1: Students were observed in clinical by their clinical faculty (N5010, N5603) and preceptors (N5604, N5605). Faculty and preceptors gave personal feedback to each student throughout the clinical experience. Faculty also gave feedback utilizing the evaluation rubrics for each student (Appendix A-D). Faculty met with preceptors by visiting the clinical areas and by email. N 5606 Healthy Work Environment Paper Rubric was reviewed by course coordinator (appendix P) and aggregate data assessed. Health Promotion paper was assessed, and aggregate data collected by course coordinator (appendix G). Skyfactor results were reviewed by option coordinator.

Outcome #2: NCLEX results are pending will be reviewed by program coordinator. NCLEX portfolio was reviewed, and ATI Exit exams were reviewed by course coordinator (5607-Appendix O).

Outcome #3: Students were observed in clinical by their clinical faculty (N5603; N5035) and preceptors (N5604). Faculty and preceptors gave personal feedback to each student throughout the clinical experience. Faculty also gave feedback utilizing the evaluation rubrics for each student (Appendix C, D).

Outcome #7: Students were observed in clinical by their clinical faculty and preceptors (N5604, N5603, 5010, 5015,5601, 5602,5605). Faculty and preceptors gave personal feedback to each student throughout the clinical experience. Faculty also gave feedback utilizing the evaluation rubrics for each student (Appendix A-D). Faculty met with preceptors by visiting the clinical areas and by email. Due to the pandemic, Summer clinicals for all courses (N5601, N5602) were virtual. Virtual patients via ATI, case studies and critical thinking exercises helped assure that the objectives of all courses were met. Feedback was given from faculty utilizing the clinical evaluation tools (appendix B). The personal improvement quality improvement project (N5025) results were reviewed. Feedback was given to students via rubric. N5020 (Healthcare Systems and Policy) Letter to Legislator and Health System Case Study Rubric (appendix H) results were reviewed by the course coordinator and aggregate data was gathered and assessed. Skyfactor results were reviewed by option coordinator.

4. Data/Results

What were the results of the assessment of the learning outcome(s)? Please be specific. Does achievement differ by teaching modality (e.g., online vs. face-to-face) or on-ground location (e.g., STL campus, Madrid campus, other off-campus site)?

Outcome #1: Greater than 90% of students achieved satisfactory grades on Promoting Advanced Adaptation (SLO 2) for all levels 1-4 of clinical evaluations (5010; 5015; 5601; 5602; 5603; 5604; 5605). Results were compared to previous course offering and analyzed for trends. Greater than 90% of students received a grade of B or greater on both Healthy Work Environment paper (N5606) and Health Promotion paper (N5145). Skyfactor results showed >5.0 on the mean scores for culturally competent care, advocate for vulnerable patients and honor rights of patients.

Outcome #2: All students received scores of <85% for NCLEX portfolios and the mean score for ATI exit exam was greater than Level 1. The mean score for Client Needs Safe/Effective Environment was greater than level 1 on ATI exit exams (5607). Greater than 90% of students received a grade of 80% or higher on their research appraisal assignments (5025). All students received scores of <85% for NCLEX portfolios and the mean score for ATI exit exam was greater than Level 1. The mean score for Client Needs Safe/Effective Environment was greater than level 1 on ATI exit exams (5607). NCLEX results are pending. Greater than 90% of students received a satisfactory on their SLO for promoting adaptation for N5035 (appendix A) which was consistent with results in previous years. Skyfactor results showed >5.0 on mean scores for integrating concepts from liberal education into practice and theory to develop for foundations of practice. These results were consistent with previous years' results.

Outcome #3: Greater than 90% of students achieved a satisfactory on their SLO for promoting adaptation for N5035, N5601, N5602, N5603 and N56054 (appendices A-D). These results were consistent with previous years' results including those courses that were held virtually due to the pandemic (N5601, N5602). Skyfactor results showed >5.0 on mean scores for emotional support and communication.

Outcome #7: Greater than 90% of students received a satisfactory on their patient safety and care quality SLO for N5601, N5602, N5010, N5015, N5035, N5603, N5604 and N5605 (appendices A-D). Clinical rubrics and aggregated data showed consistent similar results from past years. Greater than 90% of students in N5025 achieved a score of B or better on the personal improvement quality improvement project (appendix K). Greater than 90% of students received a grade of B or better for N5020 (Healthcare Systems and Policy) Letter to Legislator and Health System Case Study Rubric (appendix H). Skyfactor results showed >5.0 on mean scores for Appropriate technologies to assess patients and Incorporate knowledge of cost factors when delivering care.

5. Findings: Interpretations & Conclusions

What have you learned from these results? What does the data tell you?

100% of students achieved the score of satisfactory on clinical evaluations.

This data tell us that the clinical experiences in N5035, N5601, N5602, N 5010, N5603, N5604 and 5605 provide adequate opportunities for students to relate to people as unique individuals possessing worth, dignity, and potential for self- actualization, synthesize theoretical and empirical knowledge from the humanities and natural, social, behavioral, and nursing sciences to provide safe, effective nursing care, establish relationships based on understanding of self and others, and of interpersonal and group dynamics, and provide students access to clients of all ages and diverse sociocultural backgrounds.

It is important to note that there is no difference in rates of student achievement of SLO #1, #2, #3, and #7 with the substitution of online clinical learning in N5601 and N5602 summer of 2020 and the offering of alternate assignments to supplement in person clinical learning.

100% of students received grades of B or greater on N5020, N 5145 and N5606 assignments indicating that student learning outcomes were met for those courses.

6. Closing the Loop: Dissemination and Use of Current Assessment Findings

A. When and how did your program faculty share and discuss these results and findings from this cycle of assessment?

These findings will be shared with the AMSN program faculty during the August 2021 program meeting and will be reported to the UPPC.

B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies	• Course content • Teaching techniques • Improvements in technology • Prerequisites	• Course sequence • New courses • Deletion of courses • Changes in frequency or scheduling of course offerings
Changes to the Assessment Plan	• Student learning outcomes • Artifacts of student learning • Evaluation process	• Evaluation tools (e.g., rubrics) • Data collection methods • Frequency of data collection

Please describe the actions you are taking as a result of these findings.

Virtual clinicals were able to meet the meet the needs of the students during the pandemic for summer clinicals. The ATI suite of products and clinical case studies will continue to be utilized and evaluated for effectiveness throughout this academic year. Zoom is being utilized to supplement face to face courses and to enhance student/faculty meetings.

If no changes are being made, please explain why.

7. Closing the Loop: Review of Previous Assessment Findings and Changes

A. What is at least one change your program has implemented in recent years as a result of assessment data?

ATI system of products and supplemental case studies utilized during the pandemic were incorporated into AMSN courses both didactically and clinically. Virtual clinicals were utilized for N5601(Clinical Studies I) and N5602 (Clinical Studies 2). N5025 (Informatics and Quality Assessment) was moved from a face-to-face format to being conducted synchronously via Zoom due to the pandemic.

B. How has this change/have these changes been assessed?

The change in teaching methodology used in N5025 was evaluated looking at assignment rubrics, student discussions and course evaluations. The AMSN CNL coordinator discussed the changes with the course coordinators and students during meetings via Zoom. The newly implemented ATI products and supplemental case studies utilized during the pandemic and intertwined within subsequent courses enhanced student learning and were met with positive feedback from both students and faculty. This feedback was gathered from student course evaluations and discussions with the AMSN coordinator.

C. What were the findings of the assessment?

The changes made to the teaching methodology in N5025 course were positive for both students and faculty. MSN CNL students were incorporated into the synchronous Zoom lectures and both the MSN CNL and AMSN students reported they like the interaction between the different levels of students as it allowed for different viewpoints to be shared. The ATI products were met with positive feedback from both students and faculty. Virtual clinicals were met positively from both faculty and students.

D. How do you plan to (continue to) use this information moving forward?

The decision has been made to keep N5025 taught in an online synchronous format next academic year and reassess the findings at that time. ATI products will continue to be utilized.

IMPORTANT: Please submit any assessment tools and/or revised/updated assessment plans along with this report.