

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Nursing	102	NUR 102 08/29/2013- Fundamentals of Nursing
Division	Department	Faculty Preparer
Math, Science and Health	Nursing & Health Science	Valerie Greaves
Date of Last Filed Assessment Report		

I. Assessment Results per Student Learning Outcome

Outcome 1: Identify introductory concepts of the nursing profession (i.e. ADN role) and the WCC nursing program.

- Assessment Plan
 - Assessment Tool: Assessment Technologies Institute, LLC - Fundamentals for Nursing Exam
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: APNURS and APNURE students in all sections
 - Number students to be assessed: ~48
 - How the assessment will be scored: Per Assessment Technologies Institute semester reports
 - Standard of success to be used for this assessment: 75 percent of students will achieve a score at Proficiency level 2.
 - Who will score and analyze the data: Course coordinators to analyze semester ATI reports.

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2012	2013, 2012	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
131	127

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Four of the enrolled students withdrew from the course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course was offered mixed mode, during the daytime, at the Ann Arbor main campus.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The ATI, American Testing Institute, LLC, was utilized to assess the students' knowledge of the Fundamentals of Nursing, as the exam questions are very similar to the NCLEX Exam questions which they will take after completion of their program, for their state certification. Their exams were scored from a "below Level (1) - Level (3)". Below Level 1= below minimum expectations and may be indicative of significant risk. Level 1= met the absolute minimum expectations for performance in this content area. Level 2=exceeded minimum expectations for performance in this content area. Level 3= exceeded most expectations for performance in this content area.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: No

Outcome #1: Winter 2012 -58% met Proficiency Level 2. Fall 2012 - 66% met Proficiency level 2. Winter 2013 -41% met Proficiency Level 2.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Areas of content under Outcome #1 in which students scored particularly well were: continuity of care (average of 100% for all three cohorts), and confidentiality/information security (average of 80.2% for all three cohorts).

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Areas of content under Outcome #1 in which students scored the lowest were: advocacy (average of 52.7% for all three cohorts), and legal rights and responsibilities (average of 56.6% for all three cohorts).

Outcome 2: Identify principles for providing a safe and effective care environment.

- Assessment Plan
 - Assessment Tool: Assessment Technologies Institute, LLC - Fundamentals for Nursing Exam
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: All APNURS & APNURE students in all sections
 - Number students to be assessed: ~48
 - How the assessment will be scored: Per Assessment Technologies Institute semester reports
 - Standard of success to be used for this assessment: 75 percent of students will achieve a score at Proficiency level 2.
 - Who will score and analyze the data: Course coordinators will analyze semester ATI reports.

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2012	2013, 2012	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
131	127

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Four of the enrolled students withdrew from the course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course was offered mixed mode, during the daytime, at the Ann Arbor campus.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The ATI, American Testing Institute, LLC, was utilized to assess the students knowledge of Fundamentals of Nursing, as the exam questions are very similar to the NCLEX Exam questions which they will take after completion of their program, for their state certification. Their exams were scored from a "below Level (1) - Level (3)". Below Level 1= below minimum expectations and may be indicative of significant risk. Level 1= met the absolute minimum expectations for performance in this content area. Level 2= exceeded minimum expectations for performance in this content area. Level 3= exceeded most expectations for performance in this content area.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: No

Outcome #2: Winter 2012 -58% met Proficiency Level 2. Fall 2012 - 66% met proficiency Level 2. Winter 2013 - 41% met Proficiency Level 2.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Areas of content under Outcome #2 in which students scored the highest were: use of restraints/safety devices (average of 89.4% for all three cohorts), and ergonomic principles (75% for all three cohorts).

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Areas of content under Outcome #2 in which students scored the lowest were: reporting of incident/event/irregular occurrence/variance (average of 26.6% for all three cohorts) and standard precautions/transmission-based precautions/surgical asepsis (average of 58.8% for all three cohorts).

Outcome 3: Identify principles of health promotion.

- Assessment Plan
 - Assessment Tool: Assessment Technologies Institute, LLC - Fundamentals

for Nursing Exam

- Assessment Date: Spring/Summer 2013
- Course section(s)/other population: All APNURS and APNURE students in all sections
- Number students to be assessed: ~48
- How the assessment will be scored: Per Assessment Technologies Institute semester reports
- Standard of success to be used for this assessment: 75% of students will achieve a score at Proficiency Level 2.
- Who will score and analyze the data: Course Coordinators will analyze semester ATI reports.

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2012	2013, 2012	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
131	127

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Four of the enrolled students withdrew from the course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course was offered mixed mode, during the daytime, at the Ann Arbor main campus.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The ATI, American Testing Institute, LLC, was utilized to assess the students' knowledge of Fundamentals of Nursing, as the exam questions are very similar to the NCLEX Exam questions which they will take after completion of their program, for their state certification. Their exams were scored from a "below

Level (1) - Level (3)". Below Level 1= below minimum expectations and may be indicative of significant risk. Level 1 = met the absolute minimum expectations for performance in this content area. Level 2 = exceeded minimum expectations for performance in this content area. Level 3 = exceeded most expectations for performance in this content area.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: No

Outcome #3: Winter 2012 - 58% met Proficiency Level 2. Fall 2012 -66% met Proficiency Level 2. Winter 2013- 41% met Proficiency Level 2.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Areas of content under Outcome #3, in which students scored the highest were: health screening (average of 93.6% for all three cohorts), and principles of teaching/learning (average of 83.1% for all three cohorts).

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Areas of content under Outcome #3, in which students scored the lowest were: health promotion/disease prevention (average of 11.6% for all three cohorts), and the aging process (average of 47.2% for all three cohorts).

Outcome 4: Identify principles for maintaining client psychosocial integrity.

- Assessment Plan
 - Assessment Tool: Assessment Technologies Institute, LLC - Fundamentals for Nursing Exam
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: All APNURS and APNURE students in all sections.
 - Number students to be assessed: ~48
 - How the assessment will be scored: Per Assessment Technologies Institute semester reports.
 - Standard of success to be used for this assessment: 75% of students will

achieve a score at Proficiency level 2.

- Who will score and analyze the data: Course Coordinators will analyze the semester ATI reports.

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2012	2013, 2012	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
131	127

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Four enrolled students withdrew from the course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course was offered as a mixed mode course, during the daytime, at the Ann Arbor main campus.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The ATI, American Testing Institute, LLC, was utilized to assess the students knowledge of the Fundamentals of Nursing, as the exam questions are very similar to the NCLEX Exam questions which they will take after completion of their program, for their state certification. Their exams were scored from a "below Level (1) - Level (3)". Below Level 1 = below minimum expectations and may be indicative of significant risk. Level 1 = met the absolute minimum expectations for performance in this content area. Level 2 = exceeded minimum expectations for performance in this content area. Level 3 = exceeded most expectations for performance in this content area.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: <u>No</u>
Outcome #4: Winter 2012 - 58% met Proficiency level 2. Fall 2012 - 66% met Proficiency Level 2. Winter 2013- 41% met proficiency Level 2.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Area of content under Outcome #4 in which students scored the highest was: end of life (average of 79.4% for all three cohorts).
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8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Area of content under Outcome #4 in which students scored the lowest was: therapeutic communication (average of 46.9% for all three cohorts).

Outcome 5: Identify principles for promoting client physiological integrity.

- Assessment Plan
 - Assessment Tool: Assessment Technologies Institute, LLC - Fundamentals for Nursing Exam
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: All APNURS and APNURE students in all sections
 - Number students to be assessed: ~48
 - How the assessment will be scored: Per Assessment Technologies Institute semester reports
 - Standard of success to be used for this assessment: 75% of students will achieve a score at Proficiency level 2.
 - Who will score and analyze the data: Course Coordinators will analyze semester ATI reports.

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2012	2013, 2012	

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
131	127

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

Four enrolled students withdrew from the course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course was offered mixed mode during the daytime, at the Ann Arbor main campus.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The ATI, American Testing Institute, LLC, was utilized to assess the students knowledge of the Fundamentals of Nursing, as the exam questions are very similar to the NCLEX Exam questions which they will take after completion of their program, for their state certification. Their exams were scored from a "below Level (1) - Level (3)". Below Level 1= below minimum expectations and may be indicative of significant risk. Level 1 = met the absolute minimum expectations for performance in this content area. Level 2 = exceeded minimum expectations for performance in this content area. Level 3 = exceeded most expectations for performance in this content area.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: No

Outcome #5: Winter 2012 -58% met Proficiency Level 2. Fall 2012- 66% met Proficiency Level 2. Winter 2013 - 41% met Proficiency level 2.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

Area of content under Outcome #5 had only one question on the ATI Exam - it pertained to alterations in body systems. The average number of students answering this correctly was 47.4% for all three cohorts.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

Area of content under Outcome #5 had only one question on the ATI Exam - it pertained to alterations in body systems. The average number of students answering this correctly was 47.4% for all three cohorts.

II. Course Summary and Action Plans Based on Assessment Results

1. Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

The overall percentage of students in the three cohorts, that met the Level 2 Proficiency on the ATI Exam, was 55.5% - our benchmark was set at 75% of the students to achieve Level 2 Proficiency. Our students were off from the benchmark by 19.95, which demonstrates that there is definitely room for improvement.

The surprising factor for me was how well the students did in some areas of content, compared to how poorly they did in other areas of content, and the scores were fairly consistent amongst the three cohorts. I believe that the areas of content that students consistently scored low on, need to be looked at in relation to the amount of teaching, activities and lab time spent on these areas.

2. Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

This information as well as the action plan will be shared with Department Faculty at a regularly scheduled Faculty Meeting.

3. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Assignments	1. Since therapeutic communication is such an essential part of the professional nurses role, I will be adding an on-	1. A face to face meeting would allow the students' time to actually practice their therapeutic communication skills, utilizing role play with	2014

	ground day to my mixed mode course to spend additional time discussing various therapeutic communication techniques, as well as allowing some time for actual role play in the classroom. 2. The students scored the lowest in the area of health promotion/disease prevention so I would like to add two items to Modules 6 & 7 in order to address this weakness. A) I will review the Practice Quizzes for Module 6 & 7, and add additional quiz questions related to health promotion/disease prevention, as needed. B) I will add a "Drop & Drag" activity to my on-line site, in regards to the various immunizations and vaccines and recommendations for various populations.	their peers. 2. A) The Practice Quizzes assess the students' knowledge of the material covered in the Module, as well as they assist the student in learning as the student must achieve a score of 78% before they can move on in the course, they are allowed to take the Module Quizzes multiple times. Adding additional questions to the Practice Quizzes would cover the material more completely, and allow the students more exposure to test questions related to the area of health promotion/disease prevention. B) A "Drop & Drag" activity on my on-line site in regards to immunizations and vaccinations will allow the students to have a fun way to learn the required immunizations and vaccinations that are required for various patient populations.	
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4. Is there anything that you would like to mention that was not already captured?
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III. Attached Files

[ATI-Fall 2012](#)

[ATI-Winter 2012](#)

[ATI-Winter 2013](#)

Faculty/Preparer: Valerie Greaves **Date:** 12/28/2013

Department Chair: Dr. Vickie Salter **Date:** 01/08/2014

Dean: Martha Showalter **Date:** 01/08/2014

Assessment Committee Chair: Michelle Garey **Date:** 02/16/2014

COURSE ASSESSMENT REPORT

I. Background Information

1. Course assessed:
 Course Discipline Code and Number: NUR 102
 Course Title: FUNDAMENTALS OF NURSING
 Division/Department Codes: HAT/NHSD
2. Semester assessment was conducted (check one):
☒ Fall 2008__
☐ Winter 20__
☐ Spring/Summer 20__
3. Assessment tool(s) used: check all that apply.
☐ Portfolio
☒ Standardized test
☐ Other external certification/licensure exam (specify):
☐ Survey
☐ Prompt
☐ Departmental exam
☐ Capstone experience (specify):
☐ Other (specify):
4. Have these tools been used before?
☐ Yes
☒ No

If yes, have the tools been altered since its last administration? If so, briefly describe changes made.

5. Indicate the number of students assessed/total number of students enrolled in the course.
 OUTCOMES # 1 & 2 F06, W07, F07 TOTAL =120 OUT OF 170

6. Describe how students were selected for the assessment.

ALL STUDENTS IN SEQUENCE

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.
 THIS IS THE FIRST COURSE ASSESSMENT REPORT.
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.
 1. IDENTIFY THE PRINCIPLES OF NURSING CARE RELATED TO THE CORE COMPONENTS COMPETENCIES.
 2. DETERMINE THE CARE OF PATIENT'S BASIC NEEDS BY APPLYING THE NURSING PROCESS.
3. Briefly describe assessment results based on data collected during the course assessment, demonstrating the extent to which students are achieving each of the learning outcomes listed above. *Please attach a summary of the data collected.*
 120 STUDENTS OUT OF 170 OUTCOMES # 1& 2 F06=84% W07= 84% F07= 84.6%
4. For each outcome assessed, indicate the standard of success used, and the percentage of students who achieved that level of success. *Please attach the rubric/scoring guide used for the assessment.*
 75% OF ALL STUDENTS SHOULD ACHIEVE A SCORE AT OR ABOVE THE 60TH PERCENTILE FOR CONTENT AREAS OF NUR 102 ON THE ATI FUNDAMENTALS OF NURSING EXAM ON THEIR FIRST ATTEMPT. HOWEVER, THAT BENCHMARK CANNOT BE USED SINCE SUBSCALES NEEDED FOR ASSESSMENT DO NOT INDICATE PERCENTILE RANK AND THEREFORE FUTURE ASSESSMENT BENCHMARK MEASURES WILL BE DETERMINED BY NURSING FACULTY.

- Strengths: BENCHMARK MET AS A PERCENTAGE

Approved by the Assessment Committee 11/08

COURSE ASSESSMENT REPORT

Submitted by:

Print: Judith Pawloski
Faculty/Preparer

Signature [Signature] Date: 12-9-08

Print: Gloria Velarde
Department Chair

Signature [Signature] Date: 8/18/09

Print: Granville Lee
Dean/Administrator

Signature [Signature] Date: 8/19/09

logged 8/20/09 sp