

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Nursing	232	NUR 232 06/09/2014- Nursing of Children - Clinical Practice
Division	Department	Faculty Preparer
Math, Science and Health	Nursing & Health Science	Sherry MacGregor
Date of Last Filed Assessment Report		

I. Assessment Results per Student Learning Outcome

Outcome 1: Perform nursing skills in lab that relate to the care of children with health deviations.

- Assessment Plan
 - Assessment Tool: NUR 232 Lab Skills Check Out sheets
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: All
 - Number students to be assessed: 100% or ~48/sem
 - How the assessment will be scored: NUR 232 Lab Skill Check Out Sheets - analyze number of attempts before 100% proficiency in each skill is achieved.
 - Standard of success to be used for this assessment: 75% of all students will pass each skill on the first attempt.
 - Who will score and analyze the data: Course Coordinator

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)
2013, 2012, 2011	2014, 2013, 2012, 2011	2011

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

# of students enrolled	# of students assessed
277	277

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.

all students assessed

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.

all students assessed

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

Students are assessed for each lab skill based on a rubric.

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: Yes

Overall, 92% or greater of the students passed the lab skills on the first attempt. Students had the most difficulty with port accessing and port dressing changes and only 81% or greater of the students passed this skill on the first attempt.

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

Students feel comfortable in the lab setting and when they practice, they are able to perform most skills at a satisfactory level.

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.

Students had the most trouble with skills related to port accessing and port dressing changes. However, since 2012, we are no longer able to have clinical at the University of Michigan. Because of this, students do not get to use that skill with patients, and that skill has therefore, been dropped from the curriculum.

Due to clinical constraints, the lab hours and skills were reconfigured in W'14. Students had difficulty with the math component of the new lab skills and because of that the percent of students passing the first time for several skills was only at 68%. With revisions those numbers dramatically improved the second half. However, I'm not convinced the check-outs were as rigorous as they should

have been and so will be working with the instructors to encourage a higher expectation from students. Also, there is a plan to have videos and media reviews to help students prepare for the lab check-outs. (Because it was such a dramatic change, these numbers are found on the attached file, but not included in the summary review.)

Outcome 2: Provide safe nursing care for one pediatric patient in an acute care and community-based setting, using the nursing process in each of the core components.

- Assessment Plan
 - Assessment Tool: NUR 232 anecdotal records and final clinical evaluations.
 - Assessment Date: Spring/Summer 2013
 - Course section(s)/other population: All
 - Number students to be assessed: 20% of random sampling of all sections or ~10/sem
 - How the assessment will be scored: NUR 232 Final Clinical Evaluation forms: analyze number of "P" and number of "NP" noting areas of weakness.
 - Standard of success to be used for this assessment: 90% of students will achieve a grade of "P" (pass) in clinical based on Final Clinical Evaluation.
 - Who will score and analyze the data: Course Coordinator

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)
2013	2014	

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

# of students enrolled	# of students assessed
83	83

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.

all students assessed

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.

all students assessed

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

Reviewed anecdotal records and final clinical evaluation for all students. Students receive a "2" for each category if they meet the objectives at a minimum level with minimum cueing for each of the expected skills. They receive a "1" if they don't consistently meet the objectives or need frequent cueing. They receive a "0" if they don't meet the objectives, require step-by-step directions or have unsafe performance. To pass the course the students must achieve a "2" for each of the Core Competencies 60% of the time and demonstrate improvement throughout the course.

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: Yes

All 83 students passed the course. Most of the students achieved a "2" for each of the Core Competencies every week. By 5th semester, there are very few students who are having difficulty in the clinical setting.

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

By 5th semester, students are comfortable in the clinical setting and able to provide safe, satisfactory care to children and their parents.

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.

The biggest area for improvement would be to get all instructors to document more thoroughly on the anecdotal record. While students tend to do well at the end of the program, there are often areas for improvement that don't show up on the anecdotal records. I will continue to ask for more feed-back from the instructors.

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?

I think the course meets the needs of students. Not only are the students meeting

the objectives of the course, but many report that they were initially concerned about their ability to care for children, but after the course either enjoy pediatrics or are at least comfortable in their care of children.

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

I expect to share this information early in the fall when the nursing faculty meets.

- Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Assignments	Find or create videos or a media presentation to introduce each of the lab topics.	Media presentations allow students to prepare for lab and have more time to practice. They also give students a place to go to review skills.	2014

- Is there anything that you would like to mention that was not already captured?

III. Attached Files

Lab Skills

Lab Rubrics

Anecdotal

Final clinical Evaluation

Faculty/Preparer: Sherry MacGregor **Date:** 06/11/2014
Department Chair: Rene Stark **Date:** 07/24/2014
Dean: Kristin Brandemuehl **Date:** 07/29/2014
Assessment Committee Chair: Michelle Garey **Date:** 09/24/2014

I. Background Information

1. Course assessed:
Course Discipline Code and Number: **NUR 232**
Course Title: **Nursing of Children, Clinical**
Division/Department Codes: **HAT/NHSD 15200**
2. Semester assessment was conducted (check one):
 - Fall 2008-Fall 2009
 - Winter 2009-2010
 - Spring/Summer 2009
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): **Anecdotal Notes, Lab Skills Check-Out**
4. Have these tools been used before?
 - Yes
 - No No-New since Fall 2006

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.
Since the last MSF revision—5 semesters used for assessment (Fall 2008 through Winter 2010)
Enrollement- Total: 162 Assessed: 162
6. Describe how students were selected for the assessment.
All students used for the assessment

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.
N/A—this is the first course assessment since MS was revised in 2007
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.
 - 1. Perform nursing skills correctly that relate to the care of children with health deviations.**
 - 2. Provide safe nursing care of the pediatric patient using the nursing process and each of the core competencies in the acute care setting.**
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.*
 - 1. Students achieved a 94% or higher pass rate on first time check out on their lab skills. Attached, find a summary by semester, of number of students, number of skills, and the percentage of students who passed each skill**
 - 2. 210 students (100%) received a “P” in clinical, based upon anecdotal records.**
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.*
 - 1. Perform nursing skills correctly that relate to the care of children with health deviations,**
 - Standard was that 75% of all students pass each skill check-out on the first attempt.
 - Students achieved a 94% or higher pass rate on first time check out on their lab skills.

2. Provide safe nursing care of the pediatric patient using the nursing process and each of the core competencies in the acute care setting.

- **Standard was that 90% of students achieve a grade of "Pass" in clinical based on the final evaluation.**

- **Students achieved a 100% pass rate on their final evaluations**

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in assessment results.

Strengths: Standards of success were met for both course outcomes

Weaknesses: Students had the most trouble with the Port Accessing and De-accessing skill

III. Changes influenced by assessment results

1. If weaknesses were found (see above) or students did not meet expectations, describe the action that will be taken to address these weaknesses. **Re-make the Port Accessing and De-accessing skill video. Alert students to the need for more practice on this skill.**

2. Identify intended changes that will be instituted based on results of this assessment activity (check all that apply). Please describe changes and give rationale for change.

a. Outcomes/Assessments on the Master Syllabus

Change/rationale:

b. Objectives/Evaluation on the Master Syllabus

Change/rationale:

c. Course pre-requisites on the Master Syllabus

Change/rationale:

d. 1st Day Handouts

Change/rationale:

e. Course assignments

Change/rationale:

f. Course materials (check all that apply)

Textbook

Handouts

Other: **Change/Rationale: Re-shoot skill video of accessing and de-accessing a port. Help students more clearly see the details of this skill.**

g. Instructional methods

Change/rationale:

h. Individual lessons & activities

Change/rationale:

3. What is the timeline for implementing these actions? _____

IV. Future plans

1. Describe the extent to which the assessment tools used were effective in measuring student achievement of learning outcomes for this course.

2. If the assessment tools were not effective, describe the changes that will be made for future assessments.

3. Which outcomes from the master syllabus have been addressed in this report?

All Selected _____
If "All", provide the report date for the next full review: Spring 2013.
If "Selected", provide the report date for remaining outcomes: _____.

Submitted by:

Print: <u>Sherry MacGregor</u> Faculty/Preparer	Signature <u>Sherry MacGregor</u>	Date: <u>July 2010</u>
Print: <u>Gloria Velarde</u> Department Chair	Signature <u>Gloria Velarde</u>	Date: <u>7/27/2010</u>
Print: <u>Granville Lee</u> Dean/Administrator	Signature <u>G. W. Lee</u>	Date: <u>7/27/2010</u>

logged 7/29/10 sjf