

**Course Assessment Report**  
**Washtenaw Community College**

| Discipline                           | Course Number            | Title   |
|--------------------------------------|--------------------------|---|
| Health Science                       | 100                      | HSC 100 01/03/2017-Basic Nursing Assistant Skills |
| Division                             | Department               | Faculty Preparer                                  |
| Health Sciences                      | Nursing & Health Science | Rene Stark  |
| Date of Last Filed Assessment Report |                          |   |

**I. Assessment Results per Student Learning Outcome**

Outcome 1: Recognize concepts, terms and methods related to the duties of the Nurse Assistant, using guidelines from the State of Michigan Department of Public Health.

- Assessment Plan
  - Assessment Tool: Multiple choice final
  - Assessment Date: Winter 2016
  - Course section(s)/other population: Random sample of two sections from each of three semesters each year
  - Number students to be assessed: All students in selected sections
  - How the assessment will be scored: The multiple choice exam will be scored using an answer key. Item analysis will be performed on the multiple choice exam questions.
  - Standard of success to be used for this assessment: 90 percent of the students should achieve a minimum of 76% score.
  - Who will score and analyze the data: HSC 100 Course Coordinators

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) |
|-----------------------------|-------------------------------|------------------------------|
| 2015, 2014                  | 2016, 2015, 2014              | 2016                         |

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

| # of students enrolled | # of students assessed |
|------------------------|------------------------|
| 940                    | 135                    |

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.

There are several sections offered each semester, yielding a very large sample. Therefore, one day and evening section were selected from each fall and winter semester (2014, 2015, 2016) to provide a random sample of students. All students in each of the selected sections were used for this assessment.

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.

50% of the sample group were enrolled in face-to-face sections, and 50% were enrolled in blended sections. 50% were in the day class, and 50% were in the evening class.

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

The multiple-choice exam will be scored using an answer key. Item analysis will be performed on the multiple choice exam questions.

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

133 out of 135 (98.5%) students achieved a 76% or higher score on the multiple-choice exam.

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

Based on the data, the majority of the students (98.5%) are able to successfully pass the written exams. The curriculum is effectively meeting the learning needs of the students.

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.

No areas of deficiency were noted. Plans are to continue with current curriculum.

Outcome 2: Demonstrate skills (independently and with 100% accuracy) related to the performances of a Nurse Assistant's duties, using guidelines from the State of Michigan Department of Public Health.

- Assessment Plan
  - Assessment Tool: Clinical Performance Evaluations and Nursing Assistant Skills Record Checklist.
  - Assessment Date: Winter 2016
  - Course section(s)/other population: Random sample of two sections from each of three semesters each year
  - Number students to be assessed: All students in selected sections
  - How the assessment will be scored: Skills checklist and clinical performance will be scored using the student achievement record. All skills are pass/fail.
  - Standard of success to be used for this assessment: 80% of the students must successfully complete 100% on the skills checklist and clinical performance record in order to be successful.
  - Who will score and analyze the data: HSC 100 Course Coordinators

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) |
|-----------------------------|-------------------------------|------------------------------|
| 2015, 2014                  | 2016, 2015, 2014              | 2016                         |

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

| # of students enrolled | # of students assessed |
|------------------------|------------------------|
| 940                    | 135                    |

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.

There are several sections offered each semester, yielding a very large sample. Therefore, one day and evening section were randomly selected from each fall and winter semester (2014, 2015 and 2016) to provide a sample of students. All students in each of the selected sections were used for this assessment.

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.

Day classes are offered in a blended format, evening are face-to-face. 50% of the sample group were enrolled in evening/face-to-face sections, and 50% were enrolled in day/blended sections.

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

Skills checklist and clinical performance will be scored using the student achievement record. All skills are pass/fail.

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

129 out of 135 (95.5%) students successfully completed their skills in lab and performed their skills at a satisfactory level at clinical.

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

The majority of students (95.5%) are able to successfully perform skills at a proficient level. Lab instruction and open lab availability appears to be enhancing students education and success rates.

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.

Benchmark has been exceeded. Plans are to continue with current lab instruction and to continue offering open lab practice.

## 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?

In 2011 we added 10 hours to the program, and in 2013 we added 4 hours per week of open lab practice. Based on the current data, these changes have resulted in improved pass rates/ student success.

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

At the next department meeting this information will be shared.

3. Intended Change(s)

| Intended Change      | Description of the change | Rationale | Implementation Date |
|----------------------|---------------------------|-----------|---------------------|
| No changes intended. |                           |           |                     |

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

5.

### III. Attached Files

[HSC100 data](#)

**Faculty/Preparer:** Rene Stark **Date:** 01/03/2017  
**Department Chair:** Mary Burns-Coral **Date:** 01/06/2017  
**Dean:** Valerie Greaves **Date:** 02/09/2017  
**Assessment Committee Chair:** Ruth Walsh **Date:** 03/07/2017

**Course Assessment Report  
Washtenaw Community College**

| Discipline                           | Course Number            | Title   |
|--------------------------------------|--------------------------|---|
| Health Science                       | 100                      | HSC 100 04/09/2013-Basic Nursing Assistant Skills |
| Division                             | Department               | Faculty Preparer                                  |
| Math, Science and Health             | Nursing & Health Science | Rene Stark  |
| Date of Last Filed Assessment Report |                          |   |

**I. Assessment Results per Student Learning Outcome**

Outcome 1: Recognize concepts, terms and methods related to the duties of the Nurse Assistant, using guidelines from the State of Michigan Department of Public Health.

- Assessment Plan
  - Assessment Tool: Multiple choice final
  - Assessment Date: Spring/Summer 2011
  - Course section(s)/other population: Two sections from each of three semesters each year.
  - Number students to be assessed: 120
  - How the assessment will be scored: The multiple choice exam will be scored using an answer key. Item analysis will be performed on the multiple choice exam questions.
  - Standard of success to be used for this assessment: 100 percent of the students should achieve a minimum of 76% score.
  - Who will score and analyze the data: HSC 100 Course Coordinators

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, 2011                  | 2012                          |                              |

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

| # of students enrolled | # of students assessed |
|------------------------|------------------------|
| 536                    | 120                    |

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.

The number of students enrolled is greater than the number of students assessed. This course has hundreds of students enrolled each year. A large portion of those students' data (116) was extracted for assessment purposes.

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.

Student population assessed was extracted from two main campus day sections, two main campus evening sections, one extension center day section, and one extension center evening section.

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

Students' exam averages (3 multiple choice exams, all weighted equally) were assessed. Students scoring above 76% were successful in the theory portion of the course and permitted to continue to the lab component.

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

Of 116 students, 111 passed the written exams with a 76% or higher grade. Therefore, the pass rate was 94%.

Our standard was 100% would pass, which was not realistic. This will be changed to 90% for future assessment standards.

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

The pass rate for this outcome is 94%. Students generally are doing very well on the written assessments. All course content is now available face-to-face and/or online.

However, being that the standard of success was set at 100% will pass, scores fell below this standard. Standard of 90% will be set for future assessments.

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.

Currently, if a student misses an exam, they fail the course. Students would benefit from a make-up lecture/exam day. Five hours of lecture/make-up exam day will be added to the course as of January 2014.

Outcome 2: Demonstrate skills (independently and with 100% accuracy) related to the performances of a Nurse Assistant's duties, using guidelines from the State of Michigan Department of Public Health.

- Assessment Plan
  - Assessment Tool: Clinical Performance Evaluations and Nursing Assistant Skills Record Checklist.
  - Assessment Date: Spring/Summer 2011
  - Course section(s)/other population: Two sections from each of three semesters each year.
  - Number students to be assessed: 120
  - How the assessment will be scored: Skills checklist and clinical performance will be scored using the student achievement record. All skills are pass/fail.
  - Standard of success to be used for this assessment: 80% of the students must successfully complete 100% on the skills checklist and clinical performance record in order to be successful.
  - Who will score and analyze the data: HSC 100 Course Coordinators

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, 2011                  | 2012                          |                              |

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

| # of students enrolled | # of students assessed |
|------------------------|------------------------|
| 536                    | 116                    |

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.

The number of students enrolled is greater than the number of students assessed. This course has hundreds of students enrolled each year. A large portion of those students' data (116) was extracted for assessment purposes.



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.

Student population assessed was extracted from two main campus day sections, two main campus evening sections, one extension center day section, and one extension center evening section.

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

Skills checklist and clinical performance were scored using the student achievement record. All skills are pass/fail.

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

Out of the 116 students enrolled, 106 were successful in passing the lab/clinical skills.

The standard of success was set at 80% pass rate, the data outcome scored 91%. This goal was met.

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

Course assessment standard was set at 80%.

Students have successfully passed lab/clinical skills at a 91% pass rate. Current lab/clinical instruction is effective in assisting students to meet this standard.

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.

Currently, if a student misses one day of lab, that is considered a lab failure (as the skills were not successfully checked off). Students would benefit from an additional lab day. As of January 2014, five hours of additional lab will be offered for students to review skills and/or successfully complete lab skills that may have been missed due to an absence.

## 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?

Overall, the course is meeting the needs of the students. However, it was noted that students would benefit from an additional day for make-up exams/ extra time for lab practice and check-off opportunities.

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

The results of this data were discussed with Dean Showalter, and nursing faculty in the department. It was agreed that students would greatly benefit from the additional five hours of lecture and five hours of lab. As of January 2014, the course will be 100 hours, instead of 90.

3. Intended Change(s)

| Intended Change                 | Description of the change   | Rationale   | Implementation Date |
|---------------------------------|---|---|---------------------|
| Other: Increase in course hours | Increase in five hours of lecture, increase in five hours of lab. | Students currently fail the course if they miss one day of the program. This change will allow for one day of absence during the lecture days, and one day of absence during the lab days. It will also provide additional time for lab/clinical practice. This change should increase our students' success rates. | 2014                |

4. Is there anything that you would like to mention that was not already captured?
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### III. Attached Files

[Data for HSC 100](#)

**Faculty/Preparer:** Rene Stark

**Date:** 5/8/13

**Department Chair:** Vickie Salter

**Date:** 5/16/13

**Dean:** Martha Showalter

**Date:** 6/13/13

**Assessment Committee Chair:** Michelle Garey

**Date:** 7/16/13

**COURSE ASSESSMENT REPORT**

**I. Background Information**

1. Course assessed:  
 Course Discipline Code and Number: **HSC 100**  
 Course Title: **Basic Nursing Assistant Skills**  
 Division/Department Codes: **HAT/NHSD**
2. Semester assessment was conducted (check one):  
 Fall 2007  
 Winter 2008  
 Spring/Summer 2008
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): **Nursing Assistant Skills Record**
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/actual number of students enrolled in the course per semester.
 

|                                |                  |             |                    |             |                     |             |
|--------------------------------|------------------|-------------|--------------------|-------------|---------------------|-------------|
| • <b>Multiple Choice Tests</b> | <b>Fall 2007</b> | <b>- 40</b> | <b>Winter 2008</b> | <b>- 46</b> | <b>Spr/Sum 2008</b> | <b>- 44</b> |
| • <b>Skills</b>                | <b>Fall 2007</b> | <b>- 40</b> | <b>Winter 2008</b> | <b>- 46</b> | <b>Spr/Sum 2008</b> | <b>- 44</b> |

6. Describe how students were selected for the assessment.  
**Random Sample of 2 sections per semester**

**II. Results**

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.  
**No Previous Assessment**
2. State each outcome (verbatim) from the master syllabus for the course that was assessed.
  - a. **Recognize concepts, terms, and methods related to the duties of the Nurse Assistant, using guidelines from the State of Michigan Department of Public Health. (Item analysis of multiple choice final).**
  - b. **Demonstrate skills (independently and with 100% accuracy) related to the performance of a Nurse Assistant's duties, using guidelines from the State of Michigan Department of Public Health. Review of success rates on Nursing Assistant Skills Record Checklist).**
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.*
  - **Based on collected data students have done extremely well with hands on skill performance according to the skill criteria. This was evidenced by skill check offs. The percentage of students that passed the lab skills performance during F07, W08, and SS08 were 100%, 100%, and 97.72% respectively.**
  - **The data collected and assessed on multiple choice tests was over all very positive. The percentage of students that passed the lab skills performance during F07, W08, and SS08 were 100% for all sections.**

**COURSE ASSESSMENT REPORT**

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.*

**Concepts – 76% each student will achieve 76% on Final and each test – met in all three semesters**

**Skills – 100% each student will achieve 100% on Skills Check – met in 2 of 3 semesters**

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

**Strengths: Overwhelming majority of students assessed passed skills check off. Students demonstrate excellent hands on skills.**

**Weaknesses: Some students had difficulty with the concepts of payment methods/reimbursement for care given for long term care residents.**

**Another area of weakness was shown in the area of communication and implementation of care with residents who have dementia.**

**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.

**Part-time instructors will be made aware of the weak results in student knowledge of payment methods in long term care. This area will be given more emphasis.**

Improve content/Improve tool (test questions)

**Part-time instructors will be made aware of results through regular course faculty meetings. We will problem solve this area. There will definitely be more emphasis on dementia care. Some role playing will also be implemented, which has shown to be very effective.**

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: **Changes to reflect revised Michigan NAT program curriculum**

- c.  Course pre-requisites on the Master Syllabus

Change/rationale:

- d.  1<sup>st</sup> Day Handouts

Change/rationale:

- e.  Course assignments

Change/rationale:

- f.  Course materials (check all that apply)

Textbook

Handouts

Other:

- g.  Instructional methods

Change/rationale:

- h.  Individual lessons & activities

Change/rationale: **Part-time instructors will be made aware of weak areas in concepts and those areas will be more thoroughly targeted in lectures and activities.**

**COURSE ASSESSMENT REPORT**

3. What is the timeline for implementing these actions?

The tool has already been adjusted. I made sure questions were very clearly presented to avoid misinterpretation. Meeting with part-time instructors will take place on August 27, 2008. Frequency of HSC 100 Faculty meetings: annual face-to-face and ongoing communication via email correspondence and phone calls.

**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.

Skill check off tools very effective. No changes.

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

Final exam has been adjusted to clarify concepts mentioned above.

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

All X Selected \_\_\_\_\_

If "All", provide the report date for the next full review: 2011

If "Selected", provide the report date for remaining outcomes: \_\_\_\_\_

**Submitted by:**

Name: Linda Lukiewski / Linda Lukiewski Date: 12-2/08  
Print/Signature

Department Chair: Gloria Velarde / Gloria Velarde Date: 12/2/08  
Print/Signature

Dean: Granville Lee / Granville Lee Date: 12/3/08  
Print/Signature

logged 12/3/08 sjv