Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Health Science	100	HSC 100 08/23/2024-Basic Nursing Assistant Skills
College	Division	Department
Health Sciences	Health Sciences	Health Science
Faculty Preparer		Rene Stark
Date of Last Filed Assessment Report		10/30/2020

I. Review previous assessment reports submitted for this course and provide the following information.

1. Was this course previously assessed and if so, when?

   Yes

   This course was last assessed through Fall 2019.

2. Briefly describe the results of previous assessment report(s).

   All benchmarks were met. A new student learning outcome was added to track students' success rates in passing the Michigan CNA (Certified Nurse Aide Exam). Benchmark for success was set at 80%.

3. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

   Since the last assessment cycle, students' success rates on the Michigan CNA exam have been recorded. The data from this will be utilized in the current assessment process.

II. Assessment Results per Student Learning Outcome

Outcome 1: 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: Fall 2023
  - Course section(s)/other population: All sections

- Number students to be assessed: Random sample of all students with a minimum of one full section
- 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)
2023, 2022	2023, 2024	2023

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

# of students enrolled	# of students assessed
231	211

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.

Some of the students had withdrawn or did not participate in 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.

All populations (day/evening/mixed mode) were utilized for this assessment report.

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 or 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
This skills achievement record indicated that 199 out of 211 students (94.3%) who were in the lab/clinical portion of the program were proficient in their lab/clinical skills.

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

Students are successfully performing lab skills. Educational methods are effective in preparing students for lab/clinical experiences.

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.

Current practices are effective. Faculty will continue to look at the data semester to semester and make adjustments as needed. This practice of continuous assessment and adjustments has proven to produce great results. For example, data derived from the Michigan Headmaster CNA pass-rate reports indicated that some students were missing certain steps on their clinical skill check offs. When teaching those specific skills and steps, faculty now stress the importance of steps that have been frequently missed. As an example, checking for pain when performing range of motion was something frequently missed. Since we have made a point to stress this in class, this is no longer an area students are failing on their Michigan CNA exam.

Outcome 2: 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: Outcome-related multiple-choice final exam questions
    - Assessment Date: Fall 2023
    - Course section(s)/other population: All sections
    - Number students to be assessed: All students
    - 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 will score 76% or higher on the outcome-related questions.
    - 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)
2023, 2022	2024, 2023	2023

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

# of students enrolled	# of students assessed
222	211

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.

Some of the students withdrew and some did not participate in coursework.

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 populations (day/evening/mix mode) were utilized for this assessment report.

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 was scored using an answer key. Item analysis was performed on the multiple-choice exam questions. The Goals Alignment Tool was utilized in Blackboard (see supporting documents for course reports).

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
208 out of 211 students (98.5%) scored 76% or higher 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.

Students performed well on their written exam. 98% of all students were able to recognize terms and concepts related to nursing assistant care.

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.

Current teaching practices are effective in preparing students for the final exam and their Michigan state written exam. Faculty will continue to look at data as it relates to instructing students and make adjustments as needed.

Outcome 3: Pass the Michigan Nurse Aide Exam and obtain Certified Nurse Aide credential.

- Assessment Plan
    - Assessment Tool: Michigan Nurse Aide Competency Examination Training Program Report
    - Assessment Date: Fall 2023

- Course section(s)/other population: All students who took the Michigan Nurse Aide Competency Examination
- Number students to be assessed: All students
- How the assessment will be scored: An item analysis will be done on each of the 22 skills to identify areas of weakness and strengths
- Standard of success to be used for this assessment: 80% of students taking the Michigan Nurse Aid Exam will pass their clinical skill test and obtain Certified Nurse Aide credential
- Who will score and analyze the data: HSC 100 Program 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)
2023, 2022	2024, 2023	2023

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

# of students enrolled	# of students assessed
231	211

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.

Some students withdrew and others did not participate in coursework.

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 populations (day/evening/mix mode) were utilized for this assessment report.

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

The Headmaster report was utilized to assess this outcome. The report indicates how many students took the Michigan CNA exam, and if they passed the clinical and written portions of the exam.

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
160 students took their Michigan CNA exam. 91.5% of the students passed their written exam, and 93.1% passed their clinical exam. This exceeds the standard of success, and also exceeds the Michigan state pass-rate average for all other

programs offered in the state of Michigan. See supporting documents for more details.

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

WCC's students are passing their Michigan CNA exam at rates well above the state average. Current instructional practices are preparing our students for success on their Michigan CNA exam (see attached files for more details).

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.

We will continue to do what we have been doing all along- looking at the data on an ongoing basis. When we notice an area that students are not passing, we add more instruction in that area. Currently, we have not noticed patterns or trends showing content weakness. However, we will continue to assess semester-to-semester to assure our students are getting the best education possible.

III. Course Summary and Intended Changes Based on Assessment Results

1. Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

Since the last assessment, we added looking at the Michigan CNA pass-rates as part of the assessment process. Each semester we look at the content that students are missing when they do not pass their CNA exam. When we saw patterns of weakness, we would beef up that area. For example, when some of the terms that students were getting wrong on their written exams were not stressed in our curriculum, we added more information to our curriculum on those terms. We quickly noticed pass-rates going up as we did this.

2. 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?

This course is very effective in meeting students' needs. Almost 100% of students who apply themselves are successful in this course. In addition, the pass-rates in the Michigan CNA exam testify to the quality education this course offers.

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

This report will be discussed at our next department meeting.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date

No changes intended.

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

III. Attached Files

CNA pass-rates
Goals alignment reports
Data discussion

Faculty/Preparer:	Rene Stark	**Date:** 08/23/2024
Department Chair:	Valerie Greaves	**Date:** 08/26/2024
Dean:	Shari Lambert	**Date:** 08/30/2024
Assessment Committee Chair:	Jessica Hale	**Date:** 02/26/2026

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Health Science	100	HSC 100 09/17/2020-Basic Nursing Assistant Skills
Division	Department	Faculty Preparer
Health Sciences	Health Science	Rene Stark
Date of Last Filed Assessment Report		03/17/2017

I. Review previous assessment reports submitted for this course and provide the following information.

1. Was this course previously assessed and if so, when?

   Yes

   Yes, Fall 2017

2. Briefly describe the results of previous assessment report(s).

   Data from 135 students (representing around 10% of all students enrolled in the course during the 3-year cycle) revealed that 95% of students were successful in both the written assessments, and in passing the lab/clinical skill demonstrations. Bench marks for outcomes were met. No changes were made to the course/master syllabus.

3. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

   No changes were recommended. No chages were made.

II. 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: Fall 2019
  - 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)
2019, 2018, 2017	2019, 2018, 2017	2018, 2017, 2019

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

# of students enrolled	# of students assessed
1427	1085

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 majority of the students were assessed (76%). Those students who were not assessed were in sections where the data was not easily accessible.

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.

Students in the data represent day, evening, blended, and face-to-face course offerings.

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 was scored using an answer key. Item analysis was 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

1,042 out of 1,085 students (96%) achieved a 76% or higher 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.

The majority of students (96%) are successful in their written assessments. In reviewing test questions that are missed, there are not patterns or trends. The curriculum is effective in preparing students to recognize concepts, terms and methods related to the duties of the Nurse Assistant.

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.

Student performance for this outcome has exceeded the benchmark. Plans are to continue with current practices.

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: Fall 2019
    - 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)
2019, 2018, 2017	2019, 2018, 2017	2019, 2018, 2017

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

# of students enrolled	# of students assessed
1427	1085

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 majority of students were assessed. The students who were not assessed were in sections where the data was not easily accessible.

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.

Students in the data represent day, evening, blended, and face-to-face course offerings.

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 or 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
This skills achievement records indicated that 1010 out of 1085 students (93%) who were in the lab/clinical portion of the program, were proficient in their lab/clinical skills.

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 (93%) are able to successfully perform skills at a proficient level. Lab instruction and open lab availability are enhancing students' education and success rate.

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.

Student did meet the standard of success.

Plan for continuous improvement: In addition to using the Student Achievement Record as a tool for assessing this outcome, the HSC 100 program coordinator would like to also use the Prometric pass rate reports. These reports are generated when a student takes the Michigan State Certified Nursing Assistant Exam. The reports indicate which skills the students pass, and which ones they fail. Over the years, we have used this information to update the program, but have never included it in the formal process of course assessment. For the next cycle, this information will be included. The master syllabus will be updated to include this tool for assessment purposes.

III. Course Summary and Intended Changes Based on Assessment Results

1. Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

No changes have been implemented since the last report. The current plan is effective in students meeting benchmarks.

2. 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, students are successfully meeting course benchmarks for outcomes. However, the Prometric pass rates have not been reflected in this assessment process. This class is designed to prepare students for success on their Michigan Certified Nursing Assistant exam. In order to know if the course successfully has done that, the Michigan State Prometric pass rates need to be examined, and patterns of skill failures/passes need to be identified. A new outcome/benchmark needs to be added to reflect this information.

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

This new action plan will be shared with all HSC 100 faculty, and at the next full-time department meeting.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date

Outcome Language	An additional Student Learning Outcome added: Successfully pass the clinical portion of the Michigan State Certified Nursing Assistant (CNA) Exam Assessment tool: Prometric pass-rate report How the assessment will be scored: There are 22 skills included in the Michigan State CNA exam. When a student is not successful in passing the test, the skill that was not passed is included in the Prometric pass rate report. Pass rates for each of the 22 skills will be identified for areas of course weakness/strengths Standard of Success: 80% of students will be successful in passing the Michigan State CNA exam	Students' success in the classroom needs to lead to success outside of the classroom. By utilizing the data from the Prometric pass rate report, we will be able to know if we have truly prepared students for success.	2021

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

6.

III. Attached Files

HSC 100 Data

Faculty/Preparer:	Rene Stark	**Date:** 09/17/2020
Department Chair:	Kiela Samuels	**Date:** 09/18/2020
Dean:	Valerie Greaves	**Date:** 09/21/2020
Assessment Committee Chair:	Shawn Deron	**Date:** 10/29/2020

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?

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.
   - **Multiple Choice Tests** **Fall 2007 – 40** **Winter 2008 – 46** **Spr/Sum 2008 – 44**
   - **Skills** **Fall 2007 – 40** **Winter 2008 – 46** **Spr/Sum 2008 – 44**

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.**

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. ☐ 1st 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.**

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 A Velarde Date: 12/2/08
Print/Signature

Dean: Granville Lee /G. D. Lee Date: 12/3/08
Print/Signature

logged 12/3/08 JV