

**Course Assessment Report
Washtenaw Community College**

Discipline	Course Number	Title
Health Science	147	HSC 147 03/04/2022- Growth and Development
College	Division	Department
Health Sciences	Health Sciences	Health Science
Faculty Preparer	Hiralal Dedhia	
Date of Last Filed Assessment Report	10/29/2018	

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 previously assessed in Summer 2018. Thirty-eight students were included in the assessment.

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

The standard of success was met for all three outcomes in this assessment. Students performed very well on all but a few questions. Those questions were identified for review.

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

Questions where fewer than 70% of the students answered correctly were identified and scheduled for review to improve instruction.

II. Assessment Results per Student Learning Outcome

Outcome 1: Identify the physical, cognitive and psychosocial changes of individuals from birth until death.

- Assessment Plan
 - Assessment Tool: Department exams
 - Assessment Date: Fall 2021
 - Course section(s)/other population: All

- Number students to be assessed: Random sample of 75% of all students
- How the assessment will be scored: Answer key
- Standard of success to be used for this assessment: 75% of students will score 70% or higher on outcome-related test questions
- 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)
2021		

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

# of students enrolled	# of students assessed
57	39

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.

Approximately 18 students either stopped attending or did not complete this test. All students present for the test were included in the 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.

All students in all sections were assessed.

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

Forty-eight test questions that aligned with this outcome were used for the assessment. The questions were identified using the Goals Tool in Blackboard. Results of the test were scored and Goals Performance Reports were generated.

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
 Students performed very well on this outcome. 97% (38 of 39 students) scored 70% or higher. Overall the average score on these outcome-related questions was

90%. A review of the individual questions identified two questions where fewer than 70% of the students answered the questions correctly. These have been identified for follow-up.

Students exceeded the standard of success for this outcome.

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

Students performed very well on these outcome-related question. These questions focused on the physical, cognitive and psychosocial change individuals undergo from birth until death. Students had a good grasp of the course content and were able to answer the questions correctly.

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.

There were two questions where fewer than 70% of students scored correctly, at 58% and 65% respectively. These questions were both related to physical changes. More emphasis will be placed on this course content.

Outcome 2: Recognize the role of the family throughout the life span.

- Assessment Plan
 - Assessment Tool: Department exams
 - Assessment Date: Fall 2021
 - Course section(s)/other population: All
 - Number students to be assessed: random sample of 75% of all students
 - How the assessment will be scored: Answer key
 - Standard of success to be used for this assessment: 75% of students will score 70% or higher on outcome-related test questions
 - 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)
2021		

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

# of students enrolled	# of students assessed
57	39

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.

Approximately 20 students either stopped attending or did not complete this test. All students present for the test were included in the 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.

All students in all sections were assessed.

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

Twenty-two test questions that aligned with this outcome were used for the assessment. The questions were identified using the Goals Tool in Blackboard. Results of the test were scored and Goals Performance Reports were generated.

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
 Students also performed very well on this outcome. Thirty-nine students (100%) scored 70% or higher on the outcome-related questions. This exceeds the standard of success. Students were able to recognize the role the family plays throughout the lifespan, including childrearing, education, independence, parenting and grandparenting.

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

Students performed very well on all of the test questions with no consistent areas of weakness.

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.

On three test questions, fewer than 70% of the students answered correctly. The topics varied between multiple stages of life. Individual questions will be reviewed and there will be additional instruction on this course content.

Outcome 3: Identify a theory related to death and the grieving process.

- Assessment Plan
 - Assessment Tool: Department exams
 - Assessment Date: Fall 2021
 - Course section(s)/other population: All
 - Number students to be assessed: random sample of 75% of all students
 - How the assessment will be scored: Answer key
 - Standard of success to be used for this assessment: 75% of students will score 70% or higher on outcome-related test questions
 - 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)
2021		

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

# of students enrolled	# of students assessed
57	37

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.

Approximately 20 students either stopped attending or did not complete this test. All students present for the test were included in the 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.

All students in all sections were assessed.

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

Seven test questions that aligned with this outcome were used for the assessment. The questions were identified using the Goals Tool in Blackboard. Results of the test were scored and Goals Performance Reports were generated.

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

Students performed very well on this outcome. 97% (36 of 37 students) scored 70% or higher. Overall the average score on these outcome-related questions was 97%. A review of the individual questions did not mark any for follow-up.

Students exceeded the standard of success for this outcome.

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

Students performed very well on every outcome-related question. The lowest average score for any single question was 88%, therefore none of the questions need to be further evaluated. These questions focused on the end of life and the grieving process.

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 did extremely well on this outcome so no follow-up is required.

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 intended changes were identified.

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 used in Nursing and Physical Therapist Assistant. Students perform well in the class and it seems to prepare them for future courses.

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

This report will be discussed in the Departmental Meeting.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	Additional instruction to support student understanding of physical changes and multiple stages of life.	Questions in these areas had lower performance in the current assessment.	2022

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

6.

III. Attached Files

[HSC 147 Outcome 1 data](#)

[HSC 147 Outcome 2 data](#)

[HSC 147 Outcome 3 data](#)

[HSC 147 Outcome 1 questions](#)

[HSC 147 Outcome 2 questions](#)

[HSC 147 Outcome 3 questions](#)

Faculty/Preparer: Hiralal Dedhia **Date:** 03/04/2022

Department Chair: Kiela Samuels **Date:** 04/21/2022

Dean: Shari Lambert **Date:** 04/21/2022

Assessment Committee Chair: Shawn Deron **Date:** 07/26/2022

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Health Science	147	HSC 147 09/24/2018- Growth and Development
Division	Department	Faculty Preparer
Health Sciences	Health Science	Hiralal Dedhia
Date of Last Filed Assessment Report		

I. Assessment Results per Student Learning Outcome

Outcome 1: Identify the physical, cognitive and psychosocial changes of individuals from birth until death.

- Assessment Plan
 - Assessment Tool: Department exams
 - Assessment Date: Fall 2012
 - Course section(s)/other population: all
 - Number students to be assessed: 75% of students from each section
 - How the assessment will be scored: Departmentally-developed exams
 - Standard of success to be used for this assessment: 75% of students from all sections will have an average score of 70% or higher on all exams.
 - 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)
		2018

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

# of students enrolled	# of students assessed
38	38

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.

N/A

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 in all sections were assessed.

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

Questions from all exams were reviewed to identify questions associated with outcome #1. Six (6) questions were selected. Each student's response to the questions was scored using an answer key and the results were calculated.

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

For outcome #1, 92% of the students (35 of 38) correctly answered 85% (5 of 6 or higher) or more of the questions. Three students correctly answered 66% (4 of 6) questions. Each question was reviewed and at least 79% of the students correctly answered each question. Therefore, students met the standard of success.

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

Students did very well recognizing the physical and cognitive changes of individuals from birth until death.

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 minor difficulty with the psychosocial changes of individuals from birth until death. While students still met the standard of success, only 79% were able to correctly answer question #5.

Outcome 2: Recognize the role of the family throughout the life span.

- Assessment Plan
 - Assessment Tool: Department exams

- Assessment Date: Fall 2012
- Course section(s)/other population: all
- Number students to be assessed: 75% of students from each section
- How the assessment will be scored: Departmentally-developed exams
- Standard of success to be used for this assessment: 75% of students from all sections will have an average score of 70% or higher on all exams.
- 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)
		2018

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

# of students enrolled	# of students assessed
38	38

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.

N/A

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 in all sections were assessed.

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

Questions from all exams were reviewed to identify questions associated with outcome #2. Six (6) questions were selected. Each student's response to the questions was scored using an answer key and the results were calculated.

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

For outcome #2, 100% of the students (38 of 38) correctly answered 85% (5 of 6 or higher) or more of the questions. Each question was reviewed and at least 87% of the students correctly answered each question. Therefore, students met the standard of success.

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

Students did extremely well on this outcome with 100% of the students scoring 85% or higher. They were able to accurately recognize the role of the family throughout the life span.

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 very few incorrect responses to all of the questions related to the role of the family.

Outcome 3: Identify a theory related to death and the grieving process.

- Assessment Plan
 - Assessment Tool: Department exams
 - Assessment Date: Fall 2012
 - Course section(s)/other population: all
 - Number students to be assessed: 75% of students from each section
 - How the assessment will be scored: Departmentally-developed exams
 - Standard of success to be used for this assessment: 75% of students from all sections will have an average score of 70% or higher on all exams.
 - 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)
		2018

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

# of students enrolled	# of students assessed
38	38

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.

N/A

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 in all sections were assessed.

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

Questions from all exams were reviewed to identify questions associated with outcome #3. Six (6) questions were selected. Each student's response to the questions was scored using an answer key and the results were calculated.

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

For outcome #3, 92% of the students (35 or 38) correctly answered 85% (5 of 6 or higher) or more of the questions. Three students correctly answered 66% (4 of 6) questions. Each question was reviewed and at least 79% of the students correctly answered each question. Therefore, students met the standard of success.

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

Students did very well in identifying theories related to death and the grieving process. 92% of the students scored 85% or higher.

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.

Only 79% of the students were able to correctly answer question #1 which was related to death.

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?

Students are doing very well in this course and it is meeting the needs of students in the Physical Therapist Assistant and Child Care Professional programs.

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

This report will be shared with faculty at a departmental meeting.

3. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	Test questions where students scored a little lower will be reviewed to determine if changes are needed. In addition, additional emphasis will be given to the psychosocial changes of individuals between birth and death.	Continuous improvement of the course	2019

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

5.

III. Attached Files

[HSC 147 Assessment data](#)

Faculty/Preparer: Hiralal Dedhia **Date:** 10/15/2018
Department Chair: Rene Stark **Date:** 10/16/2018
Dean: Valerie Greaves **Date:** 10/17/2018
Assessment Committee Chair: Shawn Deron **Date:** 10/25/2018

COURSE ASSESSMENT REPORT

I. Background Information

1. Course assessed:
 Course Discipline Code and Number: HSC 147
 Course Title: Growth and Development
 Division/Department Codes: MSHNR / NHS D

2. Semester assessment was conducted (check one):
 Fall 20__
 winter 2012_
 Spring/Summer 2012__

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 and the total number of students enrolled in the course.
 56 out of 67 students

6. If all students were not assessed, describe how students were selected for the assessment. *(Include your sampling method and rationale.)*

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.
 None
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus. *(You can copy and paste these from CurricUNET's WR report.)*

 Identify the physical, cognitive, and psychosocial changes of individuals from birth to death

 Recognize the role of the family throughout the life span

 Identify a theory related to death and the grieving process
3. For each outcome that was assessed, indicate the standard of success exactly as it is stated on the course master syllabus. *(You can copy and paste these from CurricUNET's WR report.)*

 75% of students from all sections will have an average score of 70% or higher on all exams.
4. Briefly describe assessment results based on data collected during the course assessment. Indicate the extent to which students are achieving each of the learning outcomes listed above and state whether the standard of success was met for each outcome. ***In a separate document, include a summary of the data collected and any rubrics or scoring guides used for the assessment.***

COURSE ASSESSMENT REPORT

These are multiple choice exams.

1. Identify the physical, cognitive, and psychosocial changes of individuals from birth to death
 - Physical changes- 89 % of all students have correct answers to these questions.
 - Cognition changes- 80% of all students have correct answers to these questions
 - Psychosocial changes- 84% students have correct answers to these questions.

2. Recognize the role of the family throughout the life span
 - 100% of all students have correct answers to these questions.

3. Identify a theory related to death and the grieving process
 - 100% of all students have correct answers to these questions.

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in the assessment results. *(This should be an interpretation of the assessment results described above and a thoughtful analysis of student performance.)*
 - Strengths: The students met standard of success.

 - Weaknesses: There was minute low score on cognition outcome.

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. *(If students met all expectations, describe your plan for continuous improvement.)*
 - None

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:

 - g. Instructional methods
 - Change/rationale:

 - h. Individual lessons & activities

COURSE ASSESSMENT REPORT

Change/rationale:

- 3. What is the timeline for implementing these actions?
N/A

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.

Extremely useful

- 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 X Selected _____

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

2015 _____.

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

None _____.

Submitted by:

Print: Hira Bedha Faculty/Preparer Signature [Signature] Date: 10/23/2012

Print: [Signature] Department Chair Signature Dr. Vickie Satter Date: 10/23/12

Print: Martha A. Showalter Dean/Administrator Signature Martha Showalter Date: 10/25/12