

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Physical Therapist Assistant	150	PTA 150 05/18/2015- Therapeutic Procedures I
Division	Department	Faculty Preparer
Health Sciences	Allied Health	Kathleen Cook
Date of Last Filed Assessment Report		

I. Assessment Results per Student Learning Outcome

Outcome 1: Describe guidelines for managing patient care environment.

- Assessment Plan
 - Assessment Tool: Departmental final exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50% from students enrolled in PTA 150 lecture and lab were reviewed.

2012 = 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from PTA 150 Lecture and Lab sections.

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

Outcome #1 (Based on MS 2010) Describe and demonstrate competent skills for managing the patient care environment.

On the final exam, questions #47 and #60 and sections 1 and 2 on the final practical were used. Students were considered competent if the questions were answered correctly and if they scored at least a 73% on each section on the final practical.

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

Over a 3-year period (avg.) 89% correctly answered #47 on the written final.

Over a 3-year period (avg.) 100% correctly answered #60 on the written final.

Over a 3-year period (avg.) 94% achieved a 73% or greater on sections 1 and 2 in the practical.

The average from 2012-2014, was 94% achieving the standard of success of 80% will receive full credit for selected responses.

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

Based on the assessment results, the students demonstrated strong competency in this area overall.

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 achieved the standard of success over the 3-year period. Continued success will be monitored through individual competencies and overall final exams.
--

Outcome 2: Describe factors affecting patient comfort.

- Assessment Plan
 - Assessment Tool: Departmental final exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50% of the students enrolled from 2012-2014 were reviewed.

2012 = 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from Lecture and Lab sections.

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

Outcome #2 (as stated on MS, 2010): Describe the factors that influence a patient's skin integrity related to positioning.

Questions # 55 and #56 from the final written exam and sections 2 and 3 from the final practical were used to assess this outcome. Students were considered competent if they correctly answered #55 and achieved 2/2 correctly on #56, and achieved at least a 73% on each section of the final practical.

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 question #55, over a 3-year period, 94% of the students correctly answered this question.

For question #56, over a 3-year period, 79% of the students correctly answered this question.

For Sections 2 and 3, over a 3-year period, 83% of the students successfully passed those sections.

The average for all 3 related data points was 83% from 2012-2014.

Based on the standard of 80% will receive full credit for selected responses, the standard of success was achieved.

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

Overall, student achievement in this area was strong. There was one question where the students demonstrated difficulties. This was a short answer/fill in type of question. This question will be reworked to a multiple choice style of question for consistency.

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.

Please see above.

Outcome 3: Describe the factors that influence skin integrity in patient populations.

- Assessment Plan
 - Assessment Tool: Departmental final exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50% of students enrolled in PTA 150 lecture and labs were reviewed.

2012 = 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from PTA 150 Lecture and Lab sections.

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

Outcome #3 (as written on MS 2010): Demonstrate safe body mechanics with all patient care activities.

Assessment tool: Final Practical Exam, all sections of the exam were used to assess student competency. Students needed to achieve passing scores in body mechanics and safety related elements to be considered competent in this area.

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

Met Standard of Success: Yes

Over a 3-year period, 92% (avg) achieved the criteria for being competent in the area of body mechanics.

The standard of success (80% would receive full credit) was achieved.

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

Students met the standard of success, however, upon review of the written final exam, there were no questions related to this objective on the exam. Two questions related to this outcome will be added to the written exam.

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.

Two questions related to this outcome will be added to the written final to better assess student learning.

Outcome 4: Demonstrate good body mechanics when performing patient care techniques.

- Assessment Plan

- Assessment Tool: Practical exam
- Assessment Date: Winter
- Course section(s)/other population: All
- Number students to be assessed: 1/3 of each section; no less than 4/section
- How the assessment will be scored:
- Standard of success to be used for this assessment:
- Who will score and analyze the data:

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

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2013, 2014, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50 % of the students enrolled in PTA 150 Lecture and Lab Sections were reviewed.
2012= 12/24
2013 = 12/20
2014 = 10/24

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 were randomly selected from PTA 150 lecture and lab sections.
--

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

Outcome #4 (as stated in MS, 2010): Describe and demonstrate safe and appropriate patient handling with bed mobility skills.

Question #36 on the written final and section 3 on the final practical were reviewed. Students had to correctly answer #36 and score at least 73% on section 3.

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

Over a 3-year period, 2012-2014, 100% of the students correctly answered # 36 correctly on the written exam and 100% achieved at least a 73% on section #3 of the final practical.

Over a 3-year period, 2012-2014, 100% of the students reviewed, achieved the standard of success (80% will successfully pass the selected criteria).

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

Students demonstrated strong achievement in this area. 100% of those reviewed achieved the standard of success.

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.

Will continue to monitor.

Outcome 5: Describe the components of standard precautions.

- Assessment Plan
 - Assessment Tool: Departmental final exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:

- Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50% of the students enrolled in PTA 150 lecture and lab sections were reviewed.
2012 = 12/24
2013 = 12/20
2014 = 10/20

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 were randomly selected from PTA 150 lecture and lab sections.
--

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

Outcome #5 (Based on MS 2010): Demonstrate basic wheelchair skills for patient activities.
Final Practical section 7 was used to assess this outcome.

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

Met Standard of Success: <u>Yes</u>

Over a 3-year period, 2012 - 2014, (avg). 83% passed this section on the final practical. The standard of success is that 80% will pass this competency. This has been achieved.

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

Overall, student achievement was strong in this area with 92% achieving the standard of success.

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.

While the standard was achieved, upon review, the practical section of this outcome needs to be emphasized more by students and instructors. Most students missed points here due to time management issues.

Outcome 6: Move a patient through activities of bed mobility.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2013, 2012, 2014		

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

# of students enrolled	# of students assessed
136	34

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.

At least 50% of students enrolled in PTA 150 lecture and lab sections were reviewed.

2012 = 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from PTA 150 lecture and lab sections.

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

Outcome #6 (as stated in MS 2010) Describe and demonstrate appropriate Passive Range of Motion skills.

Questions #26 and #34 on the written final, and Section 3 on the final practical were reviewed. Questions #26 and #34 needed to be answered correctly and students needed to achieve at least a 73% in section 3 to achieve this outcome.

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

From 2012-2014, 94% of the students correctly answered question #26.

From 2012-2014, 94% of the students correctly answered question #34.

From 2012-2014, 97% of students successfully passed section 3 on the final practical. Based on the standard of success of 80% of the students receiving full credit for the questions and passing the section on the lab final, the standard of success was achieved.

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

Student achievement in this area was strong with 96% of the students achieving the standard of success.

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.

Will continue to monitor

Outcome 7: Demonstrate the following transfers: bed/mat to wheelchair, bed/mat to standing, two-person lift, and wheelchair to car.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

From 2012-2014, at least 50 % from PTA 150 Lecture and Lab sections were reviewed.

2012= 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from PTA 150 lecture and lab sections.

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

Outcome #7 (as stated on MS 2010) Describe and demonstrate safe basic transfer techniques.

Questions #32 and 33 on the written final and section 5 on the final practical were reviewed.

Students needed to answer #32 and #33 correctly and students needed to achieve a 73% or greater in section #5 on the final practical.

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

From 2012-2014, 97% (avg) of the students answered question #32 correctly.

From 2012-2014, 100% (avg) of the students answered question #32 correctly.

From 2012-2014, 92% (avg) of the students achieved a 73% or greater on section 5 of the final practical.

Overall, for this outcome, 96% of the students from 2012-2014 achieved the standard of 80% will receive full credit and pass the related competency.

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

Student achievement for this outcome was strong with 96% of the students achieving the standard of success.

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.

Will continue to monitor.

Outcome 8: Measure an individual for a wheelchair.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013, 2012		

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

# of students enrolled	# of students assessed
136	34

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.

From 2012-2014, at least 50% of students enrolled in PTA 150 lecture and lab sections were reviewed.
--

2012 = 12/24

2013 = 12/20

2014 = 10/20

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 were randomly selected from PTA 150 lecture and lab sections.

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

Outcome #8 (as stated in MS, 2010) Demonstrate appropriate gait training on level and uneven surfaces:

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

Questions #16 and #27 and section #6 on the final practical were reviewed. Students were expected to answer the exam questions correctly and achieve at least 73% on section 6 of the final practical.

From 2012-2014, 97% (avg) of the students answered question #16 correctly.

From 2012 -2014, 100% (avg) of the students answered question #27 correctly.

From 2012 - 2014, 92% (avg) of the students achieved at least a 73% on section 6 of the final practical.

From 2012-2014, 96% of the students achieved credit and passed the related competency for this outcome, meeting the standard of success (80% will successfully pass the competency/receive full credit).

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

Student achievement was strong in this outcome, with 96% achieving the standard of success.

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.

Will continue to monitor.

Outcome 9: Determine if a wheelchair properly fits an individual and make minor adjustments to improve positioning.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter
 - Course section(s)/other population: All
 - Number students to be assessed: 1/3 of each section; no less than 4/section
 - How the assessment will be scored:
 - Standard of success to be used for this assessment:
 - Who will score and analyze the data:

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)
2014, 2013		

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

# of students enrolled	# of students assessed
88	34

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.

From 2012-2014, at least 50% of students enrolled in PTA 150 lecture and labs were reviewed.
--

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.

From 2012-2014, students were randomly selected from PTA 150 lectures and labs.

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

Outcome #9 (as written in MS, 2010) Students will be able to demonstrate competency with patient scenario requiring 3+ skill interventions.

This outcome looked at overall competency/passing of the final practical exam from 2012-2014.

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

From 2012-2014, 86% of the students passed the final practical exam.

2012 = 83%

2013 = 75%

2014 = 100%

The standard of success is that 80% will achieve this outcome. Over a 3-year period, the average is 86%. The standard of success is achieved.

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

In review of the final practical results from 2012-2014, student achievement related to this outcome was good at 85% achieving the standard of success. Those students reviewed that did not pass had issues with time management (2 each in 2012 and 2013). In 2013, one did not pass due to safety issues and another due to issues with overall performance/critical thinking.

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.

Will continue to monitor this area. This is the most critical element in review of PTA 150 - can students "put it all together" in a patient simulation. Time management is already incorporated into individual skills checks. In some students, this is the first time we see struggles with the "whole" concept.

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, this course appears to be meeting the needs of the students. This is based on course assessment process at WCC and accreditation standards required for the program. The instructor would like to revise some of the final exam questions to begin preparing students for the PTA Licensure Exam. While the exam content is appropriate, the revision of some questions would be of benefit for students.

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

The results will be shared at the next PTA Program Advisory Committee Meeting.

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?

Please be advised that this course assessment is based on Outcomes and Objectives written in the PTA 150 Master Syllabus in 2010. This is posted on the Curriculum website. The Course Assessment report, when pulled up, did not reflect these outcomes, so they were written in place of what was there to reflect an accurate assessment.

There was a course assessment report written for PTA 150 in 2010. This never made it to the website. Michelle Garey is aware.

III. Attached Files

[2015 PTA 150 Cours Assessment Summary](#)

[2015 Course Assessment Data](#)

Faculty/Preparer: Kathleen Cook **Date:** 11/24/2015

Department Chair: Connie Foster **Date:** 12/03/2015

Dean: Valerie Greaves **Date:** 01/23/2016

Assessment Committee Chair: Michelle Garey **Date:** 02/16/2016