



Physical Therapist Assistant Program
School of Science, Health, & Criminal Justice
Fall 2015 Assessment Report



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What was assessed? Student learning outcomes list:

- *SLO 1 - Communication Skills*
 - *Communicate verbally and non-verbally with the patient, the physical therapist, health care delivery personnel, and others in an effective, appropriate, and capable manner.*
- *SLO 2 – Intervention Implementation*
 - *Demonstrate competence in implementing and adjusting selected components of interventions identified in the plan of care established by the physical therapist.*
- *SLO 3 – Cultural Sensitivity*
 - *Recognize individual and cultural differences and respond appropriately in all aspects of physical therapy services.*
- *SLO 4 – Professional Conduct*
 - *Exhibit conduct that reflects practice standards that are legal and ethical.*
- *SLO 5 - Safety*
 - *Demonstrates safe practice in all situations.*



What was assessed? Student learning outcomes list: (con't)

- *SLO 6 – Plan of Care*
 - *Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.*
- *SLO 7 – Data Collection*
 - *Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care.*
- *SLO 8 – Problem Solving*
 - *Demonstrate sound clinical problem solving in the provision of physical therapy services.*
- *SLO 9 – Participation in Healthcare Environment*
 - *Participate in activities that contribute to the effective function of the healthcare environment.*
- *SLO 10 – Patient Education*
 - *Participate in educating and providing patient-related instruction to patients, family members, and caregivers based on the plan of care.*



What was assessed? Student learning outcomes list: (con't)

- *SLO 11 – Documentation*
 - *Complete accurate and timely documentation in accordance with regulatory guidelines to support the delivery of physical therapy services.*
- *SLO 12 – Evidence Based Practice*
 - *Appropriately utilize evidence based resources in the provision of physical therapy services.*
- *SLO 13 – Administrative Functions*
 - *Participate in practice management functions within a physical therapy service, including billing and organizational planning.*
- *SLO 14 – Social Responsibility*
 - *Demonstrate awareness of and commitment to social responsibility, citizenship, and advocacy.*
- *SLO 15 – Career Development*
 - *Identify career development and lifelong learning opportunities for the physical therapist assistant.*



Where were outcomes assessed?

- *SLO 1 - Communication Skills*

PHTA 101 (Fall)

PHTA 203 (Fall)

PHTA 205 (Fall)

PHTA 104 (Fall)

PHTA 204 (Fall)

PHTA 206 (Fall)

- *SLO 2 – Intervention Implementation*

PHTA 101 (Fall)

PHTA 204 (Fall)

PHTA 206 (Fall)

PHTA 104 (Fall)

PHTA 205 (Fall)

- *SLO 3 – Cultural Sensitivity*

PHTA 100 (Fall)

PHTA 203 (Fall)

PHTA 205 (Fall)

PHTA 104 (Fall)

PHTA 204 (Fall)

- *SLO 4 – Professional Conduct*

PHTA 100 (Fall)

PHTA 203 (Fall)

PHTA 104 (Fall)

- *SLO 5 - Safety*

PHTA 101 (Fall)

PHTA 203 (Fall)

PHTA 205 (Fall)

PHTA 104 (Fall)

PHTA 204 (Fall)

PHTA 206 (Fall)



Where were outcomes assessed?

- *SLO 6 – Plan of Care*
 - PHTA 100 (Fall)*
 - PHTA 204 (Fall)*
 - PHTA 206 (Fall)*
 - PHTA 101 (Fall)*
 - PHTA 205 (Fall)*
- *SLO 7 – Data Collection*
 - PHTA 101 (Fall)*
 - PHTA 204 (Fall)*
 - PHTA 206 (Fall)*
 - PHTA 104 (Fall)*
 - PHTA 205 (Fall)*
- *SLO 8 – Problem Solving*
 - PHTA 100 (Fall)*
 - PHTA 104 (Fall)*
 - PHTA 205 (Fall)*
 - PHTA 101 (Fall)*
 - PHTA 204 (Fall)*
 - PHTA 206 (Fall)*
- *SLO 9 – Participation in Healthcare Environment*
 - PHTA 100 (Fall)*
 - PHTA 205 (Fall)*
 - PHTA 204 (Fall)*
- *SLO 10 – Patient Education*
 - PHTA 101 (Fall)*
 - PHTA 205 (Fall)*
 - PHTA 204 (Fall)*
 - PHTA 206 (Fall)*



Where were outcomes assessed?

- *SLO 11 - Documentation*

PHTA 100 (Fall)

PHTA 104 (Fall)

PHTA 205 (Fall)

PHTA 101 (Fall)

PHTA 204 (Fall)

PHTA 206 (Fall)

- *SLO 12 – Evidence Based Practice*

PHTA 100 (Fall)

PHTA 206 (Fall)

PHTA 205 (Fall)

- *SLO 13 – Administrative Functions*

PHTA 100 (Fall)

PHTA 204 (Fall)

PHTA 206 (Fall)

PHTA 104 (Fall)

PHTA 205 (Fall)

- *SLO 14 – Social Responsibility*

PHTA 100 (Fall)

PHTA 203 (Fall)

- *SLO 15 – Career Development*

PHTA 100 (Fall)

PHTA 203 (Fall)



How was the assessment accomplished?

- Student work assessed:
 - Unit and Final Exam Questions
 - Lab Competencies
 - Lab Practical Exams
 - Quizzes
 - Written Assignments (homework, case studies, papers)
 - Group Projects/Presentations
 - Class Discussion Assessment
 - Clinical Performance
- Measurement strategy:
 - rubrics used for written assignments, projects, and presentations
 - % of questions answered correctly on unit and final exams
 - % of students receiving required score on selected components of lab competencies and practicals
 - Clinical Evaluation Tool
- Sample size:
 - All PTA students (39 majors)



SLO 1 – Communication Skills Assessment Data

SLO 1 - Communication Skills: Communicate verbally and non-verbally with the patient, the physical therapist, health care delivery personnel, and others in an effective, appropriate, and capable manner.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	7	0	0%	1	14%	6	86%		
PHTA 101	1	0	0%	0	0%	1	100%		
PHTA 104	2	0	0%	0	0%	2	100%		
PHTA 203	1	0	0%	1	100%	0	0%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	1	0	0%	0	0%	1	100%		
PHTA 206	1	0	0%	0	0%	1	100%		



SLO 2 – Intervention Implementation

Assessment Data

SLO 2 - Intervention Implementation: Demonstrate competence in implementing and adjusting selected components of interventions identified in the plan of care established by the physical therapist.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	24	6	25%	0	0%	18	75%		
PHTA 101	9	4	44%	0	0%	5	56%		
PHTA 104	5	0	0%	0	0%	5	100%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	3	2	67%	0	0%	1	33%		
PHTA 206	6	0	0%	0	0%	6	100%		



SLO 3 – Cultural Sensitivity Assessment Data

SLO 3 - Cultural Sensitivity: Recognize individual and cultural differences and respond appropriately in all aspects of physical therapy services.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	5	1	20%	0	0%	4	80%		
PHTA 100	1	1	100%	0	0%	0	0%		
PHTA 104	1	0	0%	0	0%	1	100%		
PHTA 203	1	0	0%	0	0%	1	100%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	1	0	0%	0	0%	1	100%		



SLO 4 – Professional Conduct Assessment Data

SLO 4 - Professional Conduct: Exhibit conduct that reflects practice standards that are legal and ethical.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	8	3	38%	0	0%	5	63%		
PHTA 100	5	3	60%	0	0%	2	40%		
PHTA 104	1	0	0%	0	0%	1	100%		
PHTA 203	2	0	0%	0	0%	2	100%		



SLO 5 – Safety Assessment Data

SLO 5 - Safety: Demonstrates safe practice in all situations.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	13	3	23%	3	23%	7	54%		
PHTA 101	5	2	40%	1	20%	2	40%		
PHTA 104	2	0	0%	0	0%	2	100%		
PHTA 203	1	0	0%	0	0%	1	100%		
PHTA 204	2	1	50%	1	50%	0	0%		
PHTA 205	2	0	0%	1	50%	1	50%		
PHTA 206	1	0	0%	0	0%	1	100%		



SLO 6 – Plan of Care Assessment Data

SLO 6 - Plan of Care: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	10	5	50%	1	10%	4	40%		
PHTA 100	2	0	0%	0	0%	2	100%		
PHTA 101	2	0	0%	0	0%	2	100%		
PHTA 204	2	1	50%	1	50%	0	0%		
PHTA 205	3	3	100%	0	0%	0	0%		
PHTA 206	1	1	100%	0	0%	0	0%		



SLO 7 – Data Collection Assessment Data

SLO 7 - Data Collection: Demonstrate competency in performing components of data collection skills essential for carrying out the plan of care.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	9	2	22%	1	11%	6	67%		
PHTA 101	4	1	25%	1	25%	2	50%		
PHTA 104	1	0	0%	0	0%	1	100%		
PHTA 204	1	1	100%	0	0%	0	0%		
PHTA 205	2	0	0%	0	0%	2	100%		
PHTA 206	1	0	0%	0	0%	1	100%		



SLO 8 – Problem Solving Assessment Data

SLO 8 - Problem Solving: Demonstrate sound clinical problem solving in the provision of physical therapy services.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	10	3	30%	1	10%	6	60%		
PHTA 100	1	0	0%	0	0%	1	100%		
PHTA 101	1	0	0%	0	0%	1	100%		
PHTA 104	2	0	0%	0	0%	2	100%		
PHTA 204	2	2	100%	0	0%	0	0%		
PHTA 205	2	1	50%	1	50%	0	0%		
PHTA 206	2	0	0%	0	0%	2	100%		



SLO 9 – Participate in Healthcare Environment

Assessment Data

SLO 9 - Participate in Healthcare Environment: Participate in activities that contribute to the effective function of the healthcare environment.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	6	4	67%	0	0%	2	33%		
PHTA 100	4	3	75%	0	0%	1	25%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	1	1	100%	0	0%	0	0%		



SLO 10 – Patient Education Assessment Data

SLO 10 - Patient Education: Participate in educating and providing patient-related instruction to patients, family members, and caregivers based on the plan of care.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	8	6	75%	1	13%	1	13%		
PHTA 101	2	2	100%	0	0%	0	0%		
PHTA 204	3	1	33%	1	33%	1	33%		
PHTA 205	2	2	100%	0	0%	0	0%		
PHTA 206	1	1	100%	0	0%	0	0%		



SLO 11 – Documentation Assessment Data

SLO 11 - Documentation: Complete accurate and timely documentation in accordance with regulatory guidelines to support the delivery of physical therapy services.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	7	1	14%	0	0%	6	86%		
PHTA 100	1	0	0%	0	0%	1	100%		
PHTA 101	1	0	0%	0	0%	1	100%		
PHTA 104	1	0	0%	0	0%	1	100%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	1	0	0%	0	0%	1	100%		
PHTA 206	2	1	50%	0	0%	1	50%		



SLO 12 – Evidence Based Practice Assessment Data

SLO 12 - Evidence Based Practice: Appropriately utilize evidence based resources in the provisions of physical therapy services.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	4	2	50%	0	0%	2	50%		
PHTA 100	2	2	100%	0	0%	0	0%		
PHTA 205	1	0	0%	0	0%	1	100%		
PHTA 206	1	0	0%	0	0%	1	100%		



SLO 13 – Administrative Functions Assessment Data

SLO 13 - Administrative Functions: Participate in administrative functions within a physical therapy service, including billing and organizational planning.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	5	1	20%	0	0%	4	80%		
PHTA 100	1	1	100%	0	0%	0	0%		
PHTA 104	1	0	0%	0	0%	1	100%		
PHTA 204	1	0	0%	0	0%	1	100%		
PHTA 205	1	0	0%	0	0%	1	100%		
PHTA 206	1	0	0%	0	0%	1	100%		



SLO 14 – Social Responsibility Assessment Data

SLO 14 - Social Responsibility: Demonstrate awareness of and commitment to social responsibility, citizenship, and advocacy.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	4	3	75%	0	0%	1	25%		
PHTA 100	1	1	100%	0	0%	0	0%		
PHTA 203	3	2	67%	0	0%	1	33%		



SLO 15 – Career Development Assessment Data

SLO 15 - Career Development: Identify career development and lifelong learning opportunities for the physical therapist assistant.

	Measures	Not Met		Met		Exceeded			
	<u>N</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>		
All Courses	3	0	0%	0	0%	3	100%		
PHTA 100	1	0	0%	0	0%	1	100%		
PHTA 203	2	0	0%	0	0%	2	100%		



Discussion on Assessment results:

- ☐ Many outcomes linked to final lab practicals were difficult to accurately measure due to non-specific nature of grading sections.
- ☐ Many outcomes linked to written exam questions were not met due to unrealistic outcome targets given the small number of questions and small number of students.
- ☐ Intervention and data collection outcomes were assessed with multiple imbedded measures, leading to only one finding, requiring an average of all measures making it difficult to tease out each component of the outcome or to accurately assess whether the outcome was met.
- ☐ Some course SLOs were mapped incorrectly.
- ☐ Many outcome targets were exceeded, suggesting some targets may be set too low, some measures may not be stringent enough, or simply that this is the nature of a selective admissions healthcare curriculum in which students have to demonstrate competency to progress in the curriculum.



Discussion on Assessment results: (con't)

- ❑ Inconsistency in lab competency and lab practical measures across courses in relation to first attempts or ultimate attempts.
- ❑ Written assignments in PHTA 100 performed below expectations based on students failing to complete the assignments in their entirety
- ❑ Content areas in which students struggled/outcomes were not met, requiring attention include:
 - Gait training (stair negotiation) (101)
 - Intermittent compression (broken equipment) (204)
 - Contraindications (101)
 - Discharge planning (205)
 - Vital signs (204)
 - Decision making (204, 205)
 - Patient education (204, 205)
 - Understanding of the healthcare environment (100, 205)



Plans to “close the loop” based on these results.

- Change Assessment Methods
 - Revise lab practical grading sheets to clearly identify specific elements that need to be assessed to better guide the instructor
 - Modify outcome targets related to written exam questions to reflect realistic achievement levels
 - In all courses with intervention and data collection outcomes, clearly identify each subset of the outcome with an independent measure to allow more accurate findings and allow identification of specific elements consistent with CAPTE criteria
 - Designate ultimate attempt as target for all lab competencies and practicals, with informal calculation of first attempts. First attempt may provide valuable information in relation to teaching methods, whereas, ultimate attempt reflects true student preparedness and competence
 - Remap small number of course SLOs to better reflect measurement of program SLOs.
 - Review all targets that were exceeded to determine appropriate targets and measures, primarily looking at an increase in targets related to competency as students progress through the curriculum. (i.e 80% in first semester may be adequate, whereas 100% in 3rd semester should be expected)



Plans to “close the loop” based on these results (con’t)

- Change Teaching Methods
 - Revise case scenarios for each practical to ensure consistent opportunities to demonstrate specific outcomes in each case
 - PHTA 100 - Emphasize importance of using grading rubric as a guide for completion of written assignments; provide examples of quality work; consider requiring rough draft submissions of papers; revise instructions/rubric for PT Setting presentation to ensure key aspects are adequately covered
 - PHTA 101 – emphasize practice of the sequencing of stair negotiation in lab; emphasize importance of asking for contraindications as a component of modality implementation and have students practice this component separately with instructor feedback
 - PHTA 204 – make vital sign assessment a key component of postural drainage competency check off; incorporate opportunities during lab sessions via mini case scenarios for decision making and patient education with instructor feedback prior to lab practicals
 - PHTA 205 – include opportunities for discharge planning and healthcare team member collaboration through case scenario implementation; incorporate opportunities during lab sessions via mini case scenarios for decision making and patient education with instructor feedback prior to lab practicals
- Acquire new equipment
 - PHTA 204 – acquire a new intermittent compression pump to allow competency assessment



What resources were used or have been requested to close the loop?

- Requesting acquisition of a new intermittent compression pump (approximate cost: \$575.00)
 - PHTA 204 – SLO 204. 12 intervention implementation – subset d – biophysical agents
 - This outcome was not met due to a broken intermittent compression pump
 - Competency for implementation of this modality can not be adequately assessed without a working machine

