PTHA 231 Clinical Practicum I

CATALOG DESCRIPTION:
Introductory experience in clinical setting. Under supervision of a licensed Physical Therapist, student will apply learned techniques. (Clinical practice 32 hours per week for 5 weeks) A special fee will be assessed.) Prerequisites: PTHA 112, 122 and BIOG 122.

COURSE OUTCOMES AND ASSESSMENT: (Tools, Methods, and Expected Results)

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Assessment Method(s)</th>
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| **Cognitive/Knowledge: What should the students know from studying this discipline?** | • Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the first quarter of the scale for skills and with no critical safety skills in danger of failing, OR  
• Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR  
• Evaluation via rubric of student case-study writing project at a score of at least 70% |
| 1. Following lecture and the first clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of the clinical site’s organization, administration, policies and procedures.  
1.1. Student will demonstrate awareness of the operational aspects of the Physical Therapy department, and will describe components of the organizational planning and operation of the service.  
1.2. Student will describe program and facility methods for assuring performance improvement (quality assurance activities)  
1.3. Student will describe awareness of the facility billing methods and reimbursement methods  
1.4. Student will describe the referral and communication processes for the facility including the method for reporting any changes in the patient's status to the supervising physical therapist.  
1.5. Student will describe the basic emergency procedures for the site and will describe appropriate measures to take in an emergency situation | |
professional literature and other resources to get information about, and address specific acute or long-term care patient problems in the clinic with evidenced based research using the assistance of faculty, clinical instructors and librarians.

2.2. Utilizing close direct supervision the student will adjust directed portions of patient care interventions within the plan of care established by the physical therapist in response to patient clinical indications, expectations and previous status, modifying as needed, and will recognize when to report these results to the supervising physical therapist.

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<thead>
<tr>
<th>Behavior/Skills: What should a student be able to do as a result of studying this discipline?</th>
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<tr>
<td>3. Following lecture and the first clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will demonstrate successful knowledge/performance of directed portions of selected patient care skill components under the supervision of a licensed physical therapist while working with close direct supervision on select acute or long-term care patients as outlined in the PT plan of care:</td>
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<tr>
<td>3.1. Student will implement and explain the rationale for the for selected components of skills asked of the student for the specific modalities/treatments observed or performed as identified in the plan of care established and directed by the physical therapist under direct supervision on selected acute or long-term care patients including:</td>
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<tr>
<td>a. Student will safely implement interventions for functional training, including activities of daily living, use of assistive/adaptive devices, body mechanics training, and gait and locomotion training under direct supervision.</td>
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<tr>
<td>b. Student will safely implement interventions related to infection control procedures including isolation techniques and sterile technique under direct supervision.</td>
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<tr>
<td>c. Student will safely implement interventions for manual therapy techniques including passive range of motion techniques/devices and therapeutic massage under direct supervision.</td>
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<tr>
<td>d. Student will safely implement interventions for physical and mechanical agents, including</td>
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- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the first quarter of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
athermal agents, compression therapies, cryotherapy, electrotherapeutic agents, hydrotherapy, superficial and deep thermal agents, and traction under direct supervision.
e. Student will safely implement interventions for therapeutic exercise, including aerobic conditioning, balance and coordination training, posture awareness training, range of motion exercises, stretching exercises, and strengthening exercises under direct supervision.
f. Student will safely implement interventions for wound management, including identification of precautions for dressing removal under direct supervision.

3.2. Utilizing faculty feedback, student will critically self-assess performance on applied techniques, including strengths, areas needing further development, and will demonstrate recognition of when directed intervention should not be provided due to changes in the patient's status, and mechanisms for reporting this to the supervising physical therapist.

3.3. Student will successfully demonstrate competency in performing selected portions of data collection skills essential for carrying out directed components of the plan of care working under close supervision on selected patients, including:
a. Student will safely implement data collection skill components for aerobic capacity and endurance including measuring standard vital signs and recognizing and monitoring responses to positional changes and activities under direct supervision.
b. Student will safely implement data collection skill components for anthropometrical characteristics including measuring height, weight, length and girth under direct supervision.
c. Student will safely implement data collection skill components for arousal, mentation and cognition, including recognizing changes in the direction and magnitude of patient’s state under direct supervision.
d. Student will safely implement data collection skill components for assistive, adaptive, orthotic, protective, supportive, and prosthetic devices including fit, safety, application, maintenance, under direct supervision.
e. Student will safely implement data collection skill components for gait, locomotion, and balance including describing the safety, status, and
progression of acute or long-term care patients while engaged in gait, locomotion, balance, wheelchair management and mobility under direct supervision.

f. Student will safely implement data collection skill components for integumentary integrity including recognizing absent or altered sensation and recognizing normal and abnormal skin changes under direct supervision.

g. Student will safely implement data collection skill components for muscle performance data including performing manual muscle testing to measure strength, detecting the presence or absence of muscle mass, and testing for normal and abnormal muscle length under direct supervision.

h. Student will safely implement data collection skill components about pain including administering standardized questionnaires, or scales for pain under direct supervision.

i. Student will safely implement data collection skill components about posture including describing resting posture in any position under direct supervision.

j. Student will safely implement data collection skill components on range of motion including measuring functional range of motion and measuring range of motion using a goniometer under direct supervision.

k. Student will safely implement data collection skill components for self-care and home management and community or work reintegration, including inspecting and measuring the physical environment and recognizing safety and barriers in home, community and work environments under direct supervision.

l. Student will safely implement data collection skill components on ventilation, respiration and circulation including recognizing cyanosis and recognizing activities that aggravate or relieve edema, pain, dyspnea, need for provision of supplemental oxygen, or other symptoms under direct supervision.

3.4. Student will model appropriate body mechanics for safety of self, and as an example to acute or long-term care patients when implementing components of body mechanics, transfer, bed mobility training as a directed component of interventions identified in the plan of care established by the physical therapist under direct supervision.
### 3.5. Utilizing discussion and problem-solving techniques with faculty, student will identify why acute or long-term care patients are being treated in general terms of pathology, impairment, functional limitation, and disability, progress, treatment effects, and will communicate how the PT plan of care is used to achieve short and long term goals and intended outcomes.

### 4. Following lecture and the first clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of appropriate components of information gathering and interpersonal skills under close direct supervision including:

#### 4.1. Student will demonstrate an ability to review the medical record and create a summary or synopsis of it for a acute or long-term care patient seen in the clinical setting with discussion and problem solving assistance from faculty.

#### 4.2. Student will demonstrate an ability to interview a patient, PT/doctor/other health care provider or other sources, to obtain information about a patient, communicating verbally and non-verbally in an effective, appropriate, and capable manner with direct supervision.

#### 4.3. Student will demonstrate an ability to interact with other members of the health care team under direct supervision in patient-care and non patient-care activities in a professional and capable manner for routine activities.

#### 4.4. Student will display an appropriate professional demeanor at all times in appearance, speech and behavior, and will exhibit conduct that demonstrates a commitment to meeting the expectations of both the members of the profession but also the society receiving services, with coaching as needed.

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the first quarter of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%

### 5. Following lecture and the first clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate appropriate documentation skills, adapted as needed to the specific clinical situation under the supervision of a licensed physical therapist while working with close direct supervision on select acute or long-term care patients.

#### 5.1. The student will perform closely

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the first quarter of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
supervised documentation appropriate to the situation which meets the specific facility’s requirements, follows any requirements of state practice acts, and regulatory agencies. The student will adapt to required notes styles and timelines, with notes that are legible, thorough, logical and concise.

5.2. Student will participate in and document involvement in discharge planning and follow up on selected acute or long-term care patients, as directed by the physical therapist with close direct supervision.

5.3. Student will participate in and document involvement in providing patient-related instruction to selected patients, patient’s family, and caregivers to achieve patient outcomes based on the plan of care established by the PT utilizing frequent feedback.

**Values/Attitudes: What additions or changes should the student experience in interest, appreciations, beliefs, judgments, etc. as a result of studying this discipline?**

6. Following lecture and the first clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of professional communication behavior, and interactions.

6.1. The student will display appropriate communication skills with acute or long-term care patients and families at all times, including recognizing individual and cultural differences and responding appropriately in the provision of all aspects of physical therapy services with close direct supervision.

6.2. The student will display effective verbal and non-verbal communication skills with acute or long-term care patients and supervising therapist.

6.3. Student handles approved tasks with minimal supervision, placing patient needs first, and demonstrating a commitment to meeting the needs of acute or long-term care patients and consumers.

6.4. The student demonstrates practices standards that are safe, ethical and legal at all times in the clinic.

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the first quarter of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
PTHA 232 Clinical Practicum II  
**CATALOG DESCRIPTION:**  
Intermediate experience in clinical setting. Under supervision of a licensed Physical Therapist, student will apply learned techniques. Clinical practice 16 hours per week for 10 weeks.  
*Prerequisites: PTHA 231. Corequisite: PTHA 221.*

**COURSE OUTCOMES AND ASSESSMENT: (Tools, Methods, and Expected Results)**

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<td><strong>Cognitive/Knowledge: What should the students know from studying this discipline?</strong></td>
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</table>
| 1. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of the clinical site’s organization, administration, policies and procedures.  
1.1. Student will demonstrate awareness of the operational aspects of the Physical Therapy department, and will describe aspects of the organizational planning and operation of the service.  
1.2. Student will describe program and facility methods for assuring performance improvement (quality assurance activities) and will participate in performance improvement activities under supervision where opportunities exist  
1.3. Student will describe the facility billing methods and reimbursement methods and will provide and document accurate and timely information for billing and reimbursement purposes for selected patients treated after consultation with faculty.  
1.4. Student will define the referral and communication processes for the facility including demonstrating compliance with reporting any changes in the patient’s status to the supervising physical therapist after consulting with faculty.  
1.5. Student will describe the emergency procedures for the site and will take appropriate measures in an emergency situation with minimal guidance or supervision | • Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the second quarter of the scale for skills and with no critical safety skills in danger of failing, OR  
• Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR  
• Evaluation via rubric of student case-study writing project at a score of at least 70% |
| 2. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of students will successfully demonstrate knowledge/performance of the clinical site’s organization, administration, policies and procedures.  
2.1. Student will demonstrate awareness of the operational aspects of the Physical Therapy department, and will describe aspects of the organizational planning and operation of the service.  
2.2. Student will describe program and facility methods for assuring performance improvement (quality assurance activities) and will participate in performance improvement activities under supervision where opportunities exist  
2.3. Student will describe the facility billing methods and reimbursement methods and will provide and document accurate and timely information for billing and reimbursement purposes for selected patients treated after consultation with faculty.  
2.4. Student will define the referral and communication processes for the facility including demonstrating compliance with reporting any changes in the patient’s status to the supervising physical therapist after consulting with faculty.  
2.5. Student will describe the emergency procedures for the site and will take appropriate measures in an emergency situation with minimal guidance or supervision | • Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the second quarter of the scale for skills |
PTA students will successfully demonstrate knowledge/performance of self-directed problem solving for clinical issues, recognizing and utilizing available resources.

2.1. The student will read and utilize the professional literature and other resources to get information about, and address specific patient problems in the clinic with evidenced based research using minimal assistance from faculty, clinical instructors and librarians.

2.2. Utilizing on-site supervision the student will adjust directed portions of patient care interventions within the plan of care established by the physical therapist in response to patient clinical indications, and will recognize when interventions should not be provided due to changes in the patient's status and report these to the supervising physical therapist.

2.3. Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
• Evaluation via rubric of student case-study writing project at a score of at least 70%

Behavior/Skills: What should a student be able to do as a result of studying this discipline?

3. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of directed portions of selected patient care skill components or selected patient care skills (based on an assessment by the clinical instructor of student readiness to assume the full task) under the on-site supervision of a licensed physical therapist as outlined in the PT plan of care on assigned patients including:

3.1. Student will implement and explain the rationale for the selected patient care skills or skill components (based on an assessment by the clinical instructor of student readiness to assume the full task) for the modalities/treatments observed or performed as identified in the plan of care established and directed by the physical therapist under on-site supervision on assigned patients including:

a. Student will safely implement interventions for functional training skills including activities of daily living, assistive / adaptive devices, body mechanics training, developmental activities training, gait and locomotion training, training with prosthetics and orthotics, and wheelchair management skills, under on-site supervision.

b. Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the second quarter of the scale for skills and with no critical safety skills in danger of failing, OR

• Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR

• Evaluation via rubric of student case-study writing project at a score of at least 70%
infection control procedures including utilization of isolation techniques and sterile technique and procedures under on-site supervision.
c. Student will safely implement interventions for manual therapy techniques including passive range of motion and therapeutic massage techniques under on-site supervision.
d. Student will safely implement interventions for physical and mechanical agents including athermal agents, biofeedback, compression therapies, cryotherapy, electrotherapeutic agents, hydrotherapy, superficial and deep thermal agents, and traction under on-site supervision.
e. Student will safely implement interventions for therapeutic exercise including aerobic conditioning, balance and coordination training, breathing exercises and coughing techniques, conditioning and reconditioning exercises, posture awareness training, range of motion exercises, stretching exercises, and strengthening exercises under on-site supervision.
f. Student will safely implement interventions for wound management including application and removal of dressing or agents, and identification of precautions for dressing removal, under on-site supervision.
3.2. Student will critically self-assess performance on applied techniques, including strengths, areas needing further development, seeking feedback as needed, and will demonstrate recognition of when directed intervention should not be provided due to changes in the patient's status, and mechanisms for reporting this to the supervising physical therapist
3.3. Student will successfully demonstrate competency in performing selected patient care data collection skills or skill components (based on an assessment by the clinical instructor of student readiness to assume the full task) for the directed component of the plan of care working under on-site supervision including:
a. Student will safely implement data collection skills or skill components for aerobic capacity and endurance data collection skills including measuring standard vital signs, recognizing and monitoring responses to positional changes and activities, and observing and monitoring thoracoabdominal movements and breathing patterns with activity under on-site supervision.
b. Student will safely implement data collection skills or skill components for anthropometrical
characteristics data collection skills include measuring height, weight, length and girth under on-site supervision.

c. Student will safely implement data collection skills or skill components for arousal, mentation and cognition data collection skills, include recognizing changes in the direction and magnitude of patient’s state of arousal, mentation and cognition. under on-site supervision.

d. Student will safely implement data collection skills or skill components for assistive, adaptive, orthotic, protective, supportive, and prosthetic devices data collection skills including identifying the individual’s and caregiver’s ability to care for the device, recognizing changes in skin condition while using devices and equipment and recognizing safety factors while using the device under on-site supervision.

e. Student will safely implement data collection skills or skill components for gait, locomotion, and balance data collection skills including describing the safety, status, and progression of patients while engaged in gait, locomotion, balance, wheelchair management and mobility under on-site supervision.

f. Student will safely implement data collection skills or skill components for integumentary integrity data collection skills on patients with compromised skin integrity including recognizing absent or altered sensation, recognizing normal and abnormal integumentary changes, recognizing activities, positioning, and postures that aggravate or relieve pain or altered sensations, or that can produce associated skin trauma, and recognizing viable versus nonviable tissue under on-site supervision.

g. Student will safely implement data collection skills or skill components for joint integrity and mobility data collection skills including recognizing normal and abnormal joint movement under on-site supervision.

h. Student will safely implement data collection skills or skill components for muscle performance data collection skills, including measuring muscle strength by manual muscle testing, observing the presence or absence of muscle mass, recognizing normal and abnormal muscle length, and recognizing changes in muscle tone under on-site supervision.

i. Student will safely implement data collection skills or skill components for neuromotor
development data collection skills including recognizing gross motor milestones for the at-risk patient under on-site supervision.

j. Student will safely implement data collection skills or skill components for pain data collection skills for patients with acute or chronic pain conditions, including administering standardized questionnaires, graphs, behavioral or scales for pain and recognizing activities, positioning, and postures that aggravate or relieve pain or altered sensations under on-site supervision.

k. Student will safely implement data collection skills or skill components for posture data collection skills including describing resting posture in any position and recognizing alignment of trunk and extremities at rest and during activities under on-site supervision.

l. Student will safely implement data collection skills or skill components for range of motion data collection skills including measuring functional range of motion and measuring range of motion using a goniometer under on-site supervision.

m. Student will safely implement data collection skills or skill components for self-care and home management and community or work reintegration data collection skills including inspecting the physical environment and measuring the physical space, recognizing safety and barriers in home, community and work environments, recognizing level of patient functional status, and administering standardized questionnaires to patients and others under on-site supervision.

n. Student will safely implement data collection skills or skill components for ventilation, respiration and circulation data collection skills including recognizing cyanosis, recognizing activities that aggravate or relieve edema, pain, dyspnea, or other symptoms and describing chest wall expansion and excursion under on-site supervision.

3.4. Student will model appropriate body mechanics for safety of self, and as an example to patients when implementing components of body mechanics training as a directed component of interventions identified in the plan of care established by the physical therapist under on-site supervision.

3.5. Utilizing clinical record reviews and discussion with faculty, student will identify why patients are being treated in terms of pathology,
imPAIRMENT, functional LIMITATION, disability, progress and will communicate a description of the PT plan of care to achieve short and long term goals and intended outcomes.

4. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of appropriate information gathering and interpersonal skills under on-site supervision including:

   4.1. Student will demonstrate an ability to review the medical record and create a concise summary or synopsis of it for a patient seen in the clinical setting with problem solving assistance from faculty as needed.

   4.2. Student will demonstrate an ability to communicate with a patient, PT/doctor/other health care provider or other sources, to facilitate efficient patient care, communicating verbally and non-verbally in an effective, appropriate, and capable manner with on-site supervision.

   4.3. Student will demonstrate an ability to interact with other members of the health care team under on-site supervision in patient-care and non patient-care activities in a professional and capable manner for routine activities.

   4.4. Student will display an appropriate professional demeanor at all times in appearance, speech and behavior, and will exhibit conduct that demonstrates a commitment to meeting the expectations of both the members of the profession but also the society receiving services.

   - Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the second quarter of the scale for skills and with no critical safety skills in danger of failing. OR
   - Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
   - Evaluation via rubric of student case-study writing project at a score of at least 70%

5. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate appropriate documentation skills, adapted as needed to the specific clinical situation under the supervision of a licensed physical therapist while working with on-site supervision on select patients

   5.1. The student will perform documentation appropriate to the situation which meets the specific facility’s requirements, following any requirements of state practice acts, and regulatory agencies, with consultation and on-site supervision on selected patients. The student will

   - Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the second quarter of the scale for skills and with no critical safety skills in danger of failing. OR
   - Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
   - Evaluation via rubric of student case-study writing project at a score of at least 70%
adapt to required notes styles and timelines, with notes that are legible, thorough, logical and concise.

5.2. **Student will participate in and document involvement in discharge planning and follow up on selected patients, as directed by the physical therapist with consultation and on-site supervision.**

5.3. **Student will participate in and document involvement in components of the process of educating selected patients and caregivers as directed by the supervising physical therapist.**

5.4. **Student will participate in and document involvement in providing patient-related instruction to patients, patient’s family, and caregivers to achieve patient outcomes based on the plan of care established by the PT utilizing faculty feedback and on-site supervision.**

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<td>6. Following lecture and the second clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of professional communication behavior, and interactions</td>
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<tr>
<td>6.1. The student will display appropriate professional interactions with patients and families at all times, including recognizing individual and cultural differences and responding appropriately in the provision of all aspects of physical therapy services with on-site supervision.</td>
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<tr>
<td>6.2. The student will display capable, positive and effective verbal and non-verbal communication skills with patients, supervising therapist, other personnel, and others.</td>
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<tr>
<td>6.3. With consultation from the faculty, and on-site supervision, the student recognizes when the direction to perform an intervention is beyond that which is appropriate for a physical therapist assistant and initiates clarification with the physical therapist.</td>
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<tr>
<td>6.4. With consultation from the faculty, and on-site supervision, the student educates others about the role of the physical therapist assistant</td>
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<td>6.5. Student will function as part of the health care team, instructing other members of the team</td>
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as directed by the PT and interacting with appropriate members of the health care team in patient care and non-patient care activities with on-site supervision.

6.6. Student demonstrates initiative in helping others, seeking out additional sources of information, handling approved tasks with minimal supervision, placing patient needs first, and demonstrating a commitment to meeting the needs of patients and consumers.

6.7. The student demonstrates practices standards that are safe, ethical and legal at all times in the clinic, and can verbalize the scientific and ethical rationales for such practices as well as perform them consistently.

6.8. The student demonstrates an awareness of social responsibility, citizenship, and advocacy, and where possible will participate in community and service organizations and activities under supervision through clinical or academic (e.g. service learning) activities.

6.9. The student will identify the methods available for career development and lifelong learning for the PTA.

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**PTHA 233 Clinical Practicum III**

**CATALOG DESCRIPTION:**
Advanced experience in clinical setting. Under supervision of a licensed Physical Therapist, student will apply learned techniques. Clinical practice 35 hours per week for 10 weeks. Prerequisites: PTHA 221, 232. Corequisite: PTHA 222, 235.

**COURSE OUTCOMES AND ASSESSMENT: (Tools, Methods, and Expected Results)**

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<tr>
<td><strong>Cognitive/Knowledge: What should the students know from studying this discipline?</strong></td>
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</tr>
<tr>
<td>1. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of the clinical site's organization, administration, policies and procedures.</td>
<td>• Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR</td>
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<tr>
<td>6.10. Student will describe the organizational structure and operational aspects of the Physical Therapy department, and will describe and participate in the organizational planning and</td>
<td>• Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR</td>
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6.11. Student will define concepts of TQM and CQI and will describe program and facility methods for assuring performance improvement (quality assurance activities) and will participate in performance improvement activities by contributing data or participating in analysis with on-site supervision at an entry level.

6.12. Student will fully participate in patient/facility billing methods and will understand reimbursement issues, providing accurate and timely information for billing and reimbursement purposes for a full case-load of patients (which may include a specialty patient population) treated with on-site supervision.

6.13. Student will define the referral and communication processes for the facility including demonstrating compliance with reporting any changes in the patient’s status to the supervising physical therapist for a full patient load, which may include a specialty patient population, with on-site supervision.

6.14. Student will describe the emergency procedures for the site for a variety of medical and non-medical situations, and will take appropriate measures in an emergency situation without hesitation and with appropriate judgment with on-site supervision.

7. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate performance of self-directed problem solving for clinical issues, recognizing and utilizing available resources.

7.1. The student will critically read and utilize the professional literature and other resources to get information about, and address specific specialty patient problems in the clinic with evidenced base, peer-reviewed research using on-site supervision.

7.2. The student will delegate appropriate routine duties that assist in the delivery of physical therapy operation and portions of patient treatment to supportive personnel in accordance with all applicable APTA guidelines and State regulations, instructing other members of the health care team while under the direction and supervision of the physical therapist.

7.3. Utilizing on-site supervision the student

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
will exercise safe and appropriate clinical decision-making to adjust directed portions of patient care interventions within the plan of care established by the physical therapist in response to patient clinical indications for a full caseload (which may include a specialty patient population), and will recognize when interventions should not be provided due to changes in the patient's status and report these to the supervising physical therapist.

Behavior/Skills: What should a student be able to do as a result of studying this discipline?

8. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate performance of entry-level patient care skills under the on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients including:

3.1. Student will implement and explain the rationale for the selected patient care skills for the modalities/treatments performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population) including:

a. Student will safely implement and explain the rationale for interventions for functional training skills including activities of daily living, assistive / adaptive devices, body mechanics training, developmental activities training, gait and locomotion training, training with prosthetics and orthotics, and wheelchair management skills, as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

b. Student will safely implement and explain the rationale for interventions for infection control procedures including utilization of isolation techniques and sterile technique and procedures as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

c. Student will safely implement and explain the rationale for interventions for manual therapy techniques including passive range of motion and therapeutic massage techniques as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

d. Student will safely implement and integrate interventions for physical and mechanical agents utilizing all due indications, precautions and contraindications for athermal agents, biofeedback, compression therapies, cryotherapy, electrotherapeutic agents, hydrotherapy, superficial and deep thermal agents, and traction as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

e. Student will safely implement and explain the rationale for interventions for therapeutic exercise including utilizing a variety of techniques for aerobic conditioning, balance and coordination training, breathing exercises and coughing techniques, conditioning and reconditioning exercises, posture awareness training, range of motion exercises, stretching exercises, and strengthening exercises as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

f. Student will safely implement and explain the rationale for interventions for wound management including applying and removing of various types of dressing or agents, and identification of precautions for dressing removal, as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

3.2. Student will critically self-assess performance on applied techniques, including strengths, areas needing further development, and will seek out sources of information or assistance as needed for a full patient case load, under on-site supervision.

3.3. Student will critically assess and recognize when directed interventions should not be provided due to changes in the patient's status, and mechanisms for reporting this to the supervising physical therapist for a full patient case load, under on-site supervision.

3.4. Student will successfully implement and explain the rationale for patient care data
collection skills for the directed component of the plan of care working under on-site supervision of a licensed physical therapist on a full case load of patients (which may include a specialty patient population) including:

a. Student will safely implement and explain the rationale for data collection skills for aerobic capacity and endurance including independently and accurately measuring standard vital signs, recognizing and monitoring responses to positional changes and activities, and observing and monitoring thoracoabdominal movements and breathing as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population)

b. Student will be able to independently take common body measurements and will safely implement and explain the rationale for data collection skills for anthropometrical characteristics including measuring height, weight, length and girth as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population)

c. Student will be able to accurately test patient awareness, alertness status and orientation and will safely implement and explain the rationale for data collection skills for arousal, mentation and cognition, include recognizing changes in the direction and magnitude of patient’s state of arousal, mentation and cognition as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population)

d. Student will safely and competently implement, and explain the rationale for, data collection skills for assistive, adaptive, orthotic, protective, supportive, and prosthetic devices including identifying the individual’s and caregiver’s ability to care for the device, recognizing changes in skin condition while using devices and equipment and recognizing safety factors while using the device as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population)

e. Student will be able to test mobility skills and will safely implement and explain the rationale for
data collection skills for gait, locomotion, and balance include describing the safety, status, and progression of patients while engaged in gait, locomotion, balance, wheelchair management and mobility as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

f. Student will safely and independently implement and explain the rationale for data collection skills for integumentary integrity on patients with the potential for compromised skin integrity including recognizing absent or altered sensation, recognizing normal and abnormal integumentary changes, recognizing activities, positioning, and postures that aggravate or relieve pain or altered sensations, or that can produce associated skin trauma, and recognizing viable versus nonviable tissue as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

g. Student will safely implement and explain the rationale for data collection skills for joint stability, osteokinematics and arthokinematics including recognizing and accurately describing normal and abnormal joint movement as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

h. Student will be able to test muscle function and properties and will safely implement and explain the rationale for data collection skills for muscle performance, including measuring muscle strength by manual muscle testing, detecting the presence or absence of muscle mass, recognizing normal and abnormal muscle length, and recognizing changes in muscle tone as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

i. Student will test developmental status and progress and will safely implement and explain the rationale for data collection skills for neuromotor development including recognizing gross motor milestones, recognizing fine motor milestones, and recognizing righting and equilibrium reactions in affected patients as performed under on-site supervision of a licensed
physical therapist as outlined in the PT plan of
care on a full case load of patients (which may
include a specialty patient population).

j. Student will be able to collect comprehensive
data on pain, and will safely implement and
explain the rationale for data collection skills for
pain in patients with acute or chronic pain
conditions, including administering standardized
questionnaires, graphs, behavioral or scales for
pain and recognizing activities, positioning, and
postures that aggravate or relieve pain or altered
sensations as performed under on-site supervision
of a licensed physical therapist as outlined in the
PT plan of care on a full case load of patients
(which may include a specialty patient
population).

k. Student will implement a comprehensive
collection of posture data and will safely
implement and explain the rationale for data
collection skills for posture including describing
resting posture in any position and recognizing
alignment of trunk and extremities at rest and
during activities as performed under on-site
supervision of a licensed physical therapist as
outlined in the PT plan of care on a full case load
of patients (which may include a specialty patient
population).

l. Student will accurately measure range of motion
of the extremity and spine joints and will safely
implement and explain the rationale for data
collection skills for range of motion including
measuring functional range of motion and
measuring range of motion using a goniometer as
performed under on-site supervision of a licensed
physical therapist as outlined in the PT plan of
care on a full case load of patients (which may
include a specialty patient population).

m. Student will be able to test Basic and
Instrumental ADL and will safely implement and
explain the rationale for data collection skills for
self-care and home management and community
or work reintegration including inspecting the
physical environment and measuring the physical
space, recognizing safety and barriers in home,
community and work environments, recognizing
level of patient functional status, and
administering standardized questionnaires to
patients and others as performed under on-site
supervision of a licensed physical therapist as
outlined in the PT plan of care on a full case load
of patients (which may include a specialty patient
n. Student will describe chest PT data collection and will safely implement and explain the rationale for data collection skills for ventilation, respiration and circulation including recognizing cyanosis, recognizing activities that aggravate or relieve edema, pain, dyspnea, or other symptoms and describing chest wall expansion and excursion, and describes cough and sputum, as performed under on-site supervision of a licensed physical therapist as outlined in the PT plan of care on a full case load of patients (which may include a specialty patient population).

4. Student will define and demonstrate appropriate body mechanics for safety of self, and as an example to patients when implementing body mechanics training as a directed component of interventions identified in the plan of care established by the physical therapist working under on-site supervision of a licensed physical therapist on a full case load of patients.

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%

5. Utilizing clinical record reviews, evidence-based research, and self-directed resources, student will accurately identify why patients are being treated in terms of specific pathologies, impairments, functional limitations, disabilities, ways to remediate these issues, patient progress and will communicate an understanding of the PT plan of care to achieve short and long term goals and intended outcomes in a full patient load utilizing on-site supervision at an entry-level.

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%

6. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of appropriate information gathering and interpersonal skills under on-site supervision including:

6.1. Student will demonstrate an ability to review the medical record and create a concise and accurate summary or synopsis of it for a patient seen in the clinical setting with on-site supervision at an entry-level.

- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%

6.2. Student will demonstrate an ability to interview patients, PT/doctor/other health care provider or other sources, to obtain complete and relevant information about patients,
communicating verbally and non-verbally in an effective, appropriate, and capable manner for a full patient load with on-site supervision at an entry-level.

6.3. Student will demonstrate an ability to interact with other members of the health care team under on-site supervision in patient-care and non patient-care activities in a professional and capable manner at an entry level for routine and unanticipated circumstances.

6.4. Student will display an appropriate professional demeanor at all times in appearance, speech and behavior, and will exhibit conduct that demonstrates a commitment to meeting the expectations of both the members of the profession but also the society receiving services and will consistently model that behavior at an entry level to others.

7. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate appropriate documentation skills at an entry-level on a full case-load of patients, adapted as needed to the specific clinical situation under the supervision of a licensed physical therapist while working with on-site supervision.

7.1. The student will independently perform a full range of required documentation styles appropriate to the clinical situation which meets the specific facility’s requirements, following any requirements of state practice acts, and regulatory agencies, with on-site supervision on a full load of patients, functioning at an entry-level. The student will adapt to required notes styles and timelines, with notes that are legible, thorough, logical and concise.

7.2. Student will participate in and document involvement in discharge planning and follow up on a full load of patients, as directed by the physical therapist with on-site supervision.

7.3. Student will participate in and document involvement in all aspects of the process of providing comprehensive and individualized education as appropriate for patients (for an assigned patient load) and caregivers as directed by the supervising physical therapist utilizing on-site supervision.

7.4. Student will demonstrate the ability to educate others by participating in and

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- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
- Evaluation via rubric of student case-study writing project at a score of at least 70%
documenting involvement in providing comprehensive patient-related instruction to all assigned patients, patient’s families, and caregivers to achieve patient outcomes based on the plan of care established by the PT at an entry level utilizing on-site supervision

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<th>Values/Attitudes: What additions or changes should the student experience in interest, appreciations, beliefs, judgments, etc. as a result of studying this discipline?</th>
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<tr>
<td>8. Following lecture and the third clinical practicum experiences, given a series of case-based scenario questions, a case study writing project or using the CPI scoring form, 100% of PTA students will successfully demonstrate knowledge/performance of professional communication behavior, and interactions</td>
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<tr>
<td>8.1. The student will display appropriate sensitivity in communication skills with patients and families at all times, including recognizing individual and cultural differences and responding appropriately in the provision of all aspects of physical therapy services for a full patient load with on-site supervision.</td>
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<tr>
<td>8.2. The student will display capable, positive and effective verbal and non-verbal communication skills with patients, supervising therapist, other personnel, and others with a full patient load with on-site supervision.</td>
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<td>8.3. With on-site supervision, the student recognizes his/her professional practice limits, and when the direction to perform an intervention is beyond that which is appropriate for a physical therapist assistant and initiates clarification with the physical therapist.</td>
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<td>8.4. With on-site supervision, the student defines his/her role to others, by educating others about the role of the physical therapist assistant</td>
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<td>8.5. Student will function smoothly as part of the health care team, interacting with appropriate members of the health care team in patient care and non-patient care activities with on-site supervision and demonstrating entry-level professional generic behaviors.</td>
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<td>8.6. Student demonstrates initiative in helping others, seeking out additional sources of information, handling approved tasks with minimal supervision, placing patient needs first, and demonstrating a commitment to meeting the needs of patients and consumers by placing</td>
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- Competency testing using American Physical Therapy Association Clinical Performance Instrument, scoring at least in the upper half of the scale for skills and with no critical safety skills in danger of failing, OR
- Evaluation of student knowledge by written testing and item analysis with score of at least 70%, OR
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<td><strong>8.7.</strong> The student independently demonstrates practices standards that are safe, ethical and legal at all times in the clinic, and can verbalize the scientific and ethical rationales, including supporting documentation for such practices as well as perform them consistently.</td>
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<td><strong>8.8.</strong> The student defines the PTA role in regards to social responsibility, citizenship, and advocacy, and where possible will participate in community and service organizations and activities under supervision through clinical or academic (e.g. service learning) activities.</td>
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<td><strong>8.9.</strong> The student will identify and utilize at least one of the methods available for career development and lifelong learning for the PTA</td>
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<td><strong>8.10.</strong> Student will demonstrate skills required of a Clinical Instructor by presentation of clinical case study, recognizing the role of the PTA in the clinical education of PTA students.</td>
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