





Curricular Standards Guide: NPTE & CAPTE
PHYSICAL THERAPIST ASSISTANT (PTA)

WEB APPLICATIONS

<p>Acute Care</p> 	<p>Coming Soon!</p>
<p>Adaptive Equipment</p> 	<p>FSBPT: NPTE-PTA Test Content Outline -</p> <ul style="list-style-type: none">• <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none">• <p>Textbook References</p> <ul style="list-style-type: none">• American Occupational Therapy Association. (2020). Occupational therapy practice framework: Domain et process.
<p>Assistive Devices</p>	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none">• <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none">•



Textbook Reference

- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
- Fairchild, S. L., O'Shea, R. K., & Washington, R. D. (2018). Pierson and Fairchild's Principles & Techniques of Patient Care (6th ed.). Elsevier.

Cardiopulmonary
Rehabilitation




FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEMS: Cardiovascular & Pulmonary Systems

CAPTE: PTA Standards and Required Elements

- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- Test and Measures
 - 7D24: Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following:
 - 7D24a: Aerobic Capacity and Endurance: measurement of standard vital signs; recognize and monitor response to positional changes and activities (e.g. orthostatic hypotension, response to exercise)
 - 7D24n: Ventilation, Respiration, and Circulation: detect signs and symptoms of respiratory distress, and activities that aggravate or relieve edema, pain, dyspnea, or other symptoms; describe thoracoabdominal movements and breathing patterns with activity, and cough and sputum characteristics.
- Intervention
 - 7D23: Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23a: Airway Clearance Techniques: breathing exercises, coughing techniques and secretion mobilization
 - 7D23d: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
 - 7D23g: Patient/Client Education
 - 7D23h: Therapeutic Exercise

	<p>Textbook References</p> <ul style="list-style-type: none"> ○ Hillegass, E. A. (2016). Essentials of cardiopulmonary physical therapy (4th ed.). Elsevier/Saunders. ○ American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association. ○ Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders. ○ Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier. ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
<p>Developmental Milestones</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> ● BODY SYSTEMS: Neuromuscular & Nervous Systems <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> ● Ethics, Values and Responsibilities <ul style="list-style-type: none"> ○ 7D1: through 7D14: ● Patient/Client Management <ul style="list-style-type: none"> ○ 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change) ● Plan of Care <ul style="list-style-type: none"> ○ 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care. ● Intervention <ul style="list-style-type: none"> ○ 7D23: Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. ○ 7D23f: Motor Function Training (balance, gait, etc.) ○ 7D23h: Therapeutic Exercise ● Test and Measures <ul style="list-style-type: none"> ○ 7D24: Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following: <ul style="list-style-type: none"> ○ 7D24i: Neuromotor Development: detect gross motor milestones, fine motor milestones, and righting and equilibrium reactions ○ 7D24i: Posture: determine normal and abnormal alignment of trunk and extremities at rest and during activities <p>Textbook References</p> <ul style="list-style-type: none"> ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Evidence-based Taping



FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEM: Musculoskeletal System

CAPTE: PTA Standards and Required Elements

- Ethics, Values and Responsibilities
 - 7D11: Identify and integrate appropriate evidence-based resources to support clinical decision-making for progression of the patient within the plan of care established by the physical therapist.
- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care
 - 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications
- Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23g: Patient/Client Education
- Test and Measures – Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following:
 - 7Dg: Joint Integrity and Mobility: detect normal and abnormal joint movement

Exercise Patterns



FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEM: Musculoskeletal System

CAPTE: PTA Standards and Required Elements

- Ethics, Values and Responsibilities
 - 7D1 through 7D14:
- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care

- 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- 7D21: Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant
- Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23f: Motor Function Training (balance, gait, etc.)
 - 7D23g: Patient/Client Education
 - 7D23h: Therapeutic Exercise
- Test and Measures – Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following:
 - 7D24h: Muscle Performance: measure muscle strength by manual muscle testing; observe the presence or absence of muscle mass; recognize normal and abnormal muscle length, and changes in muscle tone.

Textbook References



- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
- Fairchild, S. L., O'Shea, R. K., & Washington, R. D. (2018). Pierson and Fairchild's Principles & Techniques of Patient Care (6th ed.). Elsevier.
- Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.




Gait




CAPTE: PTA Standards and Required Elements

- Ethics, Values, and Responsibilities
 - 7D1 through 7D14
- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23b: Application of Devices and Equipment: assistive /adaptive devices and prosthetic and orthotic devices.
 - 7D23g: Patient/Client Education
 - 7D23h: Therapeutic Exercise

	<ul style="list-style-type: none"> • Test and Measures – Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following: <ul style="list-style-type: none"> ○ 7D24a: Aerobic Capacity and Endurance: measurement of standard vital signs; recognize and monitor response to positional changes and activities (e.g. orthostatic hypotension, response to exercise) ○ 7D24e: Gait, Locomotion, and Balance: determine the safety, status, and progression of patients while engaged in gait, locomotion, balance, wheelchair management, and mobility. <p>Textbook References</p> <ul style="list-style-type: none"> ○ American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association. ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
<p>Lines & Tubes</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> • NONSYSTEM: Safety & Protection <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> • 7C: The technical education component of the curriculum includes content and learning experiences that prepare the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
<p>Medical Screening</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> • <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> • <p>Textbook References</p> <ul style="list-style-type: none"> • Bickley L., Szilagyi P, Hoffman R. Bates' guide to physical examination and history taking. 12th ed. Philadelphia: Wolters Kluwer, 2017. • Boissonnault WG, Vanwye WR. Primary care for the physical therapist: examination and triage. 3rd ed. Elsevier Health Sciences; 2021. • Heick J, Lazaro RT. Goodman and Snyder's Differential Diagnosis for Physical Therapists-E-Book: Screening for Referral.

	Elsevier Health Sciences; 2022 Jun 25.
<p>Mental Health</p> 	<p>FSBPT: NPTE-PT Test Content Outline</p> <ul style="list-style-type: none"> • <p>CAPTE: PT Standards and Required Elements</p> <ul style="list-style-type: none"> • <p>Textbook References</p> <ul style="list-style-type: none"> • American Psychiatric Association. (2013). Diagnostic and statistical manual of mental disorders (5th ed.). • Probst M, Skjaerven LH. Physiotherapy in Mental Health and Psychiatry - a scientific and clinical based approach. 1st ed. Elsevier; 2018. • Preston J, Johnson J. Clinical Psychopharmacology. 9th ed. MedMaster; 2020. • Brown, C. Stoffel, VC. Occupational Therapy in Mental Health - A Vision for Participation. 1st ed. F.A. Davis Company; 2011.
<p>NeuroAnatomy</p> 	<p>Coming Soon!</p> <p>Textbook References</p> <ul style="list-style-type: none"> • Lundy-Ekman L. & Weyer A. (2023). <i>Neuroscience : fundamentals for rehabilitation</i> (6th ed.). Elsevier. • Nichols-Larsen D. S. (2016). <i>Neurologic rehabilitation: neuroscience and neuroplasticity in physical therapy practice</i>. McGraw-Hill Education / Medical.
<p>NeuroExam</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> • BODY SYSTEMS: Neuromuscular & Nervous Systems <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> • Plan of Care <ul style="list-style-type: none"> ○ 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes. ○ 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.

	<p>Textbook References</p> <ul style="list-style-type: none"> ○ American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association. ○ Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier. ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
<p>Neuro Rehab</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> ● BODY SYSTEMS: Neuromuscular & Nervous Systems <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> ○ 7C: The technical education component of the curriculum included content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist. ○ Plan of Care <ul style="list-style-type: none"> ○ 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes. ○ 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care. ○ 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications. ○ Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. <ul style="list-style-type: none"> ○ 7D23d: Functional training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life. ○ 7D23g: Patient/Client Education ○ 7D23h: Therapeutic Exercise ○ Test and Measures <ul style="list-style-type: none"> ○ 7D24 - Demonstrate Competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) ○ 7D24i: Neuromotor Development: detect gross motor milestones, fine motor milestones, and righting and equilibrium reactions <p>Textbook References</p> <ul style="list-style-type: none"> ○ American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association. ○ Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis. ○ Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier. ○ Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier

- Saunders.
- o Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier.
- o O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Orthopaedic



FSBPT: NPTE-PTA Test Content Outline


- BODY SYSTEM
 - o System Interactions
 - o Musculoskeletal System / Gastrointestinal System / Genitourinary system
 - o Research & Evidence-based Practice

CAPTE: PTA Standards and Required Elements

- Patient/Client Management/Screening
 - o 7D15: Interview patients/clients, caregivers, and family to obtain information related to prior and current level of function and general health status.
- Plan of Care
 - o 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
 - o 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - o 7D 21: Determine when an intervention should not be performed due to the clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include:
 - o 7D23e: Manual Therapy Techniques: passive range of motion and therapeutic massage.
 - o 7D23f: Motor Function Training (balance, gait).
 - o 7D23g: Patient/Client Education
 - o 7D23h: Therapeutic Exercises.

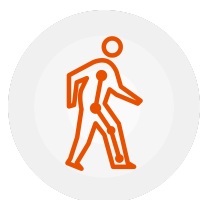
Textbook References

- o Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- o American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- o Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis.
- o Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- o Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders.

	<ul style="list-style-type: none"> ○ Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier. ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis. ○ Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.
<p style="text-align: center;">PNF</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> ● BODY SYSTEMS: Neuromuscular & Nervous Systems <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> ● Patient/Client Management/Screening <ul style="list-style-type: none"> ○ 7D15: Interview patients/clients, caregivers, and family to obtain information related to prior and current level of function and general health status. ● Plan of Care <ul style="list-style-type: none"> ○ 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes. ○ 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications. ○ 7D 21: Determine when an intervention should not be performed due to the clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant. ● Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include: <ul style="list-style-type: none"> ○ 7D23e: Manual Therapy Techniques: passive range of motion and therapeutic massage. ○ 7D23f: Motor Function Training (balance, gait). ○ 7D23g: Patient/Client Education ○ 7D23h: Therapeutic Exercises <p>Textbook References</p> <ul style="list-style-type: none"> ○ Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier. ○ Lazaro, R. T., Reina-Guerra, S. G., & Quiben, M. U. (2020). Umphred's neurological rehabilitation (7th ed.). Elsevier.
<p>Patient Education</p>	<p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> ● Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include: <ul style="list-style-type: none"> ○ 7D23g: Patient/Client Education



Pediatric Gait
VR



FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEMS: Neuromuscular & Nervous Systems

CAPTE: PTA Standards and Required Elements

- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23b: Application of Devices and Equipment: assistive /adaptive devices and prosthetic and orthotic devices.
 - 7D23g: Patient/Client Education
 - 7D23h: Therapeutic Exercise
- Test and Measures – Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following:
 - 7D24a: Aerobic Capacity and Endurance: measurement of standard vital signs; recognize and monitor response to positional changes and activities (e.g. orthostatic hypotension, response to exercise)
 - 7D24e: Gait, Locomotion, and Balance: determine the safety, status, and progression of patients while engaged in gait, locomotion, balance, wheelchair management and mobility.
- 7C: The technical education component of the curriculum included content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- 6: The program has a comprehensive curriculum plan.
 - 6G: The curriculum has a variety of effective instructional method selected to maximize learning. Instructional methods are chosen based on the nature of the content, the needs of the learners, and the defined expected

student outcomes.

Pharmacology



FSBPT: NPTE-PTA Test Content Outline

- NONSYSTEM: System Interactions
- BODY SYSTEMS: Neuromuscular & Nervous Systems; Musculoskeletal System

CAPTE: PT Standards and Required Elements

- 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- Plan of Care
 - 7D18 Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
 - 7D19 Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - 7D20 Report any changes in patient/client status or progress to the supervising physical therapist.

Textbook References

- Ciccone, C. D., Bednarek, M. L., & Miller, K. L. (2016). Pharmacology in rehabilitation (5th ed.). F.A. Davis Company.

Physical Agents





FSBPT: NPTE-PTA Test Content Outline

- NONSYSTEM: Therapeutic Modalities

CAPTE: PT Standards and Required Elements

- Intervention
 - 7D27 Biophysical Agents
- Ethics, Values and Responsibilities
 - 7D1: Adhere to legal practice standards, including all federal, state, and institutional regulations related to patient/client care and fiscal management.
 - 7D9: Apply current knowledge, theory, and clinical judgment while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist.
- Plan of Care
 - 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.

	<ul style="list-style-type: none"> ○ 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications. ○ 7D20: Report any changes in patient/client status or progress to the supervising physical therapist. ○ 7D21: Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant. <ul style="list-style-type: none"> ● Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include: <ul style="list-style-type: none"> ○ 7D23c: Biophysical Agents: biofeedback, electrotherapeutic agents, compression therapies, cryotherapy, hydrotherapy, superficial and deep thermal agents, traction and light therapies. <p>Textbook References</p> <ul style="list-style-type: none"> ○ Cameron, M. H. (2018). Physical Agents in rehabilitation: From research to practice (5th ed.). Elsevier - Health Sciences Division.
<p>Post-Op</p> 	<p>Coming soon!</p>
<p>ROM, MMT</p> 	<p>FSBPT: NPTE-PTA Test Content Outline</p> <ul style="list-style-type: none"> ● BODY SYSTEMS: Musculoskeletal System <p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> ● 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist. ● Ethics, Values and Responsibilities <ul style="list-style-type: none"> ○ 7D1: Adhere to legal practice standards, including all federal, state, and institutional regulations related to patient/client care and fiscal management. ○ 7D9: Apply current knowledge, theory, and clinical judgment while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist.

- Test and Measures - Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during and after interventions) for the following areas:
 - 7D24I: Range of Motion: measure functional range of motion and measure range of motion using an appropriate measurement device.

Textbook References

- Netter, F. H. (2019). Atlas of Human Anatomy (7th ed.). Elsevier.
- Lippert, L. S. (2017). Clinical Kinesiology and Anatomy (6th ed.). F.A. Davis Company.
- Avers, D., & Brown, M. (2018). Daniels and Worthingham's muscle testing: Techniques of manual examination and performance testing. Elsevier.
- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- Jewell, D. V. (2018). Guide to evidence-based physical therapist practice (4th ed.). Jones & Bartlett Learning.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- O'Sullivan, S. B., & Schmitz, T. J. (2016). Improving functional outcomes in physical rehabilitation (2nd ed.). F.A. Davis Company.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
- Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.

Special Tests



FSBPT: NPTE-PTA Test Content Outline

- **BODY SYSTEM:**
 - System Interactions
 - Musculoskeletal System / Gastrointestinal System / Genitourinary system

CAPTE: PTA Standards and Required Elements

- 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- Plan of Care
 - 7D18 Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
 - 7D19 Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - 7D20 Report any changes in patient/client status or progress to the supervising physical therapist.

- 7D21 Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- Test and Measures - Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during and after interventions) for the following areas:
 - 7D24g: Joint Integrity and Mobility: detect normal and abnormal joint movement.
 - 7D24h: Muscle Performance: measure muscle strength by manual muscle testing; observe the presence or absence of muscle mass; recognize normal and abnormal muscle length, and changes in muscle tone.
 - 7D24j: Pain: administer standardized questionnaires, graphs, behavioral scales, or visual analog scales for pain; recognize activities, positioning, and postures that aggravate or relieve pain or altered sensations.
 - 7D24k: Posture: determine normal and abnormal alignment of trunk and extremities at rest and during activities.
 - 7D24l: Range of Motion: measure functional range of motion and measure range of motion using an appropriate measurement device.

Textbook References

- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
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SplintingPro



FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEMS: Musculoskeletal System

CAPTE: PTA Standards and Required Elements

- 2B4 program resources are meeting, and will continue to meet, current and projected program needs including, but not limited to, financial resources, staff, space, equipment, technology, materials, library and learning resources, and student services.
- 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- Ethics, Values and Responsibilities
 - 7D9: Apply current knowledge, theory, and clinical judgment while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist.
- Plan of Care
 - 7D18 Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.

- 7D19 Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
- 7D21 Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- Intervention: Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include:
 - 7D23b: Application of Devices and Equipment: assistive / adaptive devices and prosthetic and orthotic devices

Textbook References

- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Surface Anatomy
Palpation





CAPTE: PTA Standards and Required Elements

- 6B The curriculum plan includes courses in general education and basic sciences that prepare the student for the technical courses, or competencies, if the program is competency based
- 6G The curriculum plan includes a variety of effective instructional methods selected to maximize learning. Instructional methods are chosen based on the nature of the content, the needs of the learners, and the defined expected student outcomes.
- 7B: The physical therapist assistant program curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; and the medical and surgical conditions across the lifespan commonly seen by physical therapist assistants. Evidence of
- 7C The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.

Textbook References

- Netter, F. H. (2019). Atlas of Human Anatomy (7th ed.). Elsevier.
- Lippert, L. S. (2017). Clinical Kinesiology and Anatomy (6th ed.). F.A. Davis Company.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
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<p>Task Analysis</p> 	<p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> • 7B: The physical therapist assistant program curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary,, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; and the medical and surgical conditions across the lifespan commonly seen by physical therapist assistants. • 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist. <p>Textbook References</p> <ul style="list-style-type: none"> • Erickson, M. L., McKnight, R. (2018). Documentation basics: A guide for the physical therapist assistant (3rd ed.). SLACK. • Bircher, W. D. (2022). Documentation for physical therapist assistants. F.A. Davis. • American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association. • Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier. • O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
<p>Vision</p> 	<p>CAPTE: PTA Standards and Required Elements</p> <ul style="list-style-type: none"> • <p>Textbook References</p> <ul style="list-style-type: none"> • Sterns GK, Faye EE. Low Vision. In: Riordan-Eva P, Cunningham ET, Jr. eds. Vaughan & Asbury's General Ophthalmology, 18e. New York, NY: McGraw-Hill; 2011.

E-LEARNING: SIMULATIONS

Acute Care
Interactive
Review



FSBPT: NPTE-PTA Test Content Outline

- NON SYSTEMS: Safety & Protection

CAPTE: PTA Standards and Required Elements

- 7B: The physical therapist assistant program curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; and the medical and surgical conditions across the lifespan commonly seen by physical therapist assistants.
- 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- 7D11 Identify and integrate appropriate evidence based resources to support clinical decision making for progression of the patient within the plan of care established by the physical therapist.
- 7D12 Effectively educate others using teaching methods that are commensurate with the needs of the patient, caregiver or healthcare personnel.
- Plan of Care
 - 7D17 Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
 - 7D18 Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
 - 7D19 Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - 7D20 Report any changes in patient/client status or progress to the supervising physical therapist.
 - 7D21 Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant
- Intervention
 - 7D23 Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include:
 - a. Airway Clearance Techniques: breathing exercises, coughing techniques and secretion mobilization
 - b. Application of Devices and Equipment: assistive / adaptive devices and prosthetic and orthotic devices
 - c. Biophysical Agents: biofeedback, electrotherapeutic agents, compression therapies, cryotherapy, hydrotherapy, superficial and deep thermal agents, traction and light therapies
 - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
 - e. Manual Therapy Techniques: passive range of motion and therapeutic massage
 - f. Motor Function Training (balance, gait, etc.)
 - g. Patient/Client Education

■ h. Therapeutic Exercise

Textbook References

- Hillegass, E. A. (2016). Essentials of cardiopulmonary physical therapy (4th ed.). Elsevier/Saunders.

Diagnostic Imaging Simulations



Textbook References

- McKinnis, L. N. (2014). Fundamentals of Musculoskeletal Imaging (4th ed.). F.A. Davis.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.

Interprofessional Education (IPE)



- **Coming Soon!**

Neurological Simulations



FSBPT: NPTE-PTA Test Content Outline

- BODY SYSTEMS: Neuromuscular & Nervous Systems

CAPTE: PTA Standards and Required Elements

- 7C: The technical education component of the curriculum included content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist.
- Plan of Care
 - 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and

- o long term goals and intended outcomes.
- o 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- o 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
- o Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - o 7D23d: Functional training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life.
 - o 7D23g: Patient/Client Education
 - o 7D23h: Therapeutic Exercise

Textbook References

- o O'Sullivan, S. B., & Schmitz, T. J. (2016). Improving functional outcomes in physical rehabilitation (2nd ed.). F.A. Davis Company.
- o Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.
- o O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Orthopaedics
Simulations



FSBPT: NPTE-PTA Test Content Outline -

- BODY SYSTEMS: Musculoskeletal System

CAPTE: PTA Standards and Required Elements

- Patient/Client Management/Screening
 - o 7D15: Interview patients/clients, caregivers, and family to obtain information related to prior and current level of function and general health status.
- Plan of Care
 - o 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
 - o 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - o 7D 21: Determine when an intervention should not be performed due to the clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include:
 - o 7D23e: Manual Therapy Techniques: passive range of motion and therapeutic massage.
 - o 7D23f: Motor Function Training (balance, gait).
 - o 7D23g: Patient/Client Education
 - o 7D23h: Therapeutic Exercises.

Textbook References

- Erickson, M. L., McKnight, R. (2018). Documentation basics: A guide for the physical therapist assistant (3rd ed.). SLACK.
- Bircher, W. D. (2022). Documentation for physical therapist assistants. F.A. Davis.
- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- Jewell, D. V. (2018). Guide to evidence-based physical therapist practice (4th ed.). Jones & Bartlett Learning.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.

Physical Agents
Simulations



FSBPT: NPTE-PTA Test Content Outline -

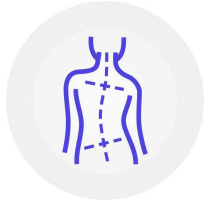

- BODY SYSTEMS: Therapeutic Modalities

CAPTE: PT Standards and Required Elements

- Ethics, Values and Responsibilities
 - 7D1: Adhere to legal practice standards, including all federal, state, and institutional regulations related to patient/client care and fiscal management.
 - 7D9: Apply current knowledge, theory, and clinical judgment while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist.
- Plan of Care
 - 7D17: Communicate an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
 - 7D19: Monitor and adjust interventions in the plan of care in response to patient/client status and clinical indications.
 - 7D20: Report any changes in patient/client status or progress to the supervising physical therapist.
 - 7D21: Determine when an intervention should not be performed due to clinical indications or when the direction to perform the intervention is beyond that which is appropriate for the physical therapist assistant.
- Intervention - Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist. Interventions include:
 - 7D23c: Biophysical Agents: biofeedback, electrotherapeutic agents, compression therapies, cryotherapy, hydrotherapy, superficial and deep thermal agents, traction and light therapies.

Textbook References

- Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis.
- Cameron, M. H. (2018). Physical Agents in rehabilitation: From research to practice (5th ed.). Elsevier - Health Sciences Division.

	<ul style="list-style-type: none"> ○ O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
<p>Postures Simulations</p> 	<p>Coming Soon!</p>
<p>ROM/MMT Simulations</p> 	<p>FSBPT: NPTE-PTA Test Content Outline - BODY SYSTEMS:</p> <ul style="list-style-type: none"> ● Musculoskeletal System <p>CAPTE: PT Standards and Required Elements</p> <ul style="list-style-type: none"> ● 7C: The technical education component of the curriculum includes content and learning experiences that prepares the student to work as an entry-level physical therapist assistant under the direction and supervision of the physical therapist. ● Ethics, Values and Responsibilities <ul style="list-style-type: none"> ○ 7D1: Adhere to legal practice standards, including all federal, state, and institutional regulations related to patient/client care and fiscal management. ○ 7D9: Apply current knowledge, theory, and clinical judgment while considering the patient/client perspective and the environment, based on the plan of care established by the physical therapist. ● Test and Measures - Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during and after interventions) for the following areas: <ul style="list-style-type: none"> ○ 7D24I: Range of Motion: measure functional range of motion and measure range of motion using an appropriate measurement device. <p>Textbook References</p> <ul style="list-style-type: none"> ○ Netter, F. H. (2019). Atlas of Human Anatomy (7th ed.). Elsevier. ○ Lippert, L. S. (2017). Clinical Kinesiology and Anatomy (6th ed.). F.A. Davis Company. ○ Avers, D., & Brown, M. (2018). Daniels and Worthingham's muscle testing: Techniques of manual examination and

- performance testing. Elsevier.
- O'Sullivan, S. B., & Schmitz, T. J. (2016). Improving functional outcomes in physical rehabilitation (2nd ed.). F.A. Davis Company.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Wound Care Simulations



CAPTE: PTA Standards and Required Elements

- Ethics, Values and Responsibilities
 - 7D1 through 7D14
- Patient/Client Management
 - 7D15: Interview patients/clients, caregivers, and family to obtain current information related to prior and current level of function and general health status (e.g., fatigue, fever, malaise, unexpected weight change)
- Plan of Care
 - 7D18: Review health records (e.g., lab values, diagnostic tests, specialty reports, narrative, consults, and physical therapy documentation) prior to carrying out the PT plan of care.
- Intervention – Demonstrate competence in implementing selected components of interventions identified in the plan of care established by the physical therapist.
 - 7D23a: Airway Clearance Techniques: breathing exercises, coughing techniques and secretion mobilization
 - 7D23d: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
 - 7D23g: Patient/Client Education
 - 7D23h: Therapeutic Exercise
- Test and Measures – Demonstrate competence in performing components of data collection skills essential for carrying out the plan of care by administering appropriate tests and measures (before, during, and after interventions) for the following:
 - 7D24a: Aerobic Capacity and Endurance: measurement of standard vital signs; recognize and monitor responses to positional changes and activities (e.g., orthostatic hypotension, response to exercise)
 - 7D24n: Muscle Performance: measure muscle strength by manual muscle testing; observe the presence or absence of muscle mass; recognize normal and abnormal muscle length, and changes in muscle tone
- Participation in Health Care Environment
 - 7D27: Contribute to efforts to increase patient and health care.
 - 7D28: Participate in the provision of patient-centered interprofessional collaborative care.
 - 7D29: Participate in performance of improvement activities (quality assurance).

Textbook References

- Fairchild, S. L., O'Shea, R. K., & Washington, R. D. (2018). Pierson and Fairchild's Principles & Techniques of Patient Care (6th ed.). Elsevier.
- Hamm, R. (2019). Text and atlas of wound diagnosis and treatment. McGraw-Hill.
- Myers, B. A. (2012). Wound management: Principles and practice (3rd ed.). Pearson.

REFERENCES

- FSBPT: NPTE-PTA Test Content Outline ([link](#))
- CAPTE: PTA Standards and Required Elements ([link](#))

Additional information about accreditation standards:

Here are additional comments about accreditation standards that may apply to the PhysioU suite of applications and simulations. The majority of accreditation Standards are from Standard 7

Standard 7

The curriculum includes content, learning experiences, and student testing and evaluation processes designed to prepare students to achieve educational outcomes required for initial practice in physical therapy and for lifelong learning necessary for functioning within an ever-changing health care environment

Below are some additional accreditation items which are not in Standard 7 that may be used by the PTA programs when addressing their compliance to CAPTE's accreditation standards.

Standard 2

The program is engaged in effective, on-going, formal, comprehensive processes for self-assessment and planning for the purpose of program improvement.

- 2B For each of the following, the program provides an analysis of relevant data and identifies needed program change(s) with timelines for implementation and reassessment. The assessment process is used to determine the extent to which:
- 2B4 Program resources are meeting, and will continue to meet, current and projected program needs including, but not limited to, financial resources, staff, space, equipment, technology, materials, library and learning resources, and student services.
 - Evidence of Compliance:
 - Narrative:
 - Provide an analysis of the data collected and the conclusions drawn to determine the extent to which program resources are meeting, and will continue to meet, current and projected program needs including, but not limited to: financial resources, staff, space, equipment, technology, materials, library and learning resources, and student services (academic, counseling, health, disability, and financial aid services).
 - If any student achievement (Elements 1C1, 1C2, 1C3, 1C4) or expected program outcomes fall below the CAPTE required or program expected levels or if there is a downward trend, document the process used to assess and address the performance deficits. Identify data

collected, describe conclusions reached, and describe or identify changes made related to program resources to address the findings or conclusions. Provide a timeline for implementation, including meeting the respective Element, and for reassessment of the effectiveness of changes.

- 2D The faculty is engaged in formal short and long term planning for the program which guides its future development. The planning process takes into account program assessment results, changes in higher education, the health care environment and the nature of contemporary physical therapy practice.
 - Evidence of Compliance:
 - Narrative:
 - Describe the short and long term planning process, including the opportunities for core faculty participation.
 - Describe how the process takes into account changes in higher education, the health care environment and the nature of contemporary physical therapy practice.
 - Describe any changes planned for the next 3-5 years.

Standard 6

The program has a comprehensive curriculum plan.

- 6A The comprehensive curriculum plan is based on:
 - (1) information about the contemporary practice of physical therapy;
 - (2) standards of practice; and
 - (3) current literature, documents, publications, and other resources related to the profession, to the delivery of health care services, to physical therapy education, and to educational theory.
 - Evidence of Compliance:
 - Narrative:
 - Describe how the curriculum plan is based on information about the contemporary practice of physical therapy; standards of practice; and current literature, documents, publications, and other resources related to the profession, to physical therapist assistant education, and to educational theory.
 - Indicate whether the program is expected to utilize a state-mandated curriculum plan.
- 6G The curriculum plan includes a variety of effective instructional methods selected to maximize learning. Instructional methods are chosen based on the nature of the content, the needs of the learners, and the defined expected student outcomes.
 - Evidence of Compliance:
 - Narrative:
 - Describe the variety of instructional methods and learning experiences used in the curriculum to facilitate students' achievement of the objectives.
 - Describe the rationale for the selection of instructional methods and learning experiences used in the curriculum.
- 6H The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.
 - Evidence of Compliance:
 - Narrative:
 - Describe the variety of evaluation mechanisms, including formative and summative, used by the program to measure students' achievement of objectives.
 - Describe the timing of student evaluation across the curriculum, in didactic, laboratory, and clinical education courses, including demonstrating that performance based competencies are assessed in the academic setting prior to clinical performance.

- Describe how the program ensures that evaluations used by the program to evaluate student performance are appropriate for the instructional content and for the expected level of student performance.
- Identify instrument(s) used to assess student performance during clinical education experiences.
- Describe how the program ensures that students have achieved the objectives stated for each clinical education experience.

Standard 8

The program resources are sufficient to meet the current and projected needs of the program

- 8D The program has, or has ensured access to, space, equipment, technology and materials of sufficient quality and quantity to meet program goals related to teaching and service.
- 8D5 Technology resources meet the needs of the program.
 - Evidence of Compliance:
 - Narrative:
 - Describe how the program uses technology for instructional and other purposes.
 - Describe how the available instructional technology meets the needs of the program.