

Physical Therapist Assistant++

Associate in Applied Science

Minimum of 69 credit hours

Physical Therapist Assistants (PTAs) work under the direction of a licensed physical therapist. Duties include assisting the physical therapist in implementing treatment programs according to his/her plan of care. PTAs teach and monitor exercise and activities of daily living, conduct treatments using special equipment, administer modalities, and regularly report to the physical therapist on the patient's responses and progress. Clinical experiences are in physical therapy departments and clinics. Completion of the Associates degree in PTA is required to sit for the licensure exam; our graduates are eligible to meet the requirements of the Oklahoma Board of Medical Licensure and Supervision. The program is accredited by the Commission in Accreditation of Physical Therapy Education which can be found at <http://www.capteonline.org>.

Courses identified by "C" within a program curriculum pattern must be completed with a grade of "C" or better by students majoring in this program. Additionally, PTA students must maintain a program GPA of 2.5 to remain in good standing.

Course Sequence

Course ID	Course Name	Credits	Type	Min Gd
Term 1				
BIO 1314	Human Anatomy and Physiology I	OR	Support	C
BIO 2255	Human Anatomy	4-5 [^]	Support	C
PTA 1013	Introduction to Physical Therapy	3*	Major	C
PTA 1023	Dynamic Human Motion	3*	Major	C
PTA 1213	PT Procedures I	3*	Major	C
Term 2				
BIO 1414	Human Anatomy and Physiology II	OR	Support	C
BIO 2234	Human Physiology	4 [^]	Support	C
SCL 1001	Success in College and Life	1	Life Skills	
PTA 1013	Introduction to Physical Therapy	*	Major	C
PTA 1023	Dynamic Human Motion	*	Major	C
PTA 1213	PT Procedures I	*	Major	C
Term 3				
BIO 2102	Clinical Anatomy	2	Support	C
PTA 1112	Pathology for Physical Rehabilitation	2*	Major	C
PTA 1224	Therapeutic Exercise I	4*	Major	C
PTA 2014	PT Procedures II	4*	Major	C
ENGL 1113	English Composition I	3	Gen Ed	
Term 4				
PTA 1112	Pathology for Physical Rehabilitation	*	Major	C
PTA 1224	Therapeutic Exercise I	*	Major	C
PTA 2014	PT Procedures II	*	Major	C
PTA 1151	Clinical Prep I	1	Major	C
Term 5				
PTA 1312	Initial Practicum	2	Major	S
ENGL 1213	English Composition II	OR	Gen Ed	
ENGL 1233	Technical Writing for the Workplace	3	Gen Ed	
COM 1123	Interpersonal Communications	OR	Gen Ed	
COM 2213	Intro to Public Speaking	OR	Gen Ed	
SOC 2143	Race and Ethnicity in the U.S.	3 [^]	Gen Ed	
Term 6				
PTA 1201	Pediatric Development, Conditions and Treatment	1 [^]	Major	C
PTA 2024	Therapeutic Exercise II	4*	Major	C
PTA 2113	PTA Systems/Problems	3*	Major	C
Term 7				
PTA 1211	Geriatric Conditions and Treatment	1 [^]	Major	C
PTA 2024	Therapeutic Exercise II	*	Major	C
PTA 2113	PTA Systems/Problems	*	Major	C
PTA 2021	Clinical Prep II	1	Major	C
Term 8				
PTA 2034	Practicum I	4	Major	S
POLSC 1113	American Federal Government	3	Gen Ed	
PSY 1113	General Psychology	3	Gen Ed	
Term 9				
PTA 2134	Practicum II	4	Major	S
HIST 1483	U.S. History to 1877	OR	Gen Ed	
HIST 1493	U.S. History 1877 to Present	3	Gen Ed	
*16-week course offered during two 8-week terms				

Course Grouping

#Major Courses: (40 credit hours) Physical Therapist Assistant: PTA 1013; PTA 1023; PTA 1112; PTA 1151; ^PTA 1201; ^PTA 1211; PTA 1213; PTA 1224; PTA 1312; PTA 1414; PTA 2014; PTA 2021; PTA 2024; PTA 2034; PTA 2113; PTA 2134

^General Education Courses: (18 credit hours) English: ENGL 1113; ENGL 1213 or 1233; History: HIST 1483 or HIST 1493; Psychology: PSY 1113; Political Science: POLSC 1113

; Communication: COM 1123 or COM 2213 or Sociology: SOC 2143

Life Skills Courses: (1 credit hour) Life Skills: SCL 1001

^Support Courses: (10-11 credit hours) Biological Science: BIO 1314 OR BIO 2255; BIO 1414 OR BIO 2234; BIO 2102

^Pending OSRHE approval:

Major: Removal of PTA 1202; addition of PTA 1201 and PTA 1211

Gen Ed: Removal of PSY 2403 from Gen Ed; addition of COM 1123 OR COM 2213 OR SOC 2143

Support: Removal of COM 1123 OR COM 2213 OR SOC 2143; addition of choices for BIO (BIO 1314 OR BIO 2255; BIO 1414 OR BIO 2234)

#All PTA and BIO courses (including any PTA Special Topics courses) require a minimum of a "C" grade except the Practicum courses, which require an S grade. Additionally, PTA students must maintain a program GPA of 2.5 to remain in good standing.

Program Notes

Notes: This Technical and Occupational program is designed to prepare students to enter the job force following completion. See Technical and Occupational Programs in the general information section of the catalog.

++Special Admissions Procedures: All Health Professions students are required to submit a nationwide background and pre-placement drug testing prior to clinical/fieldwork. More information will be distributed upon acceptance into your respected program.

The application link is located in lower right corner on our web page

www.occc.edu/health/pta.html

Students must achieve 70 percent or greater on College Math Placement IV or a score of 10 on the CMP3 testing, score of 77 in reading on the Accuplacer or score of 250 on Next. Gen Accuplacer and a 2.5 College GPA, in order to apply to the PTA program. Exam scores are accepted for 2 years after exam date. (Classic Accuplacer scores are no longer accepted after 2020 application.)

Credentialing: The ability to sit for the licensure exam, to meet the eligibility requirements to practice as a physical therapist assistant, will be approved or denied by the Oklahoma Board of Medical Licensure and Supervision based on the results of the criminal history investigations.

All major, general education and support courses must be completed prior to or concurrently with the final practicum.

Degree Program Course Descriptions

BIO 1314 - Human Anatomy and Physiology I

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement. An adequate biology placement test score or BIO 0123 or a college-level biological science class.

4 Credits Through a systematic study of the structure and function of the human body, its cells, tissues, organs and systems, the student will identify and describe basic anatomical structures and fundamental physiological processes that occur in health and disease for the major body systems. Laboratory work which requires dissection is an integral and required part of the course.

BIO 1414 - Human Anatomy and Physiology II

Prerequisites: BIO 1314 with a grade of "C" or higher

4 Credits With Human Anatomy & Physiology I as a foundation, the student will advance his or her study of the structure and function of the human body and will identify and describe more detailed anatomical structures and more comprehensive physiological processes that occur in health through a systematic survey of the major body systems. Laboratory work which requires dissection is an integral and required part of the course.

BIO 2102 - Clinical Anatomy

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement, PTA and OTA students only

2 Credits This course is designed to strengthen the student's knowledge of human anatomy in the areas of bones, muscles, and nerves as related to the areas of occupational and physical therapy. Models and prosected cadavers will be utilized to enrich the student's understanding of these systems.

BIO 2234 - Human Physiology

Prerequisites: BIO 1124 and one college-level chemistry course.

4 Credits Students discuss major systems of the human body, contrast functional and regulatory activities of each and identify factors influencing homeostasis. Through the use of models, the student will recognize the relative influences and interrelationships between circulation, digestion, metabolism, respiration, kidney function, muscle action, endocrine and nervous control, and reproduction of other systems and the organism as a whole. Laboratory work which requires dissection is an integral and required part of the course.

BIO 2255 - Human Anatomy

Prerequisites: BIO 1124

5 Credits Students study the development and gross morphology of the human body and its systems. This course may not be applied for Biology major credit. Open only to majors in physical education, science education, physical therapy, nursing, occupational therapy, physician's associate, dental hygiene, pharmacy, and selected fields. Laboratory dissection of human cadavers is required.

COM 1123 - Interpersonal Communications

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits The student will be able to identify why certain things happen as they do when two or more individuals come together to communicate for a specific purpose. The student must attest to his or her ability to understand the principles of interpersonal communication with emphasis on dyads, small groups, analysis of communication models and nonverbal communication, applying understanding to the major types of interpersonal communication problems in the work environment and in daily human relations.

COM 2213 - Intro to Public Speaking

Prerequisites: ENGL 0106 or adequate placement score

3 Credits Given the principles of effective listening and speaking, the student will assimilate those skills into his or her physical and psychological worlds. After being exposed to public, business and professional speaking, the student will apply the principles of invention, organization, style, and delivery through practical exercises and will use the principles of rhetorical criticism in discussing speeches delivered in class.

ENGL 1113 - English Composition I

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits The student will write well-developed compositions which demonstrate the principles of unity, coherence, and organization and which contain specific details and vivid language. The students will locate library material and incorporate researched materials into compositions.

ENGL 1213 - English Composition II

Prerequisites: ENGL 1103 or ENGL 1113 taken within the last year, with strong encouragement for immediate continuation.

3 Credits In this advanced writing course, students will create essays that explore and

evaluate a variety of issues and perspectives suggested by fiction, poetry, drama, essays, and other types of cultural texts. Students will refine and augment the writing techniques they learned in ENGL 1113 or ENGL 1103 to develop well-reasoned, well-structured arguments in a clear, fluid, and engaging prose style.

ENGL 1233 - Technical Writing for the Workplace

Prerequisites: ENGL 1113 or ENGL 1103; MATH 0203 College Prep Math II or adequate Math Placement Test Score

3 Credits This course will expose students to technical communication and will allow students to practice professional methods of writing in the workplace. In addition to constructing technical documents appropriate for use in professional and job-related environments, students will learn about rhetorical methods for presenting technical information in ethical and formal prose designed for clear and effective communication with employers and colleagues. This course will equip the student with written and oral communication skills necessary for sharing information and discussing content in professional settings; developing an awareness of technical genres; utilizing technological platforms for constructing documents; using visuals and graphics professionally; writing professional correspondence; constructing reports; designing project proposals; and composing instructions. This course satisfies the computer proficiency requirement.

HIST 1483 - U.S. History to 1877

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits After analyzing events in American history from 1400 to 1877 in such areas as revolution, geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.

HIST 1493 - U.S. History 1877 to Present

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits After analyzing events in American history from 1877 to the present in such areas as geographic and social mobility, political reform, government precedents and war,

students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.

POLSC 1113 - American Federal Government

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits A study of the principles, structure, processes and functions of the United States federal government.

PSY 1113 - General Psychology

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits A survey of the major areas of study in psychology such as motivation, learning, physiology, personality, social psychology, abnormal behavior, perception, memory, cognition/thought, and treatment.

PTA 1013 - Introduction to Physical Therapy

Prerequisites: BIO 1314; Corequisite: PTA 1023, PTA 1213, and BIO 1414

3 Credits The student will describe the development and current status of physical therapy and the role of the PTA in the healthcare system. He/she will be introduced to medical ethics, legislation, and the American Physical Therapy Association and its components. Medical communication and documentation will be discussed and practiced. The student will learn and demonstrate basic range of motion exercises, body mechanics and transfers, basic gait training, and infection control methods. The student will explain the concept of "therapeutic helping."

PTA 1023 - Dynamic Human Motion

Prerequisites: BIO 1314; Corequisite: PTA 1013, PTA 1213, BIO 1414

3 Credits The student will be introduced to basic concepts concerning human motion, bony landmarks, muscle location and function, and nerve innervations. The student will learn basic manual muscle testing to assess function and complete an in depth learning module on the use of the goniometer to assess joint motion. The class is divided into five units of instruction: terminology, skeletal and articular system, functional anatomy, goniometry, and manual muscle testing.

PTA 1112 - Pathology for Physical Rehabilitation

Prerequisites: PTA 1013, PTA 1023, PTA 1213; Corequisite: PTA 1224, PTA 2014, BIO 2102, PTA 1151

2 Credits The student will identify underlying circumstances and phases of disease and dysfunction, describe primary and secondary disability patterns related to various deficits, gain knowledge of functional activities and techniques to prevent secondary disabilities using special equipment as needed, and identify terms, prefixes, suffixes and abbreviations used in the medical practice.

PTA 1151 - Clinical Prep I

Prerequisites: PTA 1013, PTA 1023, PTA 1213, BIO 1314, BIO 1414; Corequisites: PTA 1112, PTA 1224, PTA 2014, BIO 2102

1 Credit The student will explore the characteristics of current physical therapy clinical practice. The student will accurately illustrate the role and responsibilities of the PTA in specific clinical settings represented by facilities appropriate for placement in PTA 1312 Initial Practicum. The student will describe/discuss pertinent regulatory and legislative policies which pertain to said facilities and will convey effective communication and teaching strategies with various patient populations/cultures by means of simulated cases. The student will participate in applying clinical and ethical decision making with a variety of patient scenarios. The student will practice progressing patient interventions based on the physical therapist's established goals and plan of care in simulated scenarios. This comprehensive course will require the student to demonstrate competency and provide adequate rationale for each psychomotor component of all prerequisite coursework including: tests and measures, interventions, and documentation, as well as, application (via demonstration, verbal and/or writing) of safe and effective communication, and clinical decision-making as evidenced by successful completion of a comprehensive skill evaluation prior to entering PTA 1312, Initial Practicum.

PTA 1201 - Pediatric Development, Conditions and Treatment

Prerequisites: PTA 1312; Corequisites: PTA 2021, PTA 2024, and PTA 2113

1 Credit The student will be introduced to basic terminology and the theoretical frameworks that guide the study of the human lifespan, specifically birth to adolescence. The student will review the physiological function of different body systems, their interrelationships, and how changes occur over the course of a lifetime, focusing on birth to adolescence. The student will correlate these changes with age appropriate motor, cognitive and social-emotional development, and demonstrate awareness and appropriate therapeutic intervention for specific issues/conditions that impact infants, children and adolescents.

PTA 1211 - Geriatric Conditions and Treatment

Prerequisites: PTA 1312; Corequisites: PTA 2021, PTA 2024, and PTA 2113

1 Credit The student will be introduced to basic terminology and the theoretical frameworks that guide the study of the human lifespan, specifically adulthood to senescence. The student will review the physiological function of different body systems, their interrelationships, and how changes occur over the course of a lifetime, focusing on adulthood to senescence. The student will correlate these changes with age appropriate motor, cognitive and social-emotional development, and demonstrate awareness and appropriate therapeutic intervention for specific issues/conditions that impact adults and elders.

PTA 1213 - PT Procedures I

Prerequisites: BIO 1314; Corequisite: PTA 1013, PTA 1023, BIO 1414

3 Credits The student will apply therapeutic modalities and have knowledge of pain mechanisms to improve a patient's functional independence. The student will be able to safely and competently demonstrate the use of thermal modalities, ultrasound, traction, continuous passive motion devices, dynamic splinting, and massage to treat a patient's conditions. The students will recognize that all treatments provided by a physical therapist assistant are within the plan of care established by the physical therapist and are performed under the general supervision of a physical therapist in the state of Oklahoma. The student will also learn and apply documentation skills for the above modalities. The student must demonstrate proficiency/competency of above modalities with testing, and oral/practical demonstrations. This course satisfies the computer proficiency requirement.

PTA 1224 - Therapeutic Exercise I

Prerequisites: PTA 1013, PTA 1023, PTA 1213; Corequisite PTA 2014, PTA 1112, BIO 2102, PTA 1151

4 Credits The student will apply biomechanical principles of human motion to progress basic exercise programs to complex exercise programs. The student will understand the purposes, indications, and contraindications for exercise. The student will be able to apply the principles of therapeutic exercise to a wide variety of orthopedic conditions, monitor the effectiveness of the exercise, and progress the patient's exercise program within the plan of care established by the physical therapist.

PTA 1312 - Initial Practicum

Prerequisites: The student must have completed the following courses with a "C" or better and maintain a Program GPA of 2.5 to participate in the Initial Practicum: PTA 1013, PTA 1023, PTA 1112, PTA 1213, PTA 1224, PTA 2014; BIO 1314, BIO 1414, BIO

2102, PTA 1151 and successfully pass the comprehensive practical exam.

2 Credits The student will be assigned to a selected physical therapy practice for a minimum of 160 contact hours. Under the direct, on-site supervision of a licensed physical therapist or physical therapist assistant, the student will assume patient care responsibilities in a safe, efficient, ethical and legal manner.

PTA 2014 - PT Procedures II

Prerequisites: PTA 1013, PTA 1023, PTA 1213, *Corequisites:* PTA 1112, PTA 1224; BIO 2102, PTA 1151

4 Credits The student will learn how to apply therapeutic modalities within a physical therapist's plan of care, and use knowledge of pain perception to help improve a patient's functional independence. The student will gain knowledge of application and usage of the following modalities/treatment techniques: electrical stimulation, wound healing techniques (including dressings, topical agents, debridement techniques, universal precautions), respiratory treatments (including different coughing techniques, breathing exercises, and postural drainage/chest PT), and edema management (including compression therapies). Students will be able to use critical thinking to implement modality usage as per the physical therapist's plan of care, and document patient response and effectiveness of their treatments. The student must demonstrate proficiency/competency in these modalities through testing and oral/practical demonstrations.

PTA 2021 - Clinical Prep II

Prerequisites: PTA 1312; *Corequisites:* PTA 1202, PTA 2024, PTA 2113

1 Credit The student will continue to explore and appreciate the complexities associated with contemporary physical therapy practice, as well as, the health care system. The student will accurately illustrate the role and responsibilities of the PTA in all physical therapy settings. The student will describe/discuss pertinent regulatory and legislative policies affecting access to and the delivery of physical therapy across all settings. During simulated opportunities, the student will portray effective communication, teaching, and documentation strategies with various patient populations/cultures and health care team members in any physical therapy setting. The student will investigate ethical, socioeconomic and resource challenges common to current physical therapy practice using a variety of patient scenarios. The student will practice participating in identifying and securing appropriate equipment requirements and advocating for patient/client needs to vendor/payors. This comprehensive course will require the student to demonstrate competency and provide adequate rationale for each psychomotor component of all

prerequisite coursework including: tests and measures, interventions, and documentation, as well as, application (via demonstration, verbal and/or writing) of safe and effective communication and clinical decision-making for any patient/client as directed by the physical therapist of record and evidenced by successful completion of a comprehensive skill evaluation prior to entering PTA 2034, Practicum I.

PTA 2024 - Therapeutic Exercise II

Prerequisites: PTA 1312; *Corequisite* PTA 1202, PTA 2113, PTA 2021

4 Credits The student will continue to apply biomechanical principles of human motion to progress functional exercise programs. The student will understand the purposes, indications, and contraindications for exercise. The student will be able to apply the principles of therapeutic exercise to a wide variety of neurological, cardiac & various debilitating conditions including ones resulting from trauma and/or amputation; to monitor the effectiveness of the exercise/functional activity and to identify the need to contact the therapist of record due to a change in the patient/client's status. The student will recognize the role of the PTA and will progress the patient's exercise program within the plan of care established by the physical therapist.

PTA 2034 - Practicum I

Prerequisites: The student must have completed the following courses with a "C" or better and a Program GPA of 2.5 to participate in the Practicum I: PTA 1312, PTA 1202, PTA 2024, PTA 2113, PTA 2021 and successfully pass the comprehensive practical exam.

4 Credits The student will function in the clinic as a health care team member, under the direct supervision of a physical therapist or physical therapist assistant, carrying out select portions of the physical therapist's plan of care. The student will establish helping relationships; practice effective interpersonal communications; apply ethical and legal principles, identify and provide for normal and threatened basic needs of patients; practice effective infection control techniques; administer selected modalities to prevent secondary disabilities and manage pain; correctly apply principles of biomechanics and physiology in administering exercise, transfer, and gait training. The student will clearly report and document significant observations and treatments orally and in writing.

PTA 2113 - PTA Systems/Problems

Prerequisites: PTA 1312; *Corequisite:* PTA 1202, PTA 2024, PTA 2021

3 Credits This course is designed to provide the student the opportunity to explore and further understand systems and challenges that impact the Physical Therapist Assistant within the context of the physical therapy profession and health care delivery system.

The course explores the role of the Physical Therapist Assistant and how s(he) functions as a member of the health care team; systems and operational issues that affect the practice of a Physical Therapist Assistant; and challenges that the Physical Therapist Assistant and all health care professionals face in day to day clinical practice. This course satisfies the computer proficiency requirement.

PTA 2134 - Practicum II

Prerequisites: PTA 2034

4 Credits The student will continue to function in the clinic as a health care team member, under the direct supervision of a physical therapist or physical therapist assistant, carrying out select portions of the physical therapist's plan of care. The student will demonstrate competence in all areas described in PTA 2034. The student is expected to function at the level of an entry level physical therapist assistant at the completion of this course.

SCL 1001 - Success in College and Life

Prerequisites: ENGL 0106 or adequate reading/writing assessment scores

1 Credit Students will learn best practices for academic, career, and personal success. Students will discover their individual strengths, interests, and values to create a personalized plan; select and utilize resources that are applicable to their growth and success; and engage as active and responsible members of the academic community. This course should be taken during a student's first semester of college work at Oklahoma City Community College and is a required course in degree plans to satisfy the Life Skills requirement.

SOC 2143 - Race and Ethnicity in the U.S.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits This course examines sociological theories of contact between minority and majority groups in a multicultural society, including topics such as prejudice, discrimination, acculturation, and pluralism.