

**Lane Community College**  
**Physical Therapist Assistant Program**  
**PTA 280 Cooperative Education – PTA Clinical Internships**

**Completed Coursework:**

Specific content areas for which the student has demonstrated academic and laboratory competency prior to beginning PTA 280A are as follows:

<b>Course</b>	<b>KNOWLEDGE, SKILLS AND ABILITIES</b>
Gen-Ed Curriculum  32 credits	<b>Communications Elementary Algebra (or higher), Health and First Aid, Human Body Systems, Psychology, Medical Terminology, Writing</b> Foundational skills and knowledge assessments in arts & letters, math, health, health care science, general science, social science, medical communication, and information literacy. <b>Competencies demonstrated: college-level general education learning outcomes, CPR and AED use, first aid certification</b>
PTA 100 3 credits	<b>Introduction to Physical Therapy</b> Communication and goal setting skills, accountability, written and electronic communication, problem-solving and role of PT/PTA/PT Aide and physical therapy practice. <b>Competencies demonstrated: Working under PT supervision, APTA Code of Ethics, APTA Standards of Ethical Conduct for the Physical Therapist Assistant, Guide to PT Practice, reimbursement, State PT Practice Act, introductory documentation</b>
PTA 101/101L  5 credits 2 credits/ 6 lab hours	<b>Introduction to Clinical Practice 1/Lab</b> Electrotherapeutic, physical and mechanical modalities, thermotherapy, crutch and gait with assistive devices, massage, transfer techniques and basic motor learning patterns, pain. <b>Competencies demonstrated: Vital signs, standard precautions, posture, informed consent, body mechanics, positioning, transfers, application of hot pack/ice, ultrasound, electrical stimulation, TENS, massage, wheelchair management and propulsion, PROM, and documentation principles</b>
PTA 132/132L  2 credits 2 credits, 6 lab hours	<b>Applied Kinesiology 1/Lab</b> Lower body kinesiology knowledge including gait and locomotion training, injury prevention of lower extremity issues, manual therapy techniques, flexibility exercises and movement pattern training. <b>Competencies demonstrated: goniometry, MMT, PROM, exercise prescription and progression, PNF and palpation for the lower quarter, pelvic symmetry and leg length measurement, gait analysis, joint integrity and mobility</b>
PTA 103/103L  5 credits 2 credits, 6 lab hours	<b>Introduction to Clinical Practice 2/Lab</b> Pathology of single organ dysfunction diagnoses, discharge planning, psychosocial impacts of disease, geriatric and pediatric conditions, injury prevention, and self-care ADL training. <b>Competencies demonstrated: BBP, OSHA, HIPAA, mandatory reporter, asepsis, administration of standardized tests (FIM/PLE), measuring physical space, activities for reconditioning in the general medical population (bed mobility, transfers, therex), sensation and myotome testing, orthotic fitting, airway clearance, iADLs, energy conservation, wheelchair safety, basic skin checks, basic anthropometric data collection, arousal/attention, data collection and documentation for the interventions in the general medical population</b>
PTA 133/133L	<b>Applied Kinesiology 2/Lab</b> Upper body kinesiology knowledge including body mechanics and postural awareness, flexibility exercises, PNF, injury prevention and manual therapy techniques <b>Competencies demonstrated: goniometry, MMT, PROM, exercise prescription and</b>

2 credits 2 credits, 6 lab hours	<b>progression, PNF and palpation for the upper quarter, posture analysis, and movement analysis presentation</b>
PTA 104/104L  5 credits 2 credits, 6 lab hours	<b>PT Interventions – Orthopedic Dysfunctions/Lab</b> Orthopedic interventions for the spine and extremities. Includes arthritis, fracture, overuse, joint arthroscopy and arthroplasty; includes recognition of signs and symptoms of abuse. <b>Competencies demonstrated: Assistive device fit, gait training, traction, therapeutic exercises and exercise principles for conditions affecting the spine extremities, and protective bracing</b>

### Concurrent Coursework During Clinical:

During each clinical experience, students are enrolled in the following courses. The format is condensed prior to and after the clinical experience.

<b>Fall</b> PTA 204/204L  5 credits 2 credits, 6 lab hours	<b>PT Interventions – Neurological Dysfunctions/Lab</b> Understanding of neurological dysfunctions and physical therapy interventions for neurological conditions encountered in physical therapy, including SCI, TBI, CVA, MS, Parkinson’s, Developmental Delay, and dementia <b>Competencies demonstrated: Balance considerations/exercises, coordination exercises, neuromuscular tone, locomotion, and assistive devices for ADLs, neuromuscular re-education, pediatric rehabilitation/handling, PNF, gross and fine motor milestones, neurological tests and measures, caregiver training, DC planning, cognitive and age-appropriate communication</b>
<b>Winter</b> PTA 205/205L  4 credits 2 credits, 6 lab hours  PTA 202 2 credits	<b>PT Interventions – Complex Medical Dysfunctions/Lab</b> Case study and clinical problem solving for complex medical conditions in the acute and outpatient/home health settings. <b>Competencies demonstrated: wound/burn care, compression bandaging, lymphedema, prosthetics and gait training with prosthetics, instruction in ADL equipment, task-specific facilitation and training, and exercise modification for complex medical patients</b>  <b>Physical Therapy and the Older Adult</b> Understanding of aging and its impacts clinical reasoning, selecting interventions from the plan of care, and interprofessional roles and responsibilities. <b>Competencies demonstrated: Health promotion and safety (e.g. fall screening and prevention, pharmacology) and advocacy.</b>
<b>Spring</b> PTA 200 4 credits         PTA 203 2 credits	<b>Professionalism, Ethics, and Exam Preparation</b> Case study and clinical problem solving for complex ethical and clinical decision-making scenarios under the guise of the Oregon PT practice administrative rules, appreciation of the richness of workplace diversity, development of a professional and therapeutic presence and resume-building, PTA examination preparation. <b>Competencies demonstrated: Clinical problem solving for complex ethical and clinical decision-making scenarios, workplace readiness and resume-building, PTA examination readiness</b>  <b>Contemporary Topics in Physical Therapy</b> Finalize and present service-learning topic. <b>Competencies demonstrated: Engage, communicate, and reflect on physical therapy community of practice</b>