PHYSICAL THERAPY (DPT)

DPT 5000 Introduction to Physical Therapist Practice — 3 credits
This course introduces the student to the scope and history of physical therapist practice. The APTA Vision statement and Core Values will be key documents studied and discussed in this course. A model of physical therapy patient/client management will be introduced, with focus on skills that are essential for success in the field, such as accessing research literature, communication skills (including documentation), group work and teaming skills, professional behaviors, critical thinking and learning skills, cultural competence, leadership, and dealing with legal/ethical issues. A broad overview of the neuromuscular and musculoskeletal systems will be provided and study of the basic physiological principles relevant to the science of PT will be initiated. Anatomical foundations for understanding, describing, and assessing human movement will be introduced. Students will develop skills in observing normal movement and begin to appreciate deviations from normal. Functional assessment will be introduced, as students learn the range of tests and measures available to physical therapists. Students will be oriented to and will begin integrated clinical education (ICE). The course will conclude with a full day Leadership Symposium and White Coat Ceremony, at which time DPT students will take the Student Physical Therapist Oath.

DPT 5010 Outpatient Physical Therapy I — 6 credits
This course integrates the basic sciences of anatomy, kinesiology, tissue biomechanics, muscle physiology and pathology with clinical skills pertaining to shoulder and elbow examination, evaluation and intervention in the outpatient orthopedic setting. Students practice application of physical therapy skills within the patient management model. Examination skills include observation, goniometry, manual muscle testing, palpation and special tests for the shoulder girdle and elbow. Interventions include basic massage techniques, physical agents, and an introduction to therapeutic exercise. Course content will emphasize the importance of sound psychometric properties of various outcome measures with the emphasis on measuring upper extremity function. Students will learn appropriate documentation using different formats. Students receive an introduction to pharmacology principles and medical screening. Learning activities will include lecture, lab, tutorial and case-based learning, student presentations and small group work. This course expands on the professional roles of the physical therapist in an outpatient setting.
Prerequisite: Successful completion of prior DPT coursework.

DPT 5025 Acute Care I — 6 credits
This course provides students with an introduction to acute care clinical practice. Included in this course are topics related to the clinical anatomy and kinesiology of the hip and knee, especially as they relate to degenerative joint disease and potential subsequent total joint procedures. Related to this, students learn manual muscle testing, goniometry, sensory and proprioceptive testing, muscle length testing, special testing of the hip and knee and assessment of a patient’s functional mobility, as these skills are essential to a typical acute care examination. Cadaver dissection of the hip and knee is also an integral part of coursework. The primary pathologies covered in this course are hip arthroplasty, hip fractures and total knee arthroplasty. Students are instructed in infection control procedures, as well as in measuring vital signs. Students also learn how to interpret and begin to make clinical decisions about basic lab values, vital signs, infection control, post surgical complications, and surgical lines and tubes. The application of the basic concepts of normal gait, as well as patient handling skills such as gait training and transfers are taught and assessed. By the end of the course, the students will apply and integrate appropriate tests and measures to perform an initial PT examination for a patient in an acute-care setting.
Prerequisite: Successful completion of prior DPT coursework.

DPT 5035 Outpatient Physical Therapy II — 7 credits
This course involves an in-depth study of the peripheral nervous system and spine, including both neuro-anatomy and neuro-physiology. The clinical focus is on differential diagnosis of nerve entrapment syndromes of the spine, upper extremity, with spine, forearm & hand anatomy. Selected examination techniques are introduced, emphasizing evaluation of nerve integrity.
Prerequisite: Acceptance into the DPT Program.

DPT 5040 Rehabilitation I — 6 credits
This course introduces students to physical therapy practice in the neurologic rehabilitation setting with an emphasis on the clinical management of patients with a diagnosis of CVA. Students are exposed to pathology, pharmacologic intervention and physical therapy tests and measures specific to this population. Basic neurorehabilitation intervention techniques are also introduced. In addition, students explore the structure and function of the central nervous system, normal and pathological gait, experimental design, evidence-based practice and business practice principles related to health care system change.
Prerequisite: Successful completion of prior DPT coursework.
DPT 5055 Transitional Care I — 7 credits
This course introduces physical therapy management of patients/clients as they transition from acute to post-acute care settings, with a focus on PT evaluation and intervention for the cardiac, pulmonary, and integumentary systems. The effects of aging on body systems is introduced in this course, specifically examining the effects on connective tissue, the cardiopulmonary systems, and the integumentary system. The use of exercise physiology principles in the areas of cardiac and pulmonary testing, resistance exercise and aerobic exercise are used throughout the course and are applied to the adult population across the lifespan. The medical screening process is introduced to students. The student will also learn the process, structure, and expectations of full-time clinical experiences in preparation for DPT 5070: Clinical Education I. Problem solving strategies for maximizing clinical learning will be discussed. The course will culminate in a comprehensive oral/practical exam, requiring the student to integrate, synthesize, and apply knowledge and skills acquired throughout the first year of the DPT curriculum in order to perform a patient examination and treatment in a simulated clinical environment.
Prerequisite: Acceptance into the DPT Program.

DPT 5070 Clinical Education I — 6 credits
Clinical Education I is the first full-time clinical experience of the DPT Program and occurs at the end of the first year. The student is placed in one clinical setting, full-time for eight consecutive weeks. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist/s (clinical instructor/s). The primary purpose of this clinical experience is to allow the student to gain experience in basic patient/client management in either an orthopedic outpatient, acute care, general practice (rural hospital), or subacute/skilled nursing facility. Emphasis will be placed on the clinical application and integration of the knowledge and skills learned during the first year of the DPT Program. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/service, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc.).
Prerequisite: Successful completion of prior DPT coursework.

DPT 5000 Acute Care II — 6 credits
This course will review and expand on the gross and microscopic anatomy and physiology of the heart, lungs, kidney, liver, and immune systems. Selected cardiac, renal, hepatic, and immune system pathologies will be covered. Physical therapy, for patients with the above conditions involving advanced acute care management/intervention issues will be the focus of the course. Outpatient cardiac rehabilitation and home care physical therapy are covered. Concepts of wellness and health promotion will be introduced and a community based health and wellness event will be planned. Management concepts including organizational structure and outcomes measurement will be addressed.
Prerequisites: Acceptance into the DPT Program; DPT Program prerequisite coursework.

DPT 6010 Rehabilitation II — 5 credits
This course builds upon the content in DPT 5040 Rehabilitation I by advancing students’ knowledge and skills as they relate to physical therapy practice in the rehabilitation setting. Pathology, pharmacologic intervention and clinical management of adult patients with neurologic conditions such as traumatic brain injury, spinal cord injury and Parkinson’s disease are addressed. In addition, the course integrates a deepened understanding of the central nervous system with an emphasis on the structure and function of the spinal cord, brain stem, basal ganglia and cerebellum. Content related to psychosocial issues, documentation, selected statistical tests, neuroplasticity and motor learning is also included.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6015 Rehabilitation II — 6 credits
This course builds upon the content in DPT 5040 Rehabilitation I by advancing students’ knowledge and skills as they relate to physical therapy practice in the rehabilitation setting. Pathology, pharmacologic intervention and clinical management of adult patients with neurologic conditions such as traumatic brain injury, spinal cord injury and Parkinson’s disease are addressed. In addition, the course integrates a deepened understanding of the central nervous system with an emphasis on the structure and function of the spinal cord, brain stem, basal ganglia and cerebellum. Content related to psychosocial issues, documentation, selected statistical tests, neuroplasticity and motor learning is also included.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6020 Subacute II — 6 credits
This course builds upon DPT 5050 Subacute I by addressing physical therapy patient/client management of the older adult in the long term care, subacute, assisted living and outpatient settings. Theories of aging and the effects of normal aging on the neuromuscular and integumentary systems are introduced. Effects of normal aging on the cardiopulmonary system and musculoskeletal systems are expanded upon from DPT 6000 and DPT 5050. Concepts and issues related to successful aging, frailty, sexuality, polypharmacy, nutritional needs, and residential care of older adults are covered. Topics include dementia/Alzheimer’s disease, introduction to vestibular dysfunction (BPPV), balance/falls, wellness/prevention, osteoporosis, and administration issues (compliance, financial performance, restraints). Connective tissue disorders are defined and rheumatoid arthritis is studied. The neuroscience of emotion, cognition and the limbic system; fundamentals of teaching/learning theory; and design of a teaching presentation are included. Multiple sclerosis is presented and integrated with issues of aging. Reimbursement systems (Medicare) are addressed, as is evidence-based practice with regard to selected functional outcome measures. Research topics include epidemiology, reliability, chi square and kappa. The Senior Mentor series culminates in this course with the integration of information learned with multiple key topics.
Prerequisite: Successful completion of first-year DPT courses.
DPT 6025 Transitional Care II — 5 credits
This course builds upon DPT 5055 Transitional Care I by addressing physical therapy patient/client management of the older adult in the long term care, subacute, assisted living and outpatient settings. Theories of aging and the effects of normal aging on the neuromuscular and integumentary systems are introduced. Effects of normal aging on the cardiopulmonary system and musculoskeletal systems are expanded upon from DPT 6000 and DPT 5055. Concepts of and issues related to successful aging, frailty, sexuality, polypharmacy, nutritional needs, and residential care of older adults are covered. Topics include dementia/Alzheimer’s disease, introduction to vestibular dysfunction (BPPV), balance/falls, wellness/prevention, osteoporosis, and administration issues (compliance, financial performance, restraints). Connective tissue disorders are defined and rheumatoid arthritis is studied. The neuroscience of emotion, cognition and the limbic system, fundamentals of teaching/learning theory; and design of a teaching presentation are included. Multiple sclerosis is presented and integrated with issues of aging. Reimbursement systems (Medicare) are addressed, as is evidence-based practice with regard to selected functional outcome measures. Research topics include epidemiology, reliability, chi square and kappa. The Senior Mentor series culminates in this course with the integration of information learned with multiple key topics.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6030 Rehabilitation III — 4 credits
This course introduces the student to the medical and physical therapy management of patients who have undergone amputation of an upper or lower extremity. Peripheral vascular disease, as a common cause of amputation is emphasized. Principles of biomechanics as they relate to components of gait and orthotic/prosthetic interventions are addressed. This course also applies clinical decision making and the use of interventions specific to the healing of wounds of various etiologies.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6040 Outpatient Physical Therapy III — 7 credits
This course will build upon knowledge and skills from DPT 5010 Outpatient Physical Therapy I and DPT 5030 Outpatient Physical Therapy II. DPT 6040 will cover a greater breadth of topics with advanced scope and greater complexity relevant to physical therapy practice in the outpatient care setting. Pathology and management of patients with musculoskeletal impairments will be central to this course. Common conditions of the cervical spine, lumbar spine, sacroiliac joint, lower extremity and upper extremity will be addressed in detail, including pathomechanics, key history and examination findings, physical therapy intervention, and medical management for each condition. Practical application of knowledge and skills is a focus of this course, including utilization of case studies, advanced therapeutic exercise program design and case-based tutorials. Additional major topics include arthrology with cadaver joint dissection, peripheral and spinal joint mobilization/ manipulation, soft tissue mobilization, health care administration and health care outcomes, ethics in health care and medical screening/differential diagnosis.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6050 Clinical Education II — 6 credits
Clinical Education II occurs in semester two of the second year in the DPT Program. The student is placed in one clinical setting, full-time for eight consecutive weeks. The purpose of this clinical experience is to provide students an opportunity to utilize their developing skills in patient/client management, with an emphasis on integrating knowledge and techniques learned during the first year and-a-half in the DPT program. The student will deliver direct physical therapy services to patient/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, or inpatient/outpatient rehabilitation facility. The student will complete preliminary work for a case report, based on a patient seen during this internship; the case report will be written during DPT 6060 Pediatrics. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/inservices, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc). The student will identify a clinically relevant ethical situation during this clinical course (as assigned in DPT 6040 Outpatient II) that will be discussed in DPT 6060 Pediatrics.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6055 Clinical Education II — 7 credits
Clinical Education II occurs in semester two of the second year of the DPT Program. The student is placed in one clinical setting, full-time, for 10 consecutive weeks. The purpose of this clinical experience is to provide students an opportunity to utilize their developing skills in patient/client management, with an emphasis on integrating knowledge and techniques learned during the first year and a half in the DPT program. The student will deliver direct physical therapy services to patient/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, or inpatient/outpatient rehabilitation facility. The student will complete preliminary work for a case report, based on a patient seen during this clinical experience; the case report will be written during DPT 6060 Pediatrics. The student will identify a clinically relevant ethical situation during this clinical course (as assigned in DPT 6040 Outpatient II) that will be discussed in DPT 6060 Pediatrics. The student will have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/inservices, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc). The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/inservices, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc).
Prerequisites: Successful completion of all prior DPT Program coursework. Successful completion of a healthcare professional level course in Cardiopulmonary Resuscitation. Provide proof of immunizations as outlined in the DPT Clinical Education Handbook. Completion of state of Minnesota Background Study. Compliance with background study requirements for state in which student is assigned, if other than Minnesota. Compliance with any additional requirements of assigned clinical site, which may include drug testing or a national background check. Basic knowledge of HIPAA regulations. The student must carry health insurance (student is responsible for cost). Completion of Student Clinical Education Contract. Successful completion of the PT CPI Web training module (APTA website, Learning Center). Completed contact with assigned site prior to clinical experience. Completed requirements as stipulated by the assigned site prior to clinical experience. Read the site’s Clinical Site Information Form (CSIF).
DPT 6060 Pediatrics — 6 credits
This course focuses on the physical therapy management of children from birth to 21 who require rehabilitation services. Basic concepts of genetics as well as normal embryonic and fetal development provide a foundation for learning about typical versus atypical development in children. Common pediatric diagnoses, family-centered services, state and federal laws related to delivery of services and ethical issues associated with pediatric physical therapy are addressed. In addition, as part of the research/evidence-based practice thread, content related to qualitative research is integrated into this course.
Prerequisite: Successful completion of first-year DPT courses.

DPT 6681 Directed Study — 1 credit

DPT 6686 Directed Study — 6 credits
Directed study is provided for students whose unusual circumstances prohibit taking a regularly scheduled course but who need the material of that course to satisfy a requirement. Availability of this faculty-directed learning experience depends on faculty time and may be limited in any given term and restricted to certain courses.
Prerequisites: Faculty, department chair and dean approval.

DPT 7000 Research Project Credits I — 2 credits
By participation in a research or case report group the student will make the transition from consumer of research to producer of research. The student is required to review, integrate and apply knowledge of research principles from the first and second years of the curriculum. Taking into account student preferences, the student will be assigned to either a faculty-led research project group, or b) a case report research group. The focus of DPT 7000 Research Project Credits I is on searching peer-reviewed medical databases to locate research articles relevant to a research project or case report, analyzing and interpreting these articles, integrating the findings, and synthesizing and summarizing the results in written form. Students will be required to develop and demonstrate skills in scientific writing using the American Medical Association (AMA) format for references.
Prerequisite: Successful completion of first-year DPT courses.

DPT 7040 Research Project Credits II — 2 credits
This course focuses on the process of data collection, followed by analysis, interpretation and synthesis of results. Students will learn and practice oral presentations skills. This course will culminate in the public presentation of research results in front of an audience of peers, faculty and clinicians.
Prerequisite: Successful completion of second-year DPT courses.

DPT 7100 Complex Medical and Trauma Care — 5 credits
This course will advance the student's knowledge and skill in the medical and physical therapy management of patients with complex trauma and/or medical conditions. Patients with burns, cancer and involvement of multiple systems (musculoskeletal, cardiopulmonary, neuromuscular and/or integumentary) will be the focus of the course. Issues of mental illness and chemical dependency will also be addressed. The students' clinical decision-making skills in complex case scenarios will be assessed through group presentations, group papers and an individual paper.
Prerequisite: Successful completion of second-year DPT courses.

DPT 7110 Clinical Education III — 6 credits
Clinical Education III occurs at the beginning of year three of the DPT Program. The student is placed in one clinical setting, full-time, for eight consecutive weeks. The primary purpose of this clinical experience is to provide students an opportunity to utilize their developing skills in patient/client management, with a wide variety and complexity of patients/clients. Emphasis will be placed on integrating knowledge and techniques learned during the first two years of the DPT program. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing or inpatient/outpatient rehabilitation facility. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/inservices, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc).
Prerequisite: Successful completion of second-year DPT courses.

DPT 7121 Outpatient Physical Therapy I — 4 credits
This course will continue to build on the knowledge from the previous Outpatient PT courses. The course will introduce the student to the physical therapy management of patients who have cumulative trauma/stress injuries, especially related to occupational injuries with emphasis on ergonomics, Workman’s Compensation rules/regulations, and psychophysiological responses to stress. In addition, further specific musculoskeletal topics will be covered including hand examination and rehabilitation with fabrication of thermoplastic splints, temporomandibular joint dysfunction and women’s health. The principles of community work and learning (service learning) will be introduced in preparation for the implementation of this component of the DPT curriculum in the following spring semester.
Prerequisite: Successful completion of second-year DPT courses.

DPT 7125 Advanced Clinical Practice I — 5 credits
This course is the first of two advanced practice courses that emphasize comprehensive integration and application of knowledge and skills gained from previous outpatient and rehabilitation courses in the DPT curriculum. The course focuses on the physical therapy management of patients who have cumulative outpatient rehabilitation services in the DPT curriculum. The course focuses on the physical therapy management of patients who have cumulative trauma/stress injuries, especially related to occupational injuries, and the management of clients with neurologic diagnoses both across the lifespan and care continuum. Pathology and management of patients with vestibular conditions and concussion, hand therapy, ergonomics, Workers Compensation rules/regulations, and psychophysiological responses to stress are among the topics addressed. In addition, further specific musculoskeletal topics will be covered including temporomandibular joint dysfunction, chronic pain, manual therapy progression, and pelvic floor health. Leadership/Administration projects will be presented as part of this course.
Prerequisites: Acceptance into the DPT Program; DPT Program prerequisite coursework.
DPT 7131 Rehabilitation IV — 3 credits
Rehabilitation IV builds upon students’ prior course work with an emphasis on comprehensive integration and application of previous knowledge, skills and values related to the management of clients with neurological diagnoses both across the lifespan and the care continuum. Use of motor control theory, motor learning principles and current evidence to support and guide care plans will be emphasized. Pathology and management of patients with vestibular conditions, concussion, and mild traumatic brain injury are also addressed. Students will orally present a comprehensive community-based health care plan that addresses a specific community-based health care goal and serves as a capstone project for the leadership/administration practice thread of the DPT curriculum. The didactic portion of the program’s service learning thread comes to conclusion in this course, in preparation for the experiential service learning component in the following semester. 
**Prerequisite:** Successful completion of second-year DPT courses.

DPT 7135 Advanced Clinical Practice II — 3 credits
This course is the second of two advanced practice courses that emphasize comprehensive integration and application of knowledge and skills gained from previous outpatient and rehabilitation courses in the DPT curriculum. The course focuses on the physical therapy management of clients with neurologic diagnoses both across the lifespan and care continuum and orthopaedic conditions with special emphasis on sports medicine applications. Use of motor control theory, motor learning principles and current evidence to support and guide care plans will be emphasized. Rehabilitation will be situated in context through discussion of health care reform and its impact on health care organizations, the physical therapy profession, and physical therapists. 
**Prerequisites:** Acceptance into the DPT Program; DPT Program prerequisite coursework.

DPT 7140 Clinical Education IV — 6 credits
Clinical Education IV occurs at the beginning of semester two of year three in the DPT Program. The student is placed in one clinical setting, full-time for eight consecutive weeks. The primary purpose of this clinical experience is to provide students an opportunity to utilize their developing skills in patient/client management, with a wide variety and complexity of patients/clients. Emphasis will be placed on integrating knowledge and techniques learned during the first two and a half years of the DPT program. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist(s) (clinical instructor/s). Students will typically be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, inpatient/outpatient rehabilitation, or pediatric facility. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/in-services, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc.). The student will prepare a critically appraised topic (CAT) during this clinical experience that is relevant to the PT practice at the assigned site and present findings to facility staff in an inservice. 
**Prerequisite:** Successful completion of second-year DPT courses.

DPT 7145 Clinical Education III — 7 credits
The primary purpose of this clinical experience is to provide students an opportunity to utilize their developing skills in patient/client management, with a wide variety and complexity of patients/clients. Emphasis will be placed on integrating knowledge and techniques learned during the first two and a half years of the DPT program. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will typically be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, inpatient/outpatient rehabilitation, or pediatric facility. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/in-services, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc.). The student will prepare a critically appraised topic (CAT) during this clinical experience that is relevant to the PT practice at the assigned site and present findings to facility staff in an in-service. 
**Prerequisites:** Successful completion of all prior DPT Program coursework. Successful completion of a healthcare professional level course in Cardiopulmonary Resuscitation. Provide proof of immunizations as outlined in the DPT Clinical Education Handbook. Completion of state of Minnesota Background Study. Compliance with background study requirements for state in which student is assigned, if other than Minnesota. Compliance with any additional requirements of assigned clinical site, which may include drug testing or a national background check. Basic knowledge of HIPAA regulations. The student must carry health insurance (student is responsible for cost). Completion of Clinical Education Student Contract. Successful completion of the PT CPI Web training module (APTA website, Learning Center). Completed contact with assigned site prior to clinical experience. Completed requirements as stipulated by the assigned site prior to clinical experience. Read the site’s Clinical Site Information Form (CSIF).

DPT 7150 Clinical Education V — 6 credits
Clinical Education V occurs during semester two of year three in the DPT Program, and it is the final clinical experience of the DPT curriculum. The student is placed in one clinical setting, full-time for eight consecutive weeks. The primary purpose of this clinical experience is to provide students an opportunity to achieve and demonstrate entry-level skills in patient/client management, with a wide variety and complexity of patients/clients. Emphasis will be placed on integrating knowledge and techniques learned during the DPT program. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, inpatient/outpatient rehabilitation or pediatric facility. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/in-services, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc.). The student will engage in focused reflection on his/her learning during the DPT Program and will draft a professional leadership plan. 
**Prerequisite:** Successful completion of second-year DPT courses.
DPT 7155 Clinical Education IV — 7 credits
Clinical Education IV occurs during semester two of year three of the DPT Program and it is the final clinical experience of the DPT curriculum. The student is placed in one clinical setting, full-time, for 11 consecutive weeks. The primary purpose of this clinical experience is to provide students an opportunity to achieve and demonstrate entry-level skills in patient/client management, with a wide variety and complexity of patients/clients. Emphasis will be placed on integrating knowledge and techniques learned during the DPT program. The student will deliver direct physical therapy services to patients/clients under the supervision of a physical therapist/s (clinical instructor/s). Students will be placed in an orthopedic outpatient, acute care, general practice (rural hospital), subacute/skilled nursing, inpatient rehabilitation, or pediatric facility. The student will also have the opportunity to participate in learning experiences unique to the clinical site, such as observation of surgery, medical rounds, staff meetings/inservices, diagnostic tests and/or other services (occupational therapy, speech/language pathology, respiratory therapy, prosthetics/orthotics, etc.). In preparation for the final component of DPT 7165 Ethics and Leadership Summit, the student will engage in focused reflection on the community work and learning component of DPT 7165 and other assigned topics. The final component of DPT 7165 occurs immediately following DPT 7155 Clinical Education IV. The student will use the clinical education learning journal as a vehicle for this reflection.

**Prerequisites:** Successful completion of all prior DPT Program coursework. Successful completion of a healthcare professional level course in Cardiopulmonary Resuscitation. Provide proof of immunizations as outlined in the DPT Clinical Education Handbook. Completion of state of Minnesota Background Study. Compliance with background study requirements for state in which student is assigned, if other than Minnesota. Compliance with any additional requirements of assigned clinical site, which may include drug testing or a national background check. Basic knowledge of HIPAA regulations. The student must carry health insurance (student is responsible for cost). Completion of Clinical Education Student Contract. Successful completion of the PT CPI Web training module (APTA website, Learning Center). Completed contact with assigned site prior to clinical experience. Completed requirements as stipulated by the assigned site prior to clinical experience. Read the site’s Clinical Site Information Form (CSIF).

DPT 7160 Ethics and Leadership Summit — 1 credit
This course has two components: 1) a community work and learning (service learning) experience and 2) an integrative seminar experience in which the students will synthesize their prior coursework in physical therapy practice, health care ethics, clinical education, and community work and learning (service learning) experiences. Students receive didactic preparation for the experiential community work and learning (service learning) component the week prior to the immersion experiences. Using an active learning approach to ethical and servant-leadership issues, the seminar component will develop depth in applying theory and decision-making procedures to clinical, ethical, and social issues. Through small group work, discussion, and an "ethics around the lunch table" experience, the students will be challenged to demonstrate leadership in developing strategies for implementing ethical decisions within institutions, private practice, in professional organizations, and in the formation of public policy. The student will engage in focused reflection on his/her learning during the DPT Program and will draft a professional leadership plan. Issues related to transitioning from the student to the professional role will be explored through discussion with peers and DPT faculty.

DPT 7165 Ethics and Leadership Summit — 3 credits
This course has two components: 1) a community work and learning (service learning) experience and 2) an integrative seminar experience in which the students will synthesize their prior coursework in physical therapy practice, health care ethics, clinical education, and community work and learning (service learning) experiences. Students receive didactic preparation for the experiential community work and learning (service learning) component the week prior to the immersion experiences. Using an active learning approach to ethical and servant-leadership issues, the seminar component will develop depth in applying theory and decision-making procedures to clinical, ethical, and social issues. Through small group work, discussion, and an "ethics around the lunch table" experience, the students will be challenged to demonstrate leadership in developing strategies for implementing ethical decisions within institutions, private practice, in professional organizations, and in the formation of public policy. The student will engage in focused reflection on his/her learning during the DPT Program and will draft a professional leadership plan. Issues related to transitioning from the student to the professional role will be explored through discussion with peers and DPT faculty.

**Prerequisites:** Successful completion of second-year DPT courses.

DPT 8000 Research Project Credits III — 2 credits
This course will require students to complete a scholarly paper in AMA style, based on the research presentation completed for DPT 7040. This paper will include an abstract, an updated review of the relevant literature, detailed methods, a report of the relevant results/outcomes, discussion of the findings and final conclusions. The quality of the project and written report must be such that it has the potential for submission for publication and/or presentation at a professional conference.

**Prerequisite:** Successful completion of second-year DPT courses.