

Social Change. Prerequisites: ENGL 111, RDNG 113 or APRD 81+. Semester offered: Fall.

**POLS-280 Internship** 1-3 cr.  
The internship will consist of supervised work placement in a government or government-related organization with the student performing duties related to the academic curricula of political science. Students are required to submit a term paper, case study, or an approved academic project related to the work performed. Evaluation will be by the professor with written input from the work supervisor. Semester offered: Fall and Spring.

**POLS-295/299 SPTO: (Special Topics)** 1-3 cr.  
Special or specific topic course to meet the needs of students. Topics and credits are announced in the Schedule of Classes. These courses may be used as electives for associate degree requirements. May be repeated one or more times for additional credit. No more than 6 credits of special topic courses can be used toward a degree.

## PSYCHOLOGY

**PSYC-105 SPIN: (Special Interest)** 1-3 cr.  
Course is designed to address a variety of subjects required to meet the needs of lifelong learning students. Not available for transfer nor applicable as an elective.

**PSYC-120 Introduction to Psychology** 3 cr.  
Introduces students/learners to the science of human behavior and mental processes. The course will survey contemporary research and theory in psychology with the goal of broadening the students' understanding of self and others. Prerequisites: APEN 070+ or APRD 058+. Corequisites: ENGL 095, RDNG 095. Semester offered: Fall, Spring and Summer.[NM Common Course Number PSYC 1113, Area IV; Behavioral/Social Science Core]

**PSYC-115 Interpersonal and Career Development** 3 cr.  
The course is designed to be an introductory study of communication and interpersonal relationships in the service occupations. Emphasis is on developing appreciation, increased awareness and skills in communication and relationship-building in the workplace which promote job satisfaction, quality productivity, and well satisfied customers. Semester offered: Fall. (Offered for special groups only)

**PSYC-210 Statistics for Social and Behavioral Science** 3 cr.  
Presentation of the basic principles of statistics including description and interpretation of data. Provides an acquaintance to basic statistical principles that can be applied to the fields of: Psychology, Sociology, Anthropology, Political Science, and Social Work. The student will also be introduced to SPSS (Statistical Package for the Social Sciences). Prerequisites: APEN 085+, APRD 081+, PSYC 120. Corequisites: ENGL 111, RDNG 113. Semester offered: Fall.

**PSYC-230 Human Development** 3 cr.  
Introduces learners to the study of the physical, mental, emotional, and social aspects of human development from conception through adulthood. Emphasis is placed on research and applications.

Prerequisites: PSYC 120, ENGL 099 or APEN 085+. Corequisites: ENGL 111, RDNG 113. Semester offered: Fall, Spring, and Summer.

**PSYC-231 Educational Psychology** 3 cr.  
Introduces learners to various applications of psychological theory and research in educational settings and the learning processes. Prerequisites: PSYC 120 ENGL 099 or APEN 085+, APRD 081+. Corequisites: ENGL 111, RDNG 113. Semester offer: Spring.

**PSYC-240 Social Psychology** 3 cr.  
Introduces learners to the scientific study of how thoughts, feelings, and behaviors of individuals are influenced by other people. The course presents topics on social interaction: communication, perception of oneself and others, attitudes, and leadership. Prerequisites: PSYC 120, ENGL 099 or APEN 085+, APRD 081+. Corequisites: ENGL 111, RDNG 113. Semester offered: Fall.

**PSYC-245 Brain and Behavior** 3 cr.  
Introduces students to the field of biological psychology or behavioral neuroscience. Students will learn anatomy, physiology, and chemistry of the nervous system and their relationships to behavior. Prerequisites: PSYC 120, ENGL 111, RDNG 113 or APRD 081+. Semester offered: Fall

**PSYC-246 Drugs and Behavior** 3 cr.  
Introduces the student to the effects of drugs on behavior. Brain-behavior interactions and how drugs affect this interaction will be presented. Prerequisite: PSYC 120; APEN 085+; APRD 081+. Corequisites: ENGL 111 and RDNG 113. Semester offered: Spring.

**PSYC-265 Abnormal Psychology** 3 cr.  
An introduction to the study of adjustment failures. Prerequisites: PSYC 120, ENGL 111, RDNG 113 or APRD 081+. Semester offered: Fall and Spring.

**PSYC-270 Human Sexuality** 3 cr.  
Introduces learners to an exploration of the physiological, and sociological factors that influence sexual behavior, sex roles, and sexual identity. Prerequisites: PSYC 120, ENGL 099 or APEN 085+, APRD 081+. Corequisites: ENGL 111, RDNG 113. Semester offered: Spring.

**PSYC-275 Theories of Personality** 3 cr.  
Introduces learners to the major theories in the development of personality. Students will analyze in detail the major theories of personality such as: Psychoanalytic, Behavioral, Social-Learning, Humanistic, and Trait Theory. Prerequisites: PSYC 120, ENGL 111, RDNG 113 or APRD 081+. Semester offered: Spring.

**PSYC-280 Cooperative Education** 1-9 cr.  
Cooperative Education is a planned instructional program designed to enhance the student's learning experience by coordinating actual on-the-job training related to his/her curriculum with classroom work. Individualized learning objectives will be developed that are measurable and observable. The student will be evaluated jointly by the College personnel and employer. Prerequisite: PSYC 120. Semester offered: On Demand.

**PSYC-286 Cognitive Psychology 3 cr.**  
Study of cognitive abilities such as attention, memory, problem solving comprehension, categorization and reasoning. The mental processes are also discussed in terms of encoding, retrieval and storage of information. Prerequisites: PSYC 120, ENGL 111, RDNG 113 or APRD 081+. Semester offered: Spring.

**PSYC-295/299 SPTO: (Special Topics) 1-3 cr.**  
Special or specific topic course to meet the needs of students. Topics and credits are announced in the Schedule of Classes. These courses may be used as electives for associate degree requirements. May be repeated one or more times for additional credit. No more than 6 credits of special topic courses can be used toward a degree.

## PHYSICAL THERAPIST ASSISTANT

**PTAP-110 Introduction to Physical Therapist Assistant 3 cr.**

Introduction to the roles of the Physical Therapist (PT) and the Physical Therapy Assistant (PTA) including the history and ethical aspects. General information related to the American Physical Therapy Association (APTA), HIPPA, and cultural diversity. Verbal and nonverbal communication, introduction to activities of daily living, basic medical terminology and record keeping including notes related to Subjective, Objective, Assessment, and Plan (SOAP) format. Prerequisites: Acceptance into the on-campus or online PTA Program. Semester offered: Spring for both programs.

**PTAP-115 Musculoskeletal Focus for PTA 2 cr.**

This course is open to prospective PTA students, with the instructor's permission. This course will provide an advanced study of the joints and muscles of the human body in preparation for the PTAP 125-Clinical Kinesiology course offered the first technical semester of the program. Prerequisite: BIOL-112 and acceptance into the on-campus or online PTA Program. Semester Offered: Fall for both programs.

**PTAP-125 Clinical Kinesiology 4 (2+6P) cr.**

Advanced anatomy of the musculoskeletal system and movement analysis of the body. Gait analysis in the normal and involved patients. Gross muscle testing, manual muscle testing, goniometry, special tests. Segmental leg and inclinometer measurements. Related medical and SOAP format documentation and confidentiality. Includes lab practical on all of the above. Prerequisite: PTAP-115 and acceptance into the on-campus or online PTA Program. Semester Offered: Spring for both programs.

**PTAP-130 Pathophysiology for A/H Student 3 cr.**

An introduction to the nature of disease and its effect on body systems. This course includes a review of normal functions of the appropriate body systems. Diseases will be studied in relationship to their etiology, pathology, physical signs and symptoms, diagnostic procedures, complications, treatment modalities, and prognosis. Prerequisite: BIOL-112 and acceptance into the on-campus or online PTA Program. Semester Offered: Spring for the on-campus program, and summer for the online program.

**PTAP-140 Therapeutic Exercise 3 (2+3P) cr.**

In-depth study of therapeutic as a treatment process and in a preventive

role. Proper use of exercise equipment, mat activities, flexibility, strengthening, endurance, etc. Basic physiology of aging. Related medical terminology, confidentiality, and SOAP format documentation. Includes lab practical on all of the above. Prerequisite: PTAP-125. Semester Offered: Summer for the on-campus program, and fall for the online program.

**PTAP-150 PTA Procedures I 4(3+3P) cr.**

Basic movement patterns of the body related to lifting and transfers. Vital signs, the study of inflammation and repair; wound stages, isolation categories and terminology. Introduction to patient treatment, preparation and positioning, beginning modalities related to compression, THR/TKR, TT, basic pharmacology, laboratory tests, exercises, pain, universal precautions, CPM machines, heat and cold modalities and US. Related medical terminology and SOAP note format documentation. Includes lab practicals on all topics. Prerequisite: Acceptance into the on-campus or online PTA Program. Semester Offered: Spring for the on-campus program and summer for the online program.

**PTAP-160 PTA Procedures II 3 (2+3P) cr.**

Massage techniques, respiratory therapy and cardiopulmonary education. Basic gait training techniques, use of adaptive equipment in patient care. Wheelchair assessment and common usage. Medical asepsis, universal precautions including isolation techniques, sterile and non-sterile dressing change and bandaging, wound care and heat and cold modalities. Understanding the peripheral vascular system. Physiology, indications, contraindications, patient preparation, related medical terminology, confidentiality issues, and SOAP note format documentation for above. Includes lab practical on all of the above. Prerequisite: PTAP-150. Semester Offered: Summer for the on-campus program, and fall for the online program.

**PTAP-210 Principles of Rehabilitation 5 (3+6P) cr.**

Advanced anatomy and physiology of the nervous system, neurodevelopmental practical skills and treatment of the neurologically involved patient. Orthotics and prosthetics, dermatomes, pain, cranial nerve and sensation assessments, SOAP notes in the medical/educational setting, medical terminology and cultural differences. Assessment and treatment of the following areas: CVA, TBI, SCI, amputees and UMN and LMN lesions. Related medical terminology, confidentiality and SOAP format documentation. Includes lab practical on all of the above. Prerequisite: PTAP-140. Semester Offered: Fall for the on-campus program, and spring for the online program.

**PTAP-240 Clinical Externship 2 cr.**

A 12-week, eight hours per week on-site clinical experience in a local setting. Initial clinical competency skill attainment, via use of the PTA MACS Assessment of Clinical Skills is available from courses offered in previous semesters as per check off list. Prerequisites: PTAP-140. Semester Offered: Fall for the on-campus program, and summer for the online program.

**PTAP-250 PTA Procedures III 4 (2+6P) cr.**

Emphasis on electrical modalities including IFC, Premodulated, TENS, Combo, NMES, FES, Russian, Biphasic, Iontophoresis, Biofeedback and HVES. Emphasis on mechanical traction, both cervical and lumbar, home units and clinical use, and hydrotherapy including tanks