

POLS-265 Public Policy & Social Change 3 cr.
This course will provide an overview of the structures and processes of public policy. This course will examine how social change is brought about through the actions of various agents including interest groups, advocacy coalitions, and executive, legislative and judicial policy processes. Also listed as HMSV 265 Public Policy and Social Change. Prerequisites: Completion of ENGL-111 and RDNG-113 or appropriate English and Reading Accuplacer scores. Offered: Fall.

PSYCHOLOGY

PSYC-115 Interpersonal & Career Dev 3 cr.
An introductory study of communication and interpersonal relationships in the service occupations. Offered: Fall.

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. [NM Common Course Number PSYC 1113, Area IV; Behavioral/Social Science Core] Prerequisites: Completion of ENGL-095 and RDNG-095 or appropriate English and Reading Accuplacer scores. Offered: All.

PSYC-210 Stats for Social & 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 in the Social Sciences. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. 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. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: All.

PSYC-231 Educational Psychology 3 cr.
Introduces learners to various applications of psychological theory and research in educational settings and the learning processes. Prerequisites: Take PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Corequisites: ENGL-111, RDNG-113. Offered: On Demand.

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. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Fall.

PSYC-245 Brain & 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. Complete RDNG-113 and

ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Fall.

PSYC-246 Drugs and Behavior 3 cr. TO 3 cr.
Introduces the student to the effects of drugs on behavior. Brain-behavior interactions and how drugs affect this interaction will be presented. This course is co-listed with HMSV-246. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Spring.

PSYC-265 Abnormal Psychology 3 cr.
An introduction to the study of adjustment failures. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Fall & Spring.

PSYC-270 Human Sexuality 3 cr.
Introduces learners to an exploration of the physiological, psychological, and sociological factors that influence sexual behavior, sex roles, and sexual identity. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Spring.

PSYC-275 Theories of Personality 3 cr.
Introduces learners to the major theories in the development of personality. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: Spring.

PSYC-286 Cognitive Psychology 3 cr.
Study of cognitive abilities such as attention, memory, problem solving comprehension, categorization and reasoning. Prerequisites: PSYC-120. Complete RDNG-113 and ENGL-099 or appropriate Reading and English Accuplacer scores. Offered: On Demand.

PHYSICAL THERAPIST ASSISTANT

For specific detailed course descriptions, please refer to the following website: www.sanjuancollege.edu/pta

PTAP-110 Intro to Phys Therapist Asst 3 cr.
Introduction to the role of the PTA, PT, and other health care providers. Prerequisites: Acceptance into the PTA program. Offered: Spring.

PTAP-116 Musculoskeletal Focus for PTA's 3 cr.
Enrollment restricted to prospective PTA students only. Basic anatomy of the musculoskeletal system. The spring course is held over twelve weeks and begins at the end of March and ends in mid-July. Instructor consent required. Prerequisites: BIOL-112. Offered: Fall and Spring. Faculty Permission Required.

PTAP-125 Clinical Kinesiology 4 cr.
Advanced anatomy of the musculoskeletal and nervous systems. Prerequisite: Acceptance into the PTA program. Offered: Spring.

PTAP-130 Pathophysiology for A/H Student 3 cr.
Introduction to the function, anatomical components, and pathologies of each system within the human body. Prerequisite: Acceptance into the PTA Program. Offered: Spring and Summer.

PTAP-140 Therapeutic Exercise 3 cr.

Clinical techniques related to stretching, strengthening, posture, balance, coordination, agility, and aerobic conditioning. Prerequisites: PTAP-110, PTAP-125, PTAP-130, and PTAP-150. Offered: Fall and Summer.

PTAP-150 PTA Procedures I 4 cr.

Clinical procedures related to patient care including hand washing, vitals, pain assessment, body mechanics, ROM, bed mobility, and transfers. Offered: Spring and Summer.

PTAP-160 PTA Procedures II 3 cr.

Clinical procedures related to patient care including modalities, massage, airway clearance techniques, and wound care. Prerequisites: PTAP-110, PTAP-125, PTAP-130, and PTAP-150. Offered: Fall and Summer.

PTAP-210 Principles of Rehabilitation 5 cr.

Treatment strategies for patients with complex diagnoses such as developmental disorders, CVA, TBI, SCI, AKA/BKA, and UMN/LMN lesions. Prerequisites: PTAP-140 and PTAP-160. Offered: Fall & Spring.

PTAP-230 Clinical Externships (Acute) 4 cr.

This full-time four week externship offers direct patient care experience in a hospital setting. Externships may be completed in any geographical area provided a legal contract is established between the physical therapy facility and San Juan College. Prerequisites: PTAP-140 and PTAP-160. Corequisites: PTAP-250. Offered: Fall and Summer.

PTAP-250 PTA Procedures III 4 cr.

Clinical procedures related to patient care including traction, electrotherapy, aquatics and hydrotherapy. Prerequisites: PTAP-140 and PTAP-160. Corequisites: PTAP-240 Offered: Fall and Summer

PTAP-260 Seminar 2 cr.

Study of career related topics including obtaining licensure and developing a career plan. Prerequisites: PTAP-140 and PTAP-160. Offered: Fall & Spring.

PTAP-270 Clinical Externship (Outpatient) 3 cr. TO 7 cr.

This externship is a full-time clinical externship that provides experience in direct patient care in an outpatient/rehab setting. This externship may be completed in any geographical area provided a legal contract is established between the physical therapy facility and San Juan College. Prerequisites: PTAP-210, PTAP-230, PTAP-250, and PTAP-260, minimum grade C. Corequisites: PTAP-230. Offered: Fall & Spring.

PTAP-290 Clinical Externship (Rehab) 7 cr.

Clinical externships provide students with the opportunity to apply clinical skills acquired in the academic setting. This externship offers experience in direct patient care in an outpatient/rehabilitation setting. Externships may be completed in any geographic area provided a legal contract is established between the physical therapy facility and San Juan College. Prerequisites: PTAP-210, PTAP-230, PTAP-250, and PTAP-260. Minimum grade C. Offered: Fall & Spring. Faculty Permission Required.

READING**RDNG-050 Reading Fundamentals 3 cr.**

Build basic reading skills, with emphasis on comprehension, vocabulary. The course is offered for a letter grade. Course not applicable towards any degree or certificate. (RR option course) Offered: All.

RDNG-095 Critical Reading 3 cr.

Develop critical reading skills for academic and life-long learning, using a variety of sources. Course not applicable towards degree. (RR option course). Prerequisites: Complete RDNG-050 or appropriate Reading Accuplacer score. Offered: All.

RDNG-113 Academic Reading and Study Strategies 3 cr.

Develop academic reading and study skills for college, using authentic academic textbook material. Prerequisites: Completion of RDNG-095 or appropriate Reading Accuplacer score. Offered: All.

RDNG-252 Diagnostic Teaching Reading/Elem School 3 cr.

Theoretical and practical aspects of diagnostic teaching of reading. Offered: On Demand.

RDNG-256 Reading in the Content Fields 3 cr.

An in-depth study of reading and study skills. The structures of the different disciplines studied in all grades. Offered: On Demand.

RENEWABLE ENERGY**RENG-150 Modeling with Google SketchUp 3 cr.**

Modeling and representing renewable energy systems in both two and three dimensions will be covered using Google SketchUp Pro. Creating two dimensional drawings will be introduced along with the basics of creating three dimensional models. Creating, analyzing, and presenting three dimensional models of renewable energy systems will be explored in detail. Offered: Fall & Spring. Faculty Permission Required.

RENG-220 PV Theory & System Design 4 cr.

Basic photovoltaic (PV) energy conversion theory is introduced in relation to current silicon semiconductor technology. DC electrical energy production from incident solar radiation is covered along with PV module interconnection to meet load requirements. PV module performance specifications are compared to field performance in a laboratory setting. Inverter theory (for AC electrical energy production) and efficiency are discussed, as well as storage system sizing, charge controller operation and issues of connectivity with the existing utility electrical grid. Prerequisites: RENG-252 and INST-144, minimum grade C. Offered: Spring.

RENG-242 PV Installation and the NEC I 3 cr.

This hands-on course will first cover the National Electric Code (NEC) specifics concerning the photovoltaic(PV) installation - articles 90 to 400. Then, code compliant wiring of basic residential electrical systems will be explored in detail. Students will use materials designed for installation practice both indoors and out. Existing PV installations will be visited and studied. Minimum grade required: C. Corequisites: RENG-242L, INST-144. Offered: Fall. Faculty Permission Required.