

Course Descriptions

SPAN 4900

Capstone Seminar

3:3:0 **On Sufficient Demand**

- Prerequisite(s): Four upper division courses; Department chair approval

Explores and reviews comprehensively the undergraduate Spanish course work, providing instruction and testing in specific areas to verify student competency. Completion of a specific reading list required.

SW—SOCIAL WORK

SW 1010

Introduction to Social Work and Social Welfare

3:3:0 **Su, F, Sp**

Introduces social work theory and practice. Examines the relationship between policy and practice in the context of nine major fields of social work. Considers challenges faced by today's practitioners. Explores current career opportunities in the field.

SW 275R

Survey of Current Topics

3:3:0 **On Sufficient Demand**

- Prerequisite(s): (ANTH 1010 or PSY 1010 or SOC 1010 or SW 1010) and ENGL 1010

Presents selected topic in Social Work and will vary each semester. Approaches subjects from a cross-disciplinary perspective. Requires a project demonstrating competency in the specific topic. May be repeated for nine credits toward graduation.

SW 3150 (Cross-listed with: PSY 3150, LEGL 3150)

Survey of Dispute Resolution

3:3:0 **Sp, F**

- Prerequisite(s): (SW 1010 or PSY 1010 or SOC 1010) or LEGL 1000

Offers an introduction to the most commonly practiced dispute resolution processes, including negotiation, mediation, arbitration, and litigation. Studies conflict resolution theory and explores contemporary dispute resolution policy issues. Involves participation in simulations of various dispute resolution processes, including interviewing and counseling, negotiation, mediation and arbitration.

SW 3410 (Cross-listed with: PSY 3410, COMM 3410, LEGL 3410)

Fundamentals of Mediation and Negotiation

3:3:0 **Sp, F**

- Prerequisite(s): (SW 1010 or PSY 1010 or SOC 1010) or COMM 1050 or LEGL 1000

Prepares students to understand and participate knowledgeably on a basic level in the processes of mediation and negotiation. Improves conceptual knowledge of both processes and improves practical skills and effectiveness as a mediator and negotiator. Uses an interactive-workshop format that blends theory with simulated class role-play.

SW 3500

Social Welfare Policies and Services

3:3:0 **F, Sp**

- Prerequisite(s): SW 1010 and (ENGL 2010 or ENGL 2020)

Analyzes current social policy within the context of historical and contemporary factors that shape policy. Examines major social forces and institutions as they relate to and determine social policy emphasizing social welfare services in an industrialized society. Evaluates social welfare frameworks in light of the principles of social and economic justice. Identifies effect of social policy on generalist social work practice.

SW 3550 (Cross-listed with: PSY 3550)

Thanatology--Death and Dying

3:3:0 **On Sufficient Demand**

- Prerequisite(s): (SW 1010 or PSY 1010) and (ENGL 2010 or ENGL 2020)

Introduces students to the subject of thanatology. Reviews theories and research associated with death and dying. Examines death systems, cultural norms, taboos and rituals. Studies the health care system, public policy, laws, and customs. Addresses death from a developmental perspective. Explores life-threatening illness, suicide, and end-of-life issues. Reviews grief and loss themes. Familiarizes students with vocabulary and explores related human service occupations such as bereavement counseling and hospice care.

SW 3750 (Cross-listed with: PSY 3750)

Child Abuse/Neglect and Domestic Violence

3:3:0 **F, Sp**

- Prerequisite(s): SW 1010 and PSY 1100 and PSY 3400

Reviews definitions of child abuse and neglect and other forms of domestic violence using a multidisciplinary perspective. Explores theories explaining the causes of abuse/neglect and domestic violence. Identifies indicators of abuse/neglect and aids students in making assessments and intervening in situations of abuse/neglect and domestic violence. Educates students in mandatory reporting laws and the workings of the child welfare system in efforts to intervene and prevent abuse/neglect. Addresses current policy issues pertinent to child abuse/neglect and domestic violence and identifies effective methods in which students can advocate for social change within the social and child welfare system.

SW 3800 (Cross-listed with: PSY 3800)

Clinical Interviewing Skills

4:3:3 **Sp, F**

- Prerequisite(s): SW 1010 and PSY 3400

Develops knowledge of and skill in clinical interviewing. Familiarizes students with a broad range of clinical interviewing skills. Uses class discussions, video clips of master clinicians, instructor modeling, in-class practice, videotaped role plays, and class and instructor evaluations of role plays.

SW 4030 (Cross-listed with: PSY 4030, SOC 4030)

Introduction to Practice Evaluation and Grant Writing

3:3:0 **F**

- Prerequisite(s): (ENGL 2010 or ENGL 2020) and (PSY 3020 or SOC 3020)

Provides practical guidance for conducting of an evaluation study from its inception, through the planning stage, to research design, data collection, data analysis and the reporting, dissemination and application of conclusions.

SW 4050 (Cross-listed with: PSY 4050)

Clinical Research

3:3:0 **F**

- Prerequisite(s): (ENGL 2010 or ENGL 2020) and (PSY 3010 or SOC 3010) and (PSY 3020 or SOC 3020)

Introduces students to the field of clinical research. Integrates traditional psychological research methods and the area of clinical practice. Uses the scientist-practitioner model to demonstrate common research methodologies and examine clinical outcomes. Applies quantitative and qualitative methods in a clinical setting. Focuses on determining the effectiveness of therapeutic process and outcome using research.

SW 4100 (Cross-listed with: PSY 4100, COMM 4100, LEGL 4100)

Advanced Mediation and Negotiation

3:3:0 **Sp, F**

- Prerequisite(s): PSY 3410 or SW 3410 or COMM 3410 or LEGL 3410

Prepares students to perform at an advanced level in the processes of mediation and negotiation. Builds on the fundamentals learned in the basic course, improves knowledge of both processes, and sharpens practical skills and effectiveness as a mediator or negotiator. Uses an interactive-workshop format that blends theory with simulated class role-play.

SW 4200 (Cross-listed with: PSY 4200, LEGL 4200)

Domestic Mediation

3:3:0 **Sp, F**

- Prerequisite(s): LEGL 3410 or PSY 3410 or SW 3410 or instructor approval

Prepares students to understand and participate knowledgeably and effectively in the process of domestic mediation. Improves conceptual knowledge about and understanding of the domestic mediation process as well as improving practical negotiation and mediation skills. Utilizes a highly interactive workshop format that blends theory with practice in simulated class role plays.

SW 4300 (Cross-listed with: PSY 4300)

Introduction to Counseling and Psychotherapy

3:3:0 **Su, F, Sp**

- Prerequisite(s): (PSY 1010 or SW 1010) and PSY 3400 and (ENGL 2010 or ENGL 2020)

Surveys concepts and practices of major therapeutic systems. Introduces students to the major psychotherapeutic models.

Addresses basic counseling issues including ethics and professionalism. Develops skills in relationship development, interviewing, initial assessment and intake procedures.

SW 4400 (Cross-listed with: PSY 4400)

Introduction to Group Psychotherapy
3:3:0 **Su, F, Sp**

• Prerequisite(s): (PSY 1010 or SW 1010) and PSY 3400 and (ENGL 2010 or ENGL 2020)

Discusses group therapy theory, research applied to client assessment and outcomes, legal and ethical issues. Includes screening, assessment, treatment, evaluation, and termination of group members.

SW 4600 (Cross-listed with: PSY 4600)

The DSM of Mental Disorders
3:3:0 **Sp, F**

• Prerequisite(s): PSY 3400 and (ENGL 2010 or ENGL 2020)

Provides an overview of the Diagnostic and Statistical Manual of mental disorders (DSM) based on clinical diagnosis. Teaches DSM based clinical diagnosis. Teaches DSM diagnoses including diagnostic criteria, prevalence rates, gender and cultural differences in prevalence and symptomatology, disease course, and differential diagnosis. Uses class discussions, videotapes of individuals with different DSM diagnoses, and case scenarios.

SW 4700

Case Management in Social Work Practice
3:3:0 **Sp, F**

• Prerequisite(s): SW 1010 and PSY 3400 and senior in Behavioral Science program

Provides the conceptual foundation for providing case management services and crisis intervention to individuals in various population groups.

SW 475R

Current Topics in Social Work
3:3:0 **On Sufficient Demand**

• Prerequisite(s): SW 1010 and (ENGL 2010 or ENGL 2020)

Presents selected topic in Social Work and will vary each semester. Requires a project demonstrating competency in the specific topic. May be repeated with different topics for nine credits toward graduation.

SW 4800 (Cross-listed with: PSY 4800)

Practicum
3:3:0 **Sp, Su, F**

• Prerequisite(s): Senior standing in the Behavioral Science Department. Must have completed or be enrolled in (PSY 4300 or SW 4300) or (PSY 4400 or SW 4400). Must have instructor's consent.

Provides an integrative classroom experience for students with a clinical interest currently working in related jobs or volunteer experiences in human service agencies or work sites. Requires minimum six hours work per week in an approved setting, and in-class study three hours per week.

SW 490R

Independent Studies
1 to 3:1 to 3:0 **On Sufficient Demand**

• Prerequisite(s): For Behavioral Science Bachelor Degree students only. Must have the approval of the instructor and the department chair.

For qualified students who wish to undertake a well-defined project or directed study related to an area of special interest. Requires individual initiative and responsibility. Includes limited formal instruction and faculty supervision. Projects may include writing a publishable paper, passing a competency exam, producing an annotated bibliography, oral presentation, or other options as approved by the instructor. May be repeated for a maximum of six credits.

**TCT—TELECOMMUNICATIONS
TECHNOLOGY**

TCT 1110

Introduction to Telecommunications Technology
3:3:0 **On Sufficient Demand**

Studies basic communications concepts including information theory, modulation techniques, multiplexing, sampling, and spectral analysis. Teaches the differences between digital and analog transmission. Builds an understanding of the differences between packet switching and circuit switching networks. Reviews the historical development of telecommunications and introduces voice and data communications networks.

TCT 1120

Electronic Systems Test and Measurement
2:2:0 **On Sufficient Demand**

• Corequisite(s): TCT 112L

Introduces the fundamentals of electricity. Studies basic techniques of test and measurement of electrical and electronic systems. Teaches the operation of common test instruments. Studies resistance, heat, power, voltage, current inductance, capacitance, transformers, semiconductors, operational amplifiers, and logic gates. Examines schematic symbols, diagrams, and signal flow diagrams.

TCT 112L

Electronic Systems Test and Measurement Laboratory
2:0:6 **On Sufficient Demand**

• Corequisite(s): TCT 1120

Covers operation of digital multimeter, oscilloscope, logic probe, logic analyzer and spectrum analyzer to perform various measurements in a lab setting. Teaches voltage, current, resistance, inductance, capacitance, and power measurements. Studies diode and transistor junction measurements and basic soldering of electronic components.

TCT 1130

Introduction to Digital Circuits and Systems
4:2:6 **On Sufficient Demand**

Studies the binary number system. Presents boolean algebra to understand the design of digital circuits. Studies basic electronic devices that implement boolean logic including AND, OR, NAND, NOR, XOR gates. Uses Karnaugh maps to reduce complex boolean expressions. Introduces sequential logic and state machines preparatory to the study of stored program computer architecture. Studies the various types of computer memory systems as well as various input/output interfaces.

TCT 1210

Introduction to Digital Communications
3:3:0 **On Sufficient Demand**

• Prerequisite(s): TCT 1110

• Corequisite(s): TCT 121L

Introduces data communications fundamentals. Studies data encoding techniques, clock recovery, clock jitter, noise impairment, bandwidth impairment, cabling, packetization, error detection and recovery. Teaches parallel data links, serial data links, media access protocols, Ethernet physical link, token ring networks and asynchronous transfer mode networks.

TCT 121L

Digital Communications Laboratory
2:0:6 **On Sufficient Demand**

• Corequisite(s): TCT 1210

Presents methods of building, testing, monitoring, and troubleshooting digital data networks. Studies cable construction and testing, test equipment operation, Ethernet data link layer testing and monitoring in a hands-on laboratory environment.

TCT 1220

Telephony Systems Theory
4:4:0 **On Sufficient Demand**

• Prerequisite(s): TCT 1110

• Corequisite(s): TCT 122L

Studies fundamentals of the world wide public switch telephone network. Includes history of the public telephone system, human voice characteristics, twisted pair characteristics, in-band signaling, DTMF signaling, central office switching, trunk circuits, multiplexing and private branch exchange. Covers digital telephony, call switching, echo suppression, modems, T1 trunks, SS7 call control protocol, integrated services digital networks (ISDN), digital subscriber lines (DSL) and voice over packet switched networks.

TCT 122L

Telephony Systems Laboratory
2:0:6 **On Sufficient Demand**

• Corequisite(s): TCT 1220

Studies methods of construction, testing, and monitoring of telephone infrastructure. Includes telephone cabling, termination, tracing, T1 testing and monitoring, PBX operation, T1 switching hardware, and call routing.

SW

TCT