

### CES 590 SELECTED TOPICS IN COMMUNICATIONS AND PHOTONICS (3)

Special topics to augment regularly scheduled graduate courses in communications and photonics will be presented. Prerequisites depend on subject material.

### CES 592 SELECTED TOPICS IN HARDWARE AND SOFTWARE SYSTEMS (3)

Special topics to augment regularly scheduled graduate courses in hardware and software systems will be presented. Prerequisites depend on subject material.

### CES 593 LAB AND TECH REPORT EXPERIENCE (3)

Lecture, 1 hour, laboratory, 6 hours. In this course, students will learn to operate state-of-the art equipment in at least 6 laboratories, perform experiments, and write lab reports. In addition, students will write a technical report on a state-of-the art topic within the scope of the master's program of at least 3000 words excluding figures and tables. (The course cannot be taken to meet 30-unit requirement under thesis or project option unless approved by the Program Director). Prerequisite: permission of student's advisor.

### CES 594 DIRECTED READINGS (1-3)

Independent study under a faculty member: The proposal must be approved by the graduate advisor if it is to apply toward degree requirements. Prerequisite: consent of instructor.

### CES 595 DESIGN PROJECT (1-3)

The project plan, timetable, necessary resources, and the expected outcome must be approved by a faculty project advisor and the program advisor at least one semester before taking the course. Prerequisite: Admission of candidacy for the Master's degree and approval of the faculty advisor.

### CES 596 PROJECT CONTINUATION (1-3)

Designed for students working on their thesis or design project but who have otherwise completed all graduate coursework toward their degree. This course cannot be applied toward the minimum number of units needed for completion of the master's degree. Prerequisites: Consent of faculty thesis/project advisor.

### CES 597 GRADUATE SEMINAR (1)

Series of lectures presented by experts from academia and industries.

### CES 598 COMPREHENSIVE EXAMINATION (1)

In this four-hour examination, the student's overall understanding of important concepts of the core courses and the main subjects of each track will be tested. Prerequisite: Advancement to candidacy for the master's degree and approval of the graduate advisor.

### CES 599 RESEARCH AND THESIS (1-6)

Prerequisites: Admission of candidacy for the master's degree and approval of the thesis advisor.

## Counseling (COUN)

### COUN 496 MIGRANT-EDUCATION ADVISOR PROGRAM (1-4)

School-based counseling experience supervised by Counseling department faculty. Under the guidance of the instructor, undergraduate students advise, counsel, and mentor K-12 students with a migrant background. Prerequisite: participation in the Migrant Education Advisor Program (MEAP) and consent of the instructor.

### COUN 501 THEORY AND PRACTICE: PROFESSIONAL COUNSELOR (4)

This course surveys the roles and responsibilities of professional counselors, including an examination of students' professional identity development. Different approaches to counseling intervention (i.e., psychodynamic, affective/experiential, cognitive-behavioral, narrative approaches, and systemic theories) are compared and contrasted relative to the goals of counseling, the factors involved in helping individuals and families change, and the practitioner's role in the process. Professional identity development is further enhanced through exposure to the history and philosophy of the counseling profession, including professional roles, functions, and relationships with other human service providers. This overview also acquaints counseling students with a) relevant professional organization; b) the various credentialing, certification, licensure, and accreditation standards that may impact practice; c) advocacy processes to benefit clients; and d) ethical and legal standards of the various counseling disciplines.

### COUN 502A ADULT DEVELOPMENT: INDIVIDUAL FAMILY AND CAREER (3)

This course is designed to provide students with an overview of theories for understanding the processes of adult development and how to incorporate this understanding into counseling interventions. Students will discuss clinical cases within the context of adult transitions and life events, including long term care concerns and elder abuse. Gender, sexual orientation, and ethnicity issues will be integrated into both didactic and experiential learning. Changes in career, interpersonal relationships, and family structure and dynamics will be examined over the life span with an emphasis on their interdependence.

### COUN 502B CAREER DEVELOPMENT IN ADULTHOOD (1)

COUN 502B focuses more specifically on career counseling, including theories of career development, knowledge of interviewing, assessment, and print and computer-based career counseling materials. Further considered are how diversity issues influence personal needs, values, aptitudes, abilities, and interests, which in turn, affect career and educational choices.

### COUN 503 SEM: DYNAMICS OF INDIVIDUAL BEHAV (3)

A course designed to cover psychopathology and sociopolitical-related issues of diagnosis and treatment. Attention is given to: (1) understanding the variability of psychopathology in community counseling settings; (2) the application of evaluation methods and diagnostic classification systems of the DSM-IV-TR; (3) development of appropriate treatment plans; and (4) the relationship of class, gender, and ethnic background to diagnosis and treatment.

### COUN 510A SEM: COUNSELING PRE-PRACTICUM (4)

A course that provides students an opportunity to develop necessary basic counseling skills to prepare them for an internship in a wide variety of settings. Training is done through the use of videotape feedback and in-class practice demonstrations involving personal disclosure, role-play, and group and instructor feedback. This course is normally taken in the first semester by new students. Recommend previous or concurrent enrollment in COUN 501. Cr/NC only.

### COUN 510B COUNSELING PRACTICUM (4)

A course that provides students with an opportunity to continue the development of counseling skills necessary for an internship. There are different sections for Community Counseling/MFT and School Counseling/PPS students: Community Counseling/MFT students see clients, and School Counseling/PPS students work in school settings under the instructor's supervision. Cr/NC only. Prerequisite: COUN 510A.

**COUN 511 SEMINAR: K-12 ACADEMIC COUNSELING AND CAREER DEVELOPMENT (4)**

An introductory course in K-12 academic counseling and career development. Course content includes the foundations of learning theory, youth/lifespan career development and academic guidance models, and print/Internet based academic/career counseling materials. The course explores the impact of personal needs, values, aptitudes, abilities, and interests on academic progress and career/vocational choices.

**COUN 512 SEMINAR: THEORY AND PRACTICE OF GROUP COUNSELING (4)**

This didactic and experiential course provides students with an introduction to the concepts and practices of group counseling, supplemented by lectures and readings. The dynamics and procedures involved in working with groups will be examined with students functioning as both group participants as well as group leaders. The course also examines stages of group formation, confidentiality and trust issues, co-counseling in groups, group dynamics and structure, and basic group counseling skills. Practical approaches to group counseling include psycho-educational groups, interpersonal problem-solving groups, and task/work groups, among others. Prerequisite: COUN510A or consent of instructor.

**COUN 513 SEMINAR: RESEARCH AND EVALUATION IN COUNSELING (4)**

A survey of the principles of research design as applied to community and school-related issues and settings, with emphasis on evaluation of human service programs. Students will also develop and complete a written mental health or school guidance grant proposal under faculty supervision. Prerequisite: demonstrated competence in basic statistical analysis and COUN 525.

**COUN 514A SUPERVISED INTERNSHIP/FIELD EXPERIENCE (4)**

This seminar provides a group discussion and supervision format in conjunction with the field internship, which may be in school settings (PPS students) or in community counseling settings (MFT students). The class meetings are designed to supplement the individual supervision received by internship supervisors, and the goal of the seminar is to help students develop a model of professional functioning through the integration of theory, pragmatic strategies, and personal development. Integral to this experience is the exchange of feedback and support among seminar participants. Prerequisites (Community Counseling/MFT): 510A/B, 501, and additional courses. Prerequisites (School Counseling/PPS): 510A/B, 520, (COUN 501 highly recommended). Cr/NC only.

**COUN 514B SUPERVISED INTERNSHIP/FIELD EXPERIENCE (4)**

This seminar provides a group discussion and supervision format in conjunction with the field internship, which may be in school settings (PPS students) or in community counseling settings (MFT students). The class meetings are designed to supplement the individual supervision received by internship supervisors, and the goal of the seminar is to help students develop a model of professional functioning through the integration of theory, pragmatic strategies, and personal development. Integral to this experience is the exchange of feedback and support among seminar participants. Prerequisites (Community Counseling/MFT): 510A/B, 501, and additional courses. Prerequisites (School Counseling/PPS): 510A/B, 520, (COUN 501 highly recommended). Cr/NC only.

**COUN 520 INTRODUCTION TO SCHOOL COUNSELING (4)**

This course provides a conceptual overview and orientation to the practice of school counseling. Emphasis will be placed on school counseling programs as critical components of the education enterprise, the national model of school counseling, and the expanding and changing role of school counselor.

**COUN 521 SEM: PUPIL PERSONNEL SERVICES - CONCEPTS AND ORGANIZATION (4)**

A seminar in organizing, supervising, and administering comprehensive service Pupil Personnel Programs in elementary and secondary schools; legal and financial aspects, as well as laws affecting children and child welfare are covered. Students learn how to create a developmental school counseling program that is an integral part of the entire educational program in the school. Prerequisite: COUN 520.

**COUN 523 WORKING W/FAMILIES IN SCHOOL SETTING (4)**

This course has as its focus a study of family systems and how they impact and interact with all the systems that involve the child. Basic to this is the study of the student's own family of origin and its impact on the student. The primary emphasis in working with families will be the use of Solution-Focused counseling. Each student is required to lead or co-lead a parent education group in a school setting during the last half of the course. Prerequisite: COUN 510A or consent of instructor is required.

**COUN 524 COUNSELING CHILDREN AND ADOLESCENTS (4)**

This course provides an overview of the theories and techniques of child and adolescent counseling. Counseling interventions used in schools and common concerns of school-aged students are emphasized. Method for establishing rapport, goal setting, and case formulation are highlighted. Special emphasis will be placed on developmental stages.

**COUN 525 PSYCHOLOGICAL AND EDUCATIONAL ASSESSMENT (2)**

Investigation of the nature and rationale of psychological measurement, both individual and group, with emphasis on its utility in community and/or school settings. Attention is given to both limitations and justification in the measurement of human characteristics. Class fee required at time of registration.

**COUN 526 GROUP COUNSELING IN THE SCHOOLS (4)**

This didactic and experimental course examines the concepts and practices unique to group counseling in the schools. Psycho-educational strategies in the school settings are emphasized. Particular attention is given to processes and challenges involved in the implementation of these strategies. Also, effectiveness and evaluation issues will be explored. The dynamics and procedures involved in working with small and large groups will be studied with members as participants and as leaders.

**COUN 527A LEGAL ISSUES IN SPECIAL EDUCATION (1)**

This course provides an overview of special education laws. Topics include: the different legal categories of exceptionality, Individualized Educational Program (IEP) procedures, suspension and expulsion of students with disabilities, and Section 504 Accommodation Plans.

**COUN 527B LAW AND ETHICS FOR SCHOOL COUNSELORS (2)**

This course examines the legal and ethical responsibilities of the school counselor. Course topics include educational counseling, child abuse reporting, confidentiality, record keeping and attendance, and truancy laws.

**COUN 528A CONSULTATION (3)**

This course provides a general framework for understanding and practicing consultation, collaborative problem solving, and systems level intervention in educational settings. An exploration of the stages of consultation and the major models of consultation are covered. Students will gain experience in the delivery of consultation services.

**COUN 528B CRISIS INTERVENTION (1)**

This course focuses on prevention, response, and recovery during a crisis, and the counselor's role as part of a crisis intervention team. Crises include school violence, accidents, and the death or suicide of a student or faculty member. Maintaining the safety and security of the school community emphasized.

**COUN 535 SEMINAR: DEVELOPMENT AND CLINICAL ISSUES WITH CHILDREN (4)**

A course offering a developmental psychology perspective on the counseling interventions appropriately undertaken with children and adolescents. Course objectives include (1) providing students with an introduction to basic intervention strategies for counseling children and adolescents; (2) familiarizing students with special topics, e.g., impact of divorce on children, child maltreatment, effects of domestic violence; and (3) consideration of family, peer, school, and community contexts in treatment planning (i.e., integrative case formulation) with children and adolescents.

**COUN 540 SEMINAR: MARRIAGE AND FAMILY COUNSELING (4)**

This course offers a foundation for understanding couple and family relationships by providing an overview of historical and contemporary models of theoretical conceptualization, assessment, and intervention, including ways to work with families reflecting diversity. Attention is devoted to important legal and ethical considerations unique to working with families and couples; also included are assessment tools, crisis intervention (including domestic violence), and treatment planning. Prerequisites: COUN 510A or consent of instructor.

**COUN 545 SEMINAR: LAW AND ETHICS FOR THE COUNSELOR (3)**

A course designed to clarify the legal and ethical responsibilities of the community counselor. Legal standards related to counseling practice will be surveyed, including issues related to dissolution; child care, custody, and abuse; confidentiality; involuntary hospitalization; mandatory reporting requirements; detection, assessment, and treatment of domestic violence; and other issues related to the relationship between law and counseling.

**COUN 570 SEM: CROSS-CULTURAL AWARENESS IN COUN (3)**

This course is designed to provide students with an understanding of how ethnicity, culture, sexual orientation, and gender can affect counseling processes. Students will identify and explore their own unique ethnic and cultural world view and see how it affects their counseling approaches in both community and school counseling settings. Students will also become knowledgeable about various ethnic groups in the United States and how majority culture influences their daily lives and their responses to counseling. The seminar will address cross-cultural aspects of counseling children, youth, and adults.

**COUN 580A RELATIONSHIP COUNSELING (3)**

This course will explore relationship counseling from a variety of theories accompanied by their treatment approaches. An ecological approach to couples' functioning will be advocated with the result that counseling interventions will reflect the pluralistic needs of couples who are often embedded in complex social systems (including the legal system, and the health system, among others). Issues such as domestic violence, developmental challenges, parenting/step-parenting, infertility, and extramarital engagements will be discussed. Cross-cultural perspectives and ethical issues will be integrated into all discussions. Prerequisites: Concurrent enrollment in COUN 580B, 510A or consent of instructor. COUN 540 is recommended.

**COUN 580B SEXUALITY COUNSELING (1)**

This course provides students with knowledge and skills about counseling adults and couples about sexuality issues. Included are the physiological, psychological, and socio-cultural variables associated with sexual identity, sexual behavior, sexual disorders, sexual function and dysfunction, sex roles, gender identity, trauma and abuse, and aging. A biopsychosocial approach will be taken in working with a wide variety of sexual concerns; ethical and legal considerations in working with sexuality issues will be addressed, as will issues of transference and counter-transference in working with these sensitive and intimate issues. Concurrent enrollment in COUN 580A.

**COUN 581 INTRO TO CHEMICAL DEPENDENCY (1)**

A survey course designed to provide a broad conceptual base regarding the major dimensions of dependence upon drugs/alcohol. Emphasis is on practical issues from the standpoint of the family and the community. The course explores historical and current modes of treatment, intervention, and prevention of alcoholism and alcohol-related problems. Students are expected to have a basic understanding of psychopathology and family systems prior to enrollment. This course is designed to provide specific instruction in alcoholism and other chemical substance dependency and is designed to meet the requirements issued by the Board of Behavioral Sciences, State of California.

**COUN 582 PSYCHOPHARMACOLOGY FOR COUNSELORS (2)**

Introduction to principles of psychopharmacology and to the community counselor's role in the effective and ethical use of psychotropic medications with therapy clients (i.e. referral, consultation, monitoring, etc.). Content includes basic psychopharmacological principles, physiological actions, and therapeutic and adverse effects of major psychiatric drugs. Attention is given to the historical and sociopolitical contextual issues surrounding the use of psychotropic medication.

**COUN 595 SPECIAL STUDIES (1-4)**

**COUN 596 SUPERVISED FIELD EXPERIENCE (1-4)**

Counseling experience supervised by Counseling Department faculty. Experience can be gained both at on-campus Community Counseling Clinic or in outreach programs in the community. Cr/NC Only. Prerequisite: consent of instructor; for School Counseling students: permission of School Counseling faculty.