

CS 465 DATA COMMUNICATIONS (3)

Lecture, 2 hours; laboratory, 3 hours. The ISO reference model, theoretical basis for data communications, data transmission theory and practice, telephone systems, protocols, networks, internetworks, with examples. Prerequisite: Grade of C- or better in CS 365, or consent of instructor.

CS 470 ADVANCED SOFTWARE DESIGN PROJECT (3)

Lecture, 3 hours. This course is a project-based course designed to provide a "real world, team oriented" capstone experience for Computer Science majors. Coursework will be organized around large programming projects. The content of the projects may vary depending on the interests of the instructor and may include industry, government, nonprofit organization, or other affiliations. Prerequisites: Grade of C- or better in CS 315, CS 370, and senior-standing in the major; or consent of instructor.

CS 480 ARTIFICIAL INTELLIGENCE (3)

This course is a survey of techniques that simulate human intelligence. Topics may include: pattern recognition, general problem solving, adversarial game-tree search, decision-making, expert systems, neural networks, fuzzy logic, and genetic algorithms. Prerequisite: Grade of C- or better in CS 315 or consent of instructor.

CS 495 SPECIAL STUDIES (1-4)

This course is intended for students who are doing advanced work in an area of computer science (e.g., a senior project). Prerequisites: an upper-division CS course in the area of interest and consent of instructor. May be repeated for credit.

CS 496 SENIOR RESEARCH PROJECT (3)

Students, under the direction of one or more faculty members, undertake a substantial research project that is based on multiple upper-division CS courses. The result of the research is presented by the students in one of the Colloquium (CS 390) meetings. Senior-standing and approved contract are required.

CS 497 INTERNSHIP (1-3)

Student projects conceived and designed in conjunction with an off-campus organization or group. The internship is intended to provide on-the-job experience in an area of computer science in which the student has no prior on-the-job experience. Computer hardware or computer time required for the internship, as well as regular supervision of the intern, must be provided by the off-campus organization. Prerequisite: student must be within 30 units of completion of the CS major. May be taken Cr/NC only. No more than 3 units can be applied to the CS major.

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. Prerequisites: participation in the Migrant Education Advisor Program (MEAP) and consent of the instructor.

COUN 501 COUNSELING THEORIES AND PROFESSIONAL ORIENTATION (4)

An orientation to professional counseling focusing on standards of practice, major counseling theories, and essential concepts in the practice of counseling including attention to concepts of resilience and recovery-based models. Advocacy, systems of care, services, support for the severely mentally ill, and collaborative treatment are addressed in both counseling and case management. Mental health principles, the history and philosophy of counseling, consultation, self-care, cultural competence, roles of professional organizations and governing bodies, and ethical standards of the discipline are presented. This course also includes focus on 1 unit of special topics toward the CA LPCC license.

COUN 502 WHOLE LIFESPAN DEVELOPMENT (4)

This course offers a developmental perspective on counseling interventions appropriately undertaken with children, adolescents, and adults. Objectives include: (1) providing students with an introduction to basic intervention strategies for counseling children and adolescents, taking into account cultural and socio-economic influences; (2) familiarizing students with special topics, e.g., impact of divorce on children, child maltreatment, and effects of domestic violence; (3) consideration of family, peer, school, and community contexts in treatment planning (i.e., integrative case formulation) with children and adolescents; (4) identifying basic intervention strategies that facilitate adaptive change in adults' lives, particularly in the context of significant transitions and life events; (5) addressing long term care and elder abuse; (6) consideration of gender, sexual orientation, and ethnicity issues; and (7) examination of changes in career, interpersonal relationships, family structure and dynamics with an emphasis on their interdependence. This course also incorporates focus on 1 unit of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.

COUN 503 CLINICAL DIAGNOSIS AND TREATMENT PLANNING (4)

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 Diagnostic and Statistical Manual of Mental and Emotional Disorders (DSM); (3) development of appropriate treatment plans; (4) the relationship of class, gender, and ethnic background to diagnosis and treatment; (5) mental health recovery-oriented care; (6) principles of collaborative treatment; and (7) the impact of co-occurring disorders. This course also includes a focus on 1 unit of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.

COUN 510A APPLIED COUNSELING TECHNIQUES AND ASSESSMENT (4)

This course helps students to develop necessary basic multiculturally competent assessment and counseling skills to prepare them for field based training experiences in a wide variety of settings. Students will learn interview and assessment methodologies including intake interviewing, crisis assessment, and suicide assessment. 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. This course also includes focus on 2 units of special topics toward the California LPCC license. Course restricted to Counseling M.A. students only.

COUN 510B APPLIED COUNSELING PRACTICUM AND ADVANCED TECHNIQUES (4)

This course provides students with an opportunity to continue the development of multicultural-competent counseling skills necessary for advanced field training during the 514A/B Supervised Field Experience sequence. There are different sections for CMHC (MFT & LPCC) and School Counseling (PPS) students: CMHC students see clients in a structured fashion on campus and School Counseling students work in school settings under the instructor's supervision. This course also expands on principles of counseling clients in crisis and clients who have experienced trauma. Cr/NC only. Prerequisite: COUN 510A.

COUN 511F CAREER COUNSELING: FOUNDATIONS, MEASUREMENT AND ASSESSMENT, AND ISSUES THROUGHOUT THE LIFESPAN (3)

Counseling 511F focuses on academic and career awareness and support for individuals and families throughout the lifespan, including the following objectives: (1) coverage of learning and career development theory, system support, K-12 academic and career guidance, and career information resources; (2) overview of major theoretical career models and practice guidelines; (3) study of the impact of diversity issues and counselor personal needs/values on ultimate career and educational choices; (4) exploration of interrelationships among and between work, family, and other life roles and factors; (5) development of hands-on career assessment and interviewing skills including skills for group and individual clients; (6) skills with print and computer-based career counseling materials; (7) familiarizing students with available information resources; and (8) coverage of career issues of adult development, including job maintenance, advancement, retirement, job-loss, avocation and leisure, and secondary career status.

COUN 511G ACADEMIC AND CAREER PLANNING AND COUNSELING ISSUES OF K-12 POPULATIONS (1)

COUN 511G is an introductory course in K-12 academic counseling and career development. Course content includes the foundations of learning theory, cradle to career development and academic guidance models, and print/internet based academic/career counseling materials. The course explores the impact of personal needs, values, cultural variables, aptitudes, abilities, and interests on academic progress and career/vocational choices.

COUN 512 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 basic group counseling skills, stages of group formation, confidentiality, trust issues, co-counseling in groups, group dynamics and structure, groupwork with families, and groupwork from a systemic perspective. Cultural factors related to group work are identified didactically and experientially. Practical approaches to group counseling include psycho-educational groups, interpersonal problem-solving groups, and task/work groups, among others. This course also includes focus on 1 unit of special topics toward the CA LPCC license. Prerequisite: course restricted to Counseling M.A. students only.

COUN 513 RESEARCH, EVALUATION, AND ASSESSMENT IN COUNSELING (4)

A survey of the principles of research design, program evaluation, and assessment as applied to counseling in school and community settings, with a focus on using these skills to improve individual and programmatic counseling efficacy. Students will develop an understanding of key issues in assessment, including test development, administration and scoring, test reporting and interpretation, and test evaluation and selection. In addition, students will develop an understanding of research design and how it can be utilized for data-based counseling program planning and evaluation. The course will increase students' awareness of the ethical and cultural dilemmas that are inherent in assessment, research, and evaluation. Prerequisites: Counseling M.A. students only; demonstrated competence in basic statistical analysis.

COUN 514A SCHOOL COUNSELING SUPERVISED FIELD EXPERIENCE I (4)

This seminar provides a group discussion and supervision format in conjunction with advanced field based training, in school settings. The class meetings are designed to supplement the individual and group supervision provided by site 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. Aspects of cultural diversity that influence counseling practice in school settings will be addressed. Integral to this experience is the exchange of feedback and support among seminar participants. This course also addresses techniques for working with clients and situations involving crisis/trauma. Prerequisites: 510A, 510B and 520; 501 is highly recommended. Evaluations are by letter grade. Course restricted to Counseling M.A. students only.

COUN 514B SCHOOL COUNSELING SUPERVISED FIELD EXPERIENCE II (4)

This seminar provides opportunities to build upon and consolidate the field based training skills addressed in COUN 514A. A group discussion and supervision format continues to provide supplemental support relative to counseling field work in school settings. The class meetings are designed to supplement the individual and group supervision received from site 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. Aspects of cultural diversity that influence counseling practice in school settings will be addressed, along with working with clients in crisis, experiencing trauma, and how to respond as part of a crisis team. Students will complete a culminating case study project, with both oral and written components. Prerequisites: 510A, 510B, 514A, 520, and 501 is highly recommended. This is a graded course. Course restricted to Counseling M.A. students only.

COUN 515A CMHC SUPERVISED FIELD EXPERIENCE I (4)

This seminar provides a group discussion and supervision format in conjunction with advanced field based training, which may be in community counseling settings (CMHC students). The class meetings are designed to supplement the individual and group supervision provided by site 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. Aspects of cultural diversity that influence counseling practice in community and school settings will be addressed didactically and experientially. Integral to this experience is the exchange of feedback and support among seminar participants. This course also addresses techniques for working with clients and situations involving crisis/trauma. Students will initiate a culminating case study project, with both oral and written components. Prerequisites: 510A, 510B, and additional coursework in the M.A. program. Course restricted to Counseling M.A. students only.

COUN 515B CMHC SUPERVISED FIELD EXPERIENCE II (4)

This seminar provides opportunities to build upon and consolidate the field based training skills addressed in COUN 515A. A group discussion and supervision format continues to provide supplemental support relative to counseling field work in community counseling settings (CMHC, MFT, and LPCC). The class meetings are designed to supplement the individual and group supervision received from site 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. Aspects of cultural diversity that influence counseling practice in community and school settings will be addressed didactically and experientially. Integral to this experience is the exchange of feedback and support among seminar participants. Significant attention is paid to working with clients and systems in crisis and experiencing trauma. Students will complete a culminating case study project, with both oral and written components. Prerequisites: 510A, 510B, 514A, and additional courses in the M.A. program. This is a graded course. Course restricted to Counseling M.A. students 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 ASCA national model of school counseling, and the expanding and changing role of the school counselor with respect to school climate, student and family issues.

COUN 521 SEMINAR: PUPIL PERSONNEL SERVICES – CONCEPTS AND ORGANIZATION (4)

A seminar in organizing, supervising, and administering comprehensive service-based and data-driven 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 a school. Prerequisite: COUN 520.

COUN 523 WORKING WITH 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 including educational and cultural systems. Basic to this is the study of the pre-service school counselor's own family of origin and its impact on their development as a student. Attention is devoted to important issues impacting families including family structures and lifecycle; domestic violence; poverty; and the roles of families and systems in substance abuse and dependence. Each student is required to take a leadership role in a field based parent involvement activity in a school setting as part of this course. Prerequisite: COUN 510A is required.

COUN 524 COUNSELING CHILDREN AND ADOLESCENTS (4)

This course provides an overview of the theories and techniques of child and adolescent counseling with a focus on youth development in a socio-cultural context. Counseling interventions used in schools and common concerns of school-aged students are emphasized (including substance abuse). Methods for establishing rapport, goal setting, and case formulation are highlighted. Special emphasis will be placed on applying theory to practice in a developmentally appropriate manner.

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; cultural context, 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. Prerequisites: COUN 510A (Pre-practicum) and COUN 520.

COUN 527 LAW AND ETHICS FOR SCHOOL COUNSELORS (4)

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. This course also provides an overview of special education law, including: the different federal categories of disability, Individualized Educational Program (IEP) procedures, suspension and expulsion of students with disabilities, and Section 504 Accommodation Plans.

COUN 528A CONSULTATION (3)

This course provides a general framework for understanding and practicing culturally and contextually sensitive 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 school-based 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 540 COUNSELING DIVERSE COUPLES AND FAMILIES (4)

This course offers theoretical, principle, and methodological foundations for understanding diverse couple and family relationships by providing an overview of historical and contemporary models of conceptualization, assessment, and intervention. Attention is devoted to important legal, ethical, and clinical considerations unique to working with families and couples, including partner abuse assessment, intervention, and dynamics; child abuse reporting; and roles of families and systems in substance abuse and dependence. Throughout, cultural factors such as the role of poverty, sexual identity, blended families/step-parenting, and multi-racial families are addressed. This course also includes focus on 3 units of special topics toward the CA LPCC license.

COUN 545 COUNSELING ORIENTATION, LAW AND ETHICS, AND CASE MANAGEMENT PRACTICES (4)

This course is designed to clarify the legal and ethical responsibilities of the Clinical Mental Health Counselor (CMHC). 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. Ethical standards, which often overlap with legal standards, will be surveyed. This course also addresses case management practices commonly employed by clinicians. Cultural considerations will be examined as they impact counseling and case management practices. This course satisfies the educational requirements for licensure as a Marriage and Family Therapist and as a Licensed Professional Clinical Counselor in California. It also includes focus on 1 unit of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.

COUN 570 SEMINAR MULTICULTURAL COUNSELING (4)

This course is designed to provide students with an understanding of how different forms of diversity (ethnicity, culture, sexual orientation, socioeconomic status, age, disability, religion, and gender) can affect counseling processes. Students will identify and explore their own unique ethnic and cultural worldview and see how it affects their counseling approaches in both community and school counseling settings. Students will explore theories of multicultural counseling and development. Students will also become knowledgeable about various minority groups in California and in the United States and how majority culture influences the minority individuals' daily lives and their responses to counseling. The seminar will address multicultural aspects of counseling children, youth, and adults including advocacy and use of culturally appropriate counseling modalities. This course includes focus on 4 units of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.

COUN 580 COUPLES AND SEXUALITY COUNSELING (4)

This course provides students with theoretically-based knowledge about and skills in conducting counseling for couples, including addressing sexuality issues. Assessment and counseling interventions covered will reflect the pluralistic needs of couples who are embedded in complex social systems (e.g., legal, health). Issues such as intimate partner violence, infertility, gender roles, and sexual function/dysfunction will be addressed, and cross-cultural considerations will be incorporated throughout all topics. Students will also have opportunities to explore their own world-views as they relate to coupling and sexuality, to increase their effectiveness with a diversity of clients. This course also includes 4 units of special topics and populations toward the California LPCC license.

COUN 581 INTRODUCTION 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 (3)

This didactic course explores basic principles and applications of psychopharmacology in the mental health field. Emphasis is paid to neurotransmitter systems in the nervous system, principles of drug action, and clinical pharmacology (the use of medications to treat behavioral, psychological, and psychiatric conditions such as eating disorders, depressive disorders, hyperactivity, anxiety disorders, psychotic disorders, and dementia). Attention will be paid to the community counselor's role in the effective, multiculturally-competent, and ethical use of psycho-active medications (e.g., referral, consultation, monitoring) when psychopharmacological interventions are part of treatment as well as to the historical and sociopolitical contextual issues surrounding the prescription of psychiatric medication.

COUN 583 SUBSTANCE ABUSE AND DEPENDENCE (2)

A didactic course designed to provide a broad conceptual base regarding major dimensions of alcohol and drug abuse and dependence disorders. The course explores theories of addiction; co-occurring disorders; and medical aspects, effects, and approaches to prevention, assessment, and treatment of alcohol and drug abuse/dependence disorders. The contextual role of the family and larger systems, including the legal system, are addressed. Risk factors, community resources, referral, and prevention information is discussed from developmental and cross-cultural perspectives.

COUN 595 SPECIAL STUDIES (1-4)**COUN 596 CLINICAL CONSULTATION SEMINAR (1-2)**

This seminar will provide a group discussion and supervision format in conjunction with the pre-M.A. Field Experience/Traineeship. This seminar's weekly small group meetings (max of 8 students) are designed to provide campus-based consultation surrounding the Pre-M.A. clinical Traineeship, using case presentation and group discussion. A key aim of the seminar is the development of a model of professional functioning through the integration of theoretical, practice and personal material. Integral to this experience is the exchange of feedback and support among group members. The course is designed to provide an opportunity for continuing evaluation of student growth and counseling efficacy. This component will include evaluation from faculty and site-supervisors, as well as student's ongoing self-assessment. This course is designed to meet California Board of Behavioral Science requirements that allow Pre-M.A. Trainees to earn hours toward MFT licensure.

Criminology and Criminal Justice Studies (CCJS)**CCJS 201 CRIMINAL JUSTICE AND PUBLIC POLICY (4)**

A systematic analysis of the effectiveness and influence of criminal justice policy and practice throughout the criminal justice system. The focus is on the development and implementation of crime control policy. Satisfies GE Area D1 (Individual and Society).

CCJS 330 GOVERNMENT AND THE RULE OF LAW (4)

Nature and development of law and legal institutions from philosophical, historical, comparative, and contemporary perspectives; interrelationships of law, morality, and custom; social control, legal change, and social change; and the legal profession.

CCJS 340 LAW ENFORCEMENT AND DRUG LEGISLATION (4)

An examination of issues and problems posed by the licit and illicit use of drugs for the administration of justice and corrections. It critically examines social theories and social policies in relation to drugs. Topics to be covered include: the origins of the contemporary drug crisis in the United States; the development of criminal justice policies regarding drug use; and the varieties of drugs and the destructive problem created by each for law enforcement, adjudication, and corrections. Some emphasis will be placed on economics, politics, and international relations as a factor in enforcement policies.

CCJS 350 DRUGS AND SOCIETY (4)

Analyzes drug use, misuse, and abuse in society using sociological theories. Explores drug policies and control of drug use, current sociological drug research, and how the media shapes drug perceptions. Highlights various legal and illegal drugs and their societal consequences. Cross-listed as SOCI 340.

CCJS 365 MANAGEMENT IN PUBLIC AGENCIES (4)

Central concerns are the formation and administration of the managerial policies of public agencies. Focus on such vital issues as the allocation of public resources; public accountability; and the description, analysis, solutions, and synthesis of contemporary managerial problems in criminal justice agencies. Cross-listed as POLS 430.

CCJS 370 SEMINAR IN RESEARCH METHODS (4)

A consideration of the methods used by criminal justice researchers in a variety of basic and applied settings. Topics include the choice of a problem, ethical issues, the logic of science, measurement, sampling procedures, surveys, coding, experimentation, observation, and summarizing findings.

CCJS 375 CURRENT ISSUES IN CRIMINOLOGY AND CRIMINAL JUSTICE (4)

An in-depth examination of selected topics and issues in criminal justice. Specific course topic varies by semester. May be repeated for credit.

CCJS 399 LECTURE SERIES (2)

A weekly meeting or meetings offering presentations and discussions by guest lecturers on issues of current interest and importance. May be repeated for a total of 4 units.

CCJS 404 INTRODUCTION TO CONSTITUTIONAL LAW (4)

A survey of selected areas of constitutional law and Supreme Court decision-making, considering the political and social influences as well as doctrinal forces which have produced various policies and interpretations. Cross-listed as POLS 423.

CCJS 405 RIGHTS OF THE ACCUSED (4)

Leading constitutional cases in criminal justice including: search and seizure, death penalty, electronic surveillance, privilege against self-incrimination, jury trial, right to counsel, and double jeopardy, will be studied in detail. Cross-listed with POLS 422