

PHILOSOPHY

PHIL 100 INTRODUCTION TO PHILOSOPHY (CAN PHIL 2)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): None. Description: The aim of this introductory course is to analyze philosophical assumptions, evaluate and discuss the ideas and theories of selected philosophies, think critically, and observe the involvement of philosophical thought in everyday life. Some classical philosophical problems in the areas of ethics, epistemology, metaphysics, and social and political philosophy are compared and contrasted. Transfer: CSU, UC.

PHIL 103 CRITICAL THINKING

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): None. Description: In this course a general overview of reasoning skills is presented. Techniques are introduced to facilitate the recognition of arguments from various types of discourse. Students analyze and distinguish valid from invalid arguments, sound and unsound arguments, the structure of arguments, and informal fallacies. Students are required to practice and develop skills of constructing valid and sound arguments, write three short argumentative essays, and write a substantial paper of critical analysis of an assigned topic. Transfer: CSU, UC.

PHIL 160 HISTORY OF PHILOSOPHY: ANCIENT AND MEDIEVAL (CAN PHIL 8)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is an introduction to the history of Western philosophy from pre-Socratic to Renaissance. Selections from representative philosophers and/or schools--pre-Socratic, Plato, Aristotle, philosophy of the Roman world, and Christian and early rationalist thought--are studied. Analysis of attempts to resolve fundamental metaphysical, epistemological, and ethical questions is also included. Transfer: CSU, UC.

PHIL 175 HISTORY OF PHILOSOPHY: 16TH TO 18TH CENTURY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is a general survey of epistemological, metaphysical, and ethical systems in Western philosophical tradition from around the 16th to 18th Century. Rationalists, Empiricists, Kant, and some early idealists are studied. Transfer: CSU, UC.

PHIL 190 CONTEMPORARY PHILOSOPHY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is a general survey of trends in 19th and 20th Century philosophy and its impact on social, political, economic and religious movements. Idealism, existentialism, Marxism, Christian philosophy, logical positivism, pragmatism, utilitarianism, and linguistic analysis are studied. Transfer: CSU, UC.

PHIL 200 INTRODUCTION TO LOGIC (CAN PHIL 6)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is an introduction to the study of logic which includes informal fallacies, syllogism and symbolic logic. Also included is the critical study of the conditions of clear statements, analysis and evaluation of arguments, and skills for constructing logical arguments. Transfer: CSU, UC.

PHIL 240 INTRODUCTION TO ETHICS (CAN PHIL 4)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: In this course students examine the principles of ethical decision making and ethical responsibility. Classical and contemporary deontological and teleological theories in ethics are carefully examined, and contemporary ethical problems such as abortion, privacy, drug testing, and AIDS are studied in depth. Transfer: CSU, UC.

PHIL 246 ETHICS IN AMERICA

Telecourse: Units (Grade Option) 3; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Examines contemporary ethical conflicts in journalism, government, medicine, law, business, and the criminal justice system. Provides a grounding in the language, concepts, and traditions of ethics. Transfer: CSU.

PHIL 300 INTRODUCTION TO WORLD RELIGIONS

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is an introduction to the study of great religions of the world; their cultural background, tenets, practices, literature and art; and their impact on society and culture. Also covers the development of religious ideas of major religions and their significant influence on the meaningfulness of human existence. Transfer: CSU, UC.

PHIL 310 PHILOSOPHY OF RELIGION

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is an investigation of questions arising from the tradition of religions. Students will compare and contrast the philosophical theories of religious skepticism, nature of God, revelation, miracles, faith, mystical experience, the problems of evil and death and immortality. Transfer: CSU, UC.

PHIL 320 ASIAN PHILOSOPHY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is a general survey of the philosophical developments in China, India, and Japan. Major philosophical theories of these countries are compared and evaluated. The philosophical impact on Asian perspective of purpose and meaningfulness of existence, human destiny, ethical, and metaphysical views is examined. Transfer: CSU, UC.

PHYSICAL EDUCATION

ADAPTIVE/CORRECTIVE

Adaptive Physical Education courses are offered primarily for students with physical limitations. Physician's verification of limiting condition on file is recommended.

ADAP 310 ADAPTIVE P. E. FITNESS PROFILE

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Students' physical fitness levels are assessed to demonstrate measurable progress as a result of participating in an Adaptive P. E. class. Students set realistic, individual goals for improvement of their fitness. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

ADAP 320 ADAPTIVE FUNCTIONAL FITNESS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Exercises to improve the activities of daily living for physically limited individuals with emphasis on proper body mechanics, posture, and movement patterns leading to greater safety and independence. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

ADAP 350 ADAPTIVE GENERAL CONDITIONING

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** This course provides a total fitness program for the adaptive physical education student, emphasizing cardiovascular endurance, flexibility, muscular strength, balance, coordination, posture, and body mechanics. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

ADAP 351 ADAPTIVE STRENGTH TRAINING

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** In this course students use a variety of equipment and resistive techniques to increase overall strength, endurance, and flexibility. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

ADAP 361 BALANCE AND COORDINATION ACTIVITIES

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** A variety of techniques are taught to develop better balance and coordination for more efficient movement throughout daily living activities. Transfer: CSU, UC*.

COMBATIVES

COMB 401 SELF DEFENSE

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** This course is designed for students to gain knowledge about basic self-defense. Areas covered are mental preparation, avoidance of areas conducive to violent action; front and rear grasp releases, and ground tactics are stressed. Both violent and non-violent techniques are covered. Activities deal with all releases, striking, hitting and kicking situations. Emphasis is placed on physical and mental preparedness in dealing with confrontations. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

COMB 410 BEGINNING KARATE

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** This course is designed for students to gain the knowledge and skills found in the sport, philosophy and fighting skills of TAE KWON DO. Basic kicking, blocking and punching techniques and their applications in self-defense, the Olympic sport, and rank promotion aspects are covered. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

DANCE

DANC 125 BEGINNING SALSA

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Beginning techniques of partner salsa dancing for men and women. Proper body placement, lead and follow techniques, and stylization applied to dance patterns. Shine steps are covered. Strong emphasis on dance etiquette and understanding of the rhythms of the music. Transfer: CSU, UC.

DANC 126 INTERMEDIATE SALSA

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): DANC 125, or demonstrated skill. **Description:** Continuation of DANC 125. A thorough review of Beginning Salsa is provided. Then more complex turns and patterns are demonstrated and practiced. There is greater emphasis on the development of dance stylization and timing and emphasis on proper partner dance etiquette and safety. Transfer: CSU, UC.

DANC 127 ADVANCED SALSA

Units (Grade Option) 0.5; Class Hours: Minimum of 24 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): DANC 126, or demonstrated skill. **Description:** This course is designed for the more advanced student who has already demonstrated advanced ability in lead/follow technique, dance pattern complexity and proper timing. Longer and more difficult dance combinations are covered without introduction or emphasis of the basics. May be repeated once for credit. Transfer: CSU, UC.

DANC 140 BALLET

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Beginning techniques of classical ballet are studied and executed. Movement skills, body alignment and placement, rhythmic structures, qualities of movement, and the classical terminology are presented. May be repeated for credit up to 3 times. Transfer: CSU, UC.

DANC 205 BEGINNING JAZZ

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Elementary jazz techniques, foot and leg development, basic turns, isolation of body parts and understanding of the rhythms of jazz music are covered in this course. Short combinations are learned using basic jazz techniques. Emphasis on locomotive movements. May be repeated for credit up to 3 times. Transfer: CSU, UC.

DANC 210 BEGINNING/INTERMEDIATE JAZZ

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): DANC 205 or equivalent. Description: Continuation DANC 205. Emphasis is placed on single and double turns, longer combinations, and more complex techniques. There is opportunity to perform in groups in classroom demonstrations. May be repeated for credit up to 3 times. Transfer: CSU, UC.

DANC 215 INTERMEDIATE JAZZ

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): DANC 210 or equivalent. Description: This course is designed for the more advanced dance student. Techniques and skills include more difficult and longer combinations and sequences. Opportunities to perform and creative endeavors are encouraged. May be repeated for credit up to 3 times. Transfer: CSU, UC.

DANC 220 CONDITIONING FOR DANCE TECHNIQUE

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This course is designed for the athlete, student of dance/drama, and others to help increase overall performance. Exercises to increase strength, endurance, flexibility, muscle tone and poise are used. Concepts of nutrition, prevention and care of injury, yoga, ballet, and body alignment are covered in detail. The history of dance and comparison of various dance styles is discussed. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

DANC 230 BODY MOVEMENT

Units (Grade Option) 0.5; Class Hours: Minimum of 24 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This course is designed for the student with none or very limited dance experience. Development of basic movement skills, use of props, understanding elements of music are included. This course is recommended for singers and actors. May be repeated for credit up to 3 times. Transfer: CSU, UC.

DANC 350 DANCE AEROBICS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Warm up, toning exercises, vigorous dance sequences, cool down and stretching are presented to upbeat pop music. Safely working at one's own pace is emphasized. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

DANC 400 DANCE PRODUCTION

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Successful audition. Description: This course includes techniques and composition of actual dance performance productions. Choreography, music, make-up, costumes, lighting and staging are included. Rehearsal of seven weeks culminates in performance in the Spring musical production. May be repeated for credit up to 3 times. Transfer: CSU, UC.

FITNESS**FITN 121 FITNESS CENTER**

Units (Credit/No Credit) 1-2; Class Hours: Minimum of 48-96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: A self paced course providing strength training through the use of free weights, selected machines, and aerobic conditioning equipment for lifelong health and wellness. The Fitness Center empowers students and athletes to optimize their fitness capabilities, achieving excellence through the promotion of a healthy lifestyle, providing opportunities to improve personal wellness and applying fundamentally sound principles. Includes orientation, goal setting, and assessment. May be repeated for credit up to 3 times for a maximum of 6 units. Transfer: CSU, UC*.

FITN 122 LIFELONG FITNESS

Units (Grade Option) 2; Class Hours: Minimum of 96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: A comprehensive group activity course designed for all ages to improve cardiorespiratory function, upper and lower body muscular strength, muscular endurance, flexibility and body composition with additional emphasis on posture, coordination, agility and balance without use of special equipment. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 123 CARDIO PUMP FITNESS

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: A total fitness class for men and women that is designed to improve cardiovascular endurance, muscular strength, flexibility, balance and coordination, posture and body mechanics. The use of free weights and exercubes is incorporated in class. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 124 PILATES TRAINING

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Students learn to perform controlled, focused exercises based on the work of Joseph Pilates designed to increase strength and awareness of the body's core muscles. This course includes discussion of optimal musculoskeletal functioning for postural stability that will enhance performance in everyday work and play, athletics and dance. Exercise mat required. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 140 EXERCISE APPRECIATION I

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This is a basic conditioning course. Progressive exercise plans are offered that involve strength, endurance, flexibility, coordination, balance and agility. Tests and evaluation are affiliated with the Cañada Fitness Institute. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 151 BEGINNING STEP AEROBICS

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: The seventeen basic step techniques are developed in this beginning step aerobic course with emphasis on strength, endurance and flexibility. Routines include the use of step benches which aid improvement of overall fitness levels. The class activity includes warm-up, vigorous activity and cool-down. Small weights are used to develop upper body and abdominal strength. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 153 SOCCER CONDITIONING

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: A comprehensive group activity course designed to improve the total fitness level of the competitive intercollegiate community college soccer athlete. Course emphasizes cardiovascular fitness, strength, speed, balance and agility with and without the ball. Assessments of the students' fitness levels are made through a series of fitness tests. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 201 BEGINNING WEIGHT CONDITIONING

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Instruction and practice are provided in the elementary lifts and procedures of weight conditioning. Physiological considerations, nutrition, safety procedures, basic program of exercises and design of individualized workout sequences and goals are included. May not be repeated. Transfer: CSU, UC*.

FITN 204 INTERMEDIATE/ADVANCED WEIGHT CONDITIONING

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): FITN 201 or equivalent. Description: Continuation of FITN 201. Progressive skills and weight development in various weight conditioning exercises are emphasized in this course. Opportunities are granted to specialize in different areas of the body and to develop individualized programs. May be repeated for credit up to a maximum of 3 units. Transfer: CSU, UC*.

FITN 210 VARSITY WEIGHT CONDITIONING

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Concurrent enrollment in a team sport or demonstrated skill in athletic competition. Description: Designed for students in varsity or team sport to improve strength, balance, flexibility, and bulk through the use of free weights and weight machines. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 250 PERSONAL TRAINER PREPARATION: ANATOMY AND PHYSIOLOGY

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Comprehensive coverage of functional anatomy, exercise physiology, nutrition and weight management, and cardiovascular pathology and related risk factors. Successful completion of this course will assist the student to prepare for a variety of national certification exams for Exercise Leader including the American College of Sports Medicine (ACSM) and the American Council on Exercise (ACE). Transfer: CSU.

FITN 251 PERSONAL TRAINER: HEALTH APPRAISAL AND EXERCISE PRESCRIPTION

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, ENGL 800 or 836 or 400 and MATH 111; Prerequisite(s): None. Description: Comprehensive coverage of health appraisal screening, health assessment techniques, fitness testing assessment, metabolic calculations, exercise programming and techniques to change health behaviors. Successful completion of this course will assist the student in preparing for a variety of national certification exams for exercise leader including American College of Sports Medicine (ACSM) and American Council on Exercise (ACE). Transfer: CSU.

FITN 306 FITNESS WALKING

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This comprehensive course includes an historical perspective, with emphasis on the physical and mental benefits of walking, its effect on longevity, injury prevention, the cardiovascular system and disease rehabilitation. Additionally, such topics as hiking and backpacking, safety gear and weather are covered. Techniques of striding, race walking and nutrition, as it relates to overall fitness, are introduced. Areas conducive to safe walking, both in the community and in local parks, are used as well as the campus. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 320 AEROBIC FITNESS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Through a slow build up utilizing calisthenics, stretching, and jogging, the student progresses towards a higher level of aerobic fitness. The core activity is jogging and, weather permitting, class is conducted outdoors. The assumption is made that this is a first time experience for the student and all activity starts at the beginners' level. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 332 FLEXIBILITY AND STRETCHING

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: The focus of this course is to help condition and tone the body through low impact fitness techniques and total body stretching, proper breathing techniques, and exercises for flexibility. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 334 YOGA

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Introduction to basic yoga and meditation. Specific poses, "asanas", movement modalities and yogi styles are practiced. Develop strength, relaxation and a sense of well being. Techniques of breathing are incorporated into each pose. The class session ends with a guided meditation. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

FITN 340 AEROBIC CYCLING

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This aerobic cycling course is to acquaint students with use of stationary ergometers to help increase cardiovascular fitness levels and assist in lowering body fat, while increasing lean body mass. May be repeated for credit once. Transfer: CSU, UC*.

INDIVIDUAL SPORTS**INDV 120 BADMINTON**

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Instruction in the basic fundamentals of the game of badminton including techniques of singles and doubles play, rules of the game, and basic strategy. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

INDV 161 BEGINNING GOLF

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Instruction in the techniques, rules, etiquette and philosophy of the game for the beginning golfer. Stance, grip, position, swing and follow-through as associated with selected irons and woods is covered. Most sessions are held on campus, some activity may be scheduled for local courses and driving ranges. May not be repeated. Transfer: CSU, UC*.

INDV 164 INTERMEDIATE/ADVANCED GOLF

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability. Description: Extension of the fundamentals learned in Beginning Golf. Considerable emphasis is placed on the competitive aspects of golf; tournament play is a major part of the course. Sessions are conducted at Cañada College and Emerald Hills golf course. May be repeated for credit up to 2 times. Transfer: CSU, UC*.

INDV 166 EXPERT GOLF TRAINING

Units (Grade Option) 1-2; Class Hours: Minimum of 48-96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated skill. Description: This course is offered for the advanced golfer wishing to prepare for competition either as a member of the Cañada College Varsity Golf Team or other competition. Major emphasis is on actual competition playing on local golf courses. A minimum passing score on a written test of golf rules and etiquette is required before playing on a course. A minimum skill level must be demonstrated to remain in the course. Included are both on and off course drills for skills and strategy. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

INDV 251 BEGINNING TENNIS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: The fundamentals of tennis are covered in this course, including forehand and backhand ground strokes, serve and volley, rules, scoring system, tennis etiquette and basic tactics of singles and doubles play. Some competition is included at the end of the course. The improvement of the individual player is emphasized. May not be repeated. Transfer: CSU, UC*.

INDV 252 BEGINNING/INTERMEDIATE TENNIS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): INDV 251 or equivalent. Description: Designed for students who have completed a semester of beginning tennis or the equivalent. Emphasis is on continued improvement in forehand and backhand ground strokes, serve, volley, lob and smash, and basic tactics of singles and doubles. Drills and match play occur throughout the semester. May not be repeated. Transfer: CSU, UC*.

INDV 254 INTERMEDIATE/ADVANCED TENNIS

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): INDV 252 or equivalent. Description: Designed for the student with prior tennis experience. All strokes and shots are presented, including forehand and backhand ground strokes, serve, volley, lob and overhead. Advanced instruction in singles and doubles play is included. Individual improvement is a major emphasis. May be repeated for credit one time. Transfer: CSU, UC*.

INDV 256 EXPERT TENNIS TRAINING

Units (Grade Option) 2; Class Hours: Minimum of 96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated skill. Description: Designed for men and women of expert tennis ability who wish to develop their tennis skills. Students are instructed in the fundamentals as needed and put through many drills designed to improve their tennis skills. Conditioning and strategy is a major part of this course. May be repeated for credit up to 3 times. Transfer: CSU, UC*.
THEORY

P.E. 115 INTRODUCTION TO ADAPTIVE PHYSICAL EDUCATION

Units (Grade Option) 2; Class Hours: Minimum of 32 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This course is designed to provide a working knowledge of numerous disabilities and current adaptive physical education techniques for students interested in pursuing a career in adaptive physical education, physical therapy, special education, or any other health-related field. Transfer: CSU.

P.E. 116 ASSISTING IN ADAPTIVE PHYSICAL EDUCATION

Units (Grade Option) 0.5-3; Class Hours: Minimum of 24-96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: In this course students will gain practical experience in the techniques of working with disabled persons through assisting in any of the adaptive physical education classes. May be repeated for credit up to 3 units. Transfer: CSU.

P.E. 118 INTRODUCTION TO FUNCTIONAL FITNESS MEASURES

Units (Grade Option) 0.5-3; Class Hours: Minimum of 24-144 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Introduction to the current testing measures used in the field of adaptive physical education and rehabilitation. This course material is relevant for individuals pursuing a career in physical therapy or a related field, as well as for persons working in any capacity with adults with special needs. Students learn and have an opportunity to practice a variety of testing protocols, as well as to evaluate the outcomes of a functional fitness program. Open entry/Open Exit. May be repeated for credit up to 3 times for a maximum of 3 units. Transfer: CSU.

P.E. 305 THEORY OF BASKETBALL

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course presents the techniques, strategies, history, and philosophy of the game of basketball. High school, college, and professional guest speakers participate in the course. Transfer: CSU, UC*.

P.E. 306 THEORY OF COACHING SOCCER

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): TEAM 141 or equivalent. Description: This course is designed for the student who wishes to coach soccer at the youth, adult or collegiate level. Rules of the game, coaching theories for youth and adults, and coaching tactics for basic and advanced situations are discussed. Transfer: CSU, UC*.

P.E. 308 ATHLETIC INJURY CARE INTERNSHIP

Units (Grade Option) 2; Class Hours: Minimum of 96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Under the direct supervision of the college athletic trainer, students gain hands-on experience and instruction in the prevention and management of athletic injuries. Career opportunities and preparation for transfer to athletic training or other allied health professions are emphasized. May be repeated for credit up to 3 times. Transfer: CSU.

TEAM SPORTS**TEAM 105 ADVANCED BASEBALL**

Units (Grade Option) 2; Class Hours: Minimum of 96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated competency. Description: This course is designed for the advanced baseball player with superior skills of play. Fundamentals of baseball related to the advanced player are offered. Evaluation devices are geared to advanced skill in performance. May be repeated for credit once. Transfer: CSU, UC*.

TEAM 111 BEGINNING BASKETBALL

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This course provides the fundamental skills of basketball such as dribbling, passing, and shooting. Elementary team offense and defense situations are offered dealing primarily with two and three men situations. Playing rules of the game are stressed through written and practical examinations. Skill testing is emphasized. A round robin schedule is provided. May not be repeated. Transfer: CSU, UC*.

TEAM 115 ADVANCED BASKETBALL

Units (Grade Option) 1-1.5; Class Hours: Minimum of 48-72 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): TEAM 111 or demonstrated skill. Description: Advanced aspects of team offense and defense. Emphasis is placed on team play through the medium of round robin schedules and tournaments. Evaluation is conducted through written and practical examinations on rules and skills taught. May be repeated for credit up to 2 times. Transfer: CSU, UC*.

TEAM 141 BEGINNING SOCCER

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This course covers instruction in basic fundamentals essential for team play. Skills such as dribbling, trapping, passing, heading, shooting, and throw-ins are combined with conditioning drills preparing one for competition. The rules of the game are taught for a thorough understanding of team play. Tests of basic skills and game laws are conducted. May not be repeated. Transfer: CSU, UC*.

TEAM 143 ADVANCED SOCCER

Units (Grade Option) 1-1.5; Class Hours: Minimum of 48-72 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated skill. Description: Competitive team play is stressed with advanced strategies employed. Tactics are emphasized that require advanced skills and conditioning. Tests are conducted to measure the degree of proficiency. May be repeated for credit up to 2 times. Transfer: CSU, UC*.

TEAM 148 INDOOR SOCCER

Units (Grade Option) 1; Class Hours: Minimum of 48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): TEAM 141 or demonstrated skill. Description: This course focuses on indoor soccer

at an intermediate level of play. It includes individual and group drills, skills development, rules of the game, and team play through round robin competition. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

TEAM 151 BEGINNING SOFTBALL

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: This is a course which offers instruction in the basic fundamentals of softball play. Students participate in both round robin and tournament schedules. Beginning skills are taught and play situations expanded. Slow pitch receives the major emphasis, but fast pitch may be offered. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

TEAM 171 BEGINNING VOLLEYBALL

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Instruction and practice of the fundamentals of the game including serving, passing, setting, spiking, and the basic defensive and offensive strategies. Emphasis is placed on the rules and etiquette of the game. Round robin play is included. May not be repeated for credit. Transfer: CSU, UC*.

TEAM 174 INTERMEDIATE/ADVANCED VOLLEYBALL

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): TEAM 171 or demonstrated skill. Description: Continuation of TEAM 171. Emphasis is placed on refinement of basic fundamentals of the game, team set ups, play, and knowledge of the rules. Round robin team play is involved. May be repeated for credit up to 2 times. Transfer: CSU, UC*.

TEAM 180 COMPETITION VOLLEYBALL I

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): TEAM 174 or equivalent skill level. Corequisite(s): Concurrent enrollment in TEAM 699. Description: Designed for the intermediate to advanced volleyball student with an emphasis on team offensive/defensive strategies. Includes participation in organized round-robin competition preceded by a brief period of appropriate warm-up activities. Transfer: CSU, UC*.

TEAM 181 COMPETITION VOLLEYBALL II

Units (Grade Option) 0.5-1; Class Hours: Minimum of 24-48 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): TEAM 180 or equivalent skill level. Corequisite(s): Concurrent enrollment in TEAM 699. Description: Designed for the expert volleyball student with an emphasis on the 6-2 and 5-1 team offensive/defensive systems and strategies. Includes participation in organized round-robin competition preceded by a brief period of appropriate warm-up activities. May be repeated for credit up to 2 times. Transfer: CSU, UC*.

INTERCOLLEGIATE SPORTS**VARS 104 VARSITY BASEBALL**

Units 3; Class Hours: Minimum of 160 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability. Description: This course consists of intercollegiate competition in the Coast Conference and participation in regional tournaments, Northern California playoffs and the State C.C. Championships when qualified. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

VARS 114 VARSITY BASKETBALL

Units 3; Class Hours: Minimum of 160 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability.
Description: This course consists of intercollegiate competition in the Coast Conference and participation in regional tournaments, Northern California playoffs and the State C.C. Championships when qualified. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

VARS 140 VARSITY GOLF

Units 3; Class Hours: Minimum of 160 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability.
Description: This course consists of intercollegiate competition in the Coast Conference and participation in dual matches, invitationals and the conference championships. Team members also participate in the Northern California and State C.C. Championships when qualified. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

VARS 154 VARSITY SOCCER

Units 3; Class Hours: Minimum of 160 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability.
Description: This course consists of intercollegiate competition in the Coast Conference and participation in regional tournaments, NorCal playoffs and the state conference championships when qualified. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

VARS 170 VARSITY TENNIS

Units 3; Class Hours: Minimum of 160 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Demonstrated ability.
Description: This course consists of intercollegiate competition in the Coast Conference and participation in dual matches, invitationals, league meets, Northern California and State C.C. Championships when qualified. May be repeated for credit up to 3 times. Transfer: CSU, UC*.

PHYSICS**PHYS 210 GENERAL PHYSICS I (CAN PHYS 2)
(CAN PHYS SEQ A = PHYS 210 + 220)**

Units (Grade Option) 4; Class Hours: Minimum of 48 lecture/48 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): MATH 130 or equivalent.
Description: Covers basic concepts of physics, including the nature of physics, mechanics, elasticity and simple harmonic motion, waves and sound, fluids, heat and temperature, and the kinetic theory of gases. The course meets general education requirements and requirements for many majors in the life sciences. Transfer: CSU, UC*.

**PHYS 220 GENERAL PHYSICS II (CAN PHYS 4)
(CAN PHYS SEQ A = PHYS 210 + 220)**

Units (Grade Option) 4; Class Hours: Minimum of 48 lecture/48 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PHYS 210.
Description: Basic concepts of physics including the nature of physics, electricity and magnetism, electromagnetic waves, optics, the special theory of relativity, atomic physics, and quantum mechanics. The course meets requirements for many majors in the life sciences. Transfer: CSU, UC*.

**PHYS 250 PHYSICS WITH CALCULUS I (CAN PHYS 8)
(CAN PHYS SEQ B = PHYS 250 + 260 + 270)**

Units 4; Class Hours: Minimum of 48 lecture/48 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): MATH 251 or equivalent.
Description: This course is the first in a three-semester series designed to provide a thorough foundation in the fundamentals of physics for students majoring in engineering, physics, chemistry and other science related majors. Topics include vectors, kinematics, particle dynamics, energy methods, system of particles, momentum, rotational motion, oscillations, equilibrium, gravitation, and fluid dynamics. Transfer: CSU, UC*.

**PHYS 260 PHYSICS WITH CALCULUS II (CAN PHYS 12)
(CAN PHYS SEQ B = PHYS 250 + 260 + 270)**

Units 4; Class Hours: Minimum of 48 lecture/48 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PHYS 250 or equivalent; and MATH 252 or equivalent.
Description: This course is the second in a three-semester sequence for students majoring in engineering, physics, chemistry and other science related majors. The course covers electrostatics, circuits, magnetostatics, magnetism of currents, AC circuits and both mechanical and electromagnetic waves. Transfer: CSU, UC*.

**PHYS 270 PHYSICS WITH CALCULUS III (CAN PHYS 14)
(CAN PHYS SEQ B = PHYS 250 + 260 + 270)**

Units 4; Class Hours: Minimum of 48 lecture/48 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PHYS 250 or equivalent; and MATH 252 or equivalent.
Description: This course is the third in a three-semester series designed for students majoring in engineering, physics, chemistry, and other science-related majors. Topics include thermodynamics, geometrical optics, physical optics, and modern physics including special relativity and quantum mechanics. Transfer: CSU, UC*.

PHYS 405 APPLIED RADIOGRAPHIC PHYSICS

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): MATH 110 or equivalent and an introductory course in Physical Science such as CHEM 192, 410 or equivalent.
Description: Introduction to the basic ideas about matter, energy, electricity, magnetism and electromagnetic radiation, with emphasis on X-ray phenomena. Applications to the interaction of radiation with matter and X-ray circuits are included. This course is required for students pursuing careers as Radiologic Technologists. Transfer: CSU.

POLITICAL SCIENCE**PLSC 103 CRITICAL THINKING ABOUT WORLD POLITICS**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None.
Description: This introductory course is designed to improve the student's ability to think clearly about world political problems and their social, political, and economic implications. Reasoning skills are applied when evaluating and constructing convincing arguments about current world political controversies. Transfer: CSU, UC.

PLSC 130 INTERNATIONAL RELATIONS

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Introductory survey of world politics. The historical background, recent, and ongoing developments in the international politics of the major countries and regions of the world are explored for their social, political, and economic implications. Also included is the study of nation-state system, military and economic challenges to world peace, and attempts to resolve international conflicts by peaceful means. Transfer: CSU, UC.

PLSC 150 INTRODUCTION TO POLITICAL THEORY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: A comparative study of contemporary political ideologies such as nationalism, fascism, communism, and capitalist/socialist versions of democracy and their social, political, and economic implications. Traditional concepts of political thought such as authority, community, freedom, and obligation as they affect current issues are explored. Transfer: CSU, UC.

PLSC 210 AMERICAN POLITICS (CAN GOVT 2)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Study of the U.S. constitution and the organization and functions of the three branches of the Federal Government. Discussion of the philosophies of the framers of the U.S. Constitution and the political institutions and processes of the U.S. Government within the framework of the Constitution. Students learn about the rights and obligations of citizens in the political system established by the constitution. Contemporary relationships among federal, state and local levels of government are explored also. Transfer: CSU, UC.

PLSC 310 CALIFORNIA STATE AND LOCAL GOVERNMENT

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: California state and local government with special emphasis on the U.S. and California Constitutions as providing the basic framework for our political institutions and processes of Federal, State, and local government. Relationships between Federal, State, and local governments are explored also. Transfer: CSU.

PLSC 415 RACE TO SAVE THE PLANET

Telecourse: Units 3; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Examines one of the most critical political issues of the 1990's, the environment. The course is divided into three areas: the development of environmental problems, the current condition of politics, and the environmental and political solutions. Completion of at least one Social Science class is recommended. Transfer: CSU.

PSYCHOLOGY**PSYC 100 GENERAL PSYCHOLOGY (CAN PSY 2)**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Introductory psychology course designed to examine principles of learning, theories of personality, uses for tests and measurements, behavioral disorders,

mental health theories, developmental aspects of individuals, and social psychology. Students study experimental designs and research data and their social implications. Transfer: CSU, UC.

PSYC 106 PSYCHOLOGY OF ETHNIC MINORITY GROUPS

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Broad overview of the variables which influence the psychological development, adjustment, coping strategies, and mental health of ethnic minority groups in the United States. Economic, educational, political, and legal issues are analyzed for their psychological impact on these groups. Special attention is given to Americans of African, Asian, Hispanic, and Native American descent, although other ethnic minority groups are included also. Psychological research studies and clinical illustrations make up a portion of the course. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU, UC.

PSYC 108 PSYCHOLOGY IN PRACTICE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Application of psychological principles to problems of everyday living, in contrast to the technical-scientific approach of Psychology 100. Intended for students who want a general picture of human psychology. (May not be taken for credit following PSYC 100). Transfer: CSU.

PSYC 110 MARRIAGE AND RELATIONSHIP CHOICES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This is a broad survey of past, present, and future relationships which involve closeness and intimacy. Lifestyles of singlehood, marriage, divorce, and widow/widowerhood are discussed. Other topics include love and romance, sexual values, loneliness, power, jealousy, communication and conflict, choices of relationships, and stepfamilies. Transfer: CSU.

PSYC 112 APPLIED PSYCHOLOGY THROUGH FILM

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course focuses on topics in the field of psychology using the media of film with attention given to the following areas: maladaptive behavior, the special child, interpersonal relationships, adolescent adjustment, learning and personality development, and the adjustment of the elderly. Transfer: CSU.

PSYC 200 DEVELOPMENTAL PSYCHOLOGY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PSYC 100. Description: Overview of psychological development from birth through old age. The physical, cognitive, and social changes throughout the life-span are examined. Particular emphasis is placed on research studies that illustrate principles of developmental psychology. Transfer: CSU, UC*.

PSYC 201 CHILD DEVELOPMENT (CAN FCS 14)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PSYC 100. Description: Overview of the developmental trends affecting human growth from the prenatal period to adolescence. Factors influencing physical, emotional, mental, and social development are also analyzed. PSYC 100 is a required prerequisite for transfer. Transfer: CSU, UC*.

PSYC 202 ADOLESCENT BEHAVIOR

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: The behaviors, values and complexities of the adolescent years. The changes that occur in physical, emotional, mental, and social development during adolescence and their implications are studied. Transfer: CSU, UC.

PSYC 221 THE SPECIAL CHILD

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Issues and changes in the field of special education. Descriptive and diagnostic differences of exceptional persons (deaf, learning disabled, orthopedically handicapped, visually handicapped, emotionally disturbed, deaf/blind, and the gifted) are studied. Transfer: CSU.

PSYC 300 SOCIAL PSYCHOLOGY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): PSYC 100 or SOCI 100. Description: This course is an overview of the interaction among groups. Self-concept, attitude formation and change, interpersonal attraction, aggression, group dynamics and leadership, impression formation, and other related topics are studied also. Transfer: CSU, UC.

PSYC 330 SPORTS PSYCHOLOGY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: An analysis of psychological and sociological concepts relating to participation in sports. The mental factors which help produce optimum performance are examined. Also included are the latest research and practice in applied sports psychology. Transfer: CSU.

PSYC 340 PSYCHOLOGY OF HUMAN SEXUALITY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is a broad overview of the psychological aspects of human sexuality influencing sexual identity and behavior and their implications. Also includes relevant research, sexual malfunction, therapeutic approaches, and personal attitudes and values. Students will write brief papers to apply concepts to their own experiences. Transfer: CSU, UC.

PSYC 391 PARENTING

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: The stages of parenting and their social and cultural implications. Guides for positive parenting structures for parents, single parents, stepparents and working parents are provided. Emphasis is placed on the adjustment to parenthood

and guidelines for meeting the needs of children. Recommended as an elective for Early Childhood Education majors. Transfer: CSU.

PSYC 410 ABNORMAL PSYCHOLOGY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: Elaboration on the study of abnormal behavior and personality introduced in previous courses. Topics include neuroses, psychoses and other psychological problems, along with their etiology, dynamics, principal symptoms, and treatments. The relationship between theory of personality and psychotherapy is explored. Transfer: CSU, UC.

RADIOLOGIC TECHNOLOGY**RADT 400 ORIENTATION TO RADIOLOGIC TECHNOLOGY**

Units 2; Class Hours: Minimum of 32 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): None. Description: This course is an orientation to Radiologic Technology including organization of medical practice, the socioeconomic, political and legal aspects of health care with special emphasis on radiology. Included is an introduction to radiation protection and the provisions of the California Administrative Code, Title XVII Radiation Control Regulations.

RADT 408 PERSPECTIVES IN RADIOLOGY

Units 0.5; Class Hours: Minimum of 24 by arrangement lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Acceptance to the Radiologic Technology Program. Description: This course is designed for the person who has been accepted to the Radiologic Technology Program and the person who has been accepted to the program in the "alternate" status. It consists of guided observation of the working radiology department and requires the student to complete a descriptive paper on the experience.

RADT 410 RADIOGRAPHIC POSITIONING

Units 4; Class Hours: Minimum of 48 lecture/48 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Acceptance in the Radiologic Technology Program. Description: Positioning of the human body for radiographic purposes is covered in this course. Included are all routine examinations, discussion of pathologic conditions encountered on radiographs. Laboratories offer demonstration and student practice on actual radiographic equipment.

RADT 415 RADIATION PROTECTION AND BIOLOGY

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): PHYS 405. Description: Study of the effects and methods of measurement of radiation in the human body. Discussion of historic and current concepts in governmental regulations and protection requirements provides the student with background sufficient to understand the methods for protecting patients as well as medical personnel from unnecessary radiation exposure.

RADT 418 CLINICAL EDUCATION I

Units 4.5; Class Hours: Minimum of 256 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Acceptance in the Radiologic Technology Program and concurrent enrollment in RADT 410. Description: Designed for the first semester Radiologic Technology student. Includes orientation to clerical procedures, film processing/darkroom procedures, patient transportation procedures,

supplies and equipment. Students observe and participate in radiographic positioning and other procedures appropriate to the student's current level of education.

RADT 420 RADIOGRAPHIC POSITIONING II

Units 3.5; Class Hours: Minimum of 48 lecture/24 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): RADT 410 and concurrent enrollment in RADT 428. Description: Positioning the human body for radiographic purposes with emphasis on neuro-radiography, genito-urinary and vascular radiography. Specialized procedures of the skeletal, respiratory and gastro-intestinal systems and patient care are included. Pathological conditions appropriate for radiographers are discussed. Students perform related projects in the affiliated hospital to which they are assigned for Clinical Education (RADT 428).

RADT 428 CLINICAL EDUCATION II

Units 5; Class Hours: 16 lab hours/21 weeks; total 328 hours; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Successful completion of RADT 418 and concurrent enrollment in RADT 420. Description: Designed for the second semester Radiologic Technology student. Students continue to build their skills in radiographic positioning and maintain their skill levels in tasks mastered in RADT 418.

RADT 430 PRINCIPLES OF RADIOGRAPHIC FILM PRODUCTION

Units 3.5; Class Hours: Minimum of 48 lecture/24 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): PHYS 405 with a grade of "C" better. Description: Application of the theoretical physics principles of the production of radiation to the practical job of producing quality radiographs with the least possible exposure dose to the patient. Included is a thorough exploration of the major and minor technical factors and their use and effects, analysis of film quality, and methods for correcting improperly exposed radiographs. Transfer: CSU.

RADT 435 IMAGING EQUIPMENT AND QUALITY CONTROL

Units 1.5; Class Hours: Minimum of 16 lecture /24 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): RADT 430. Description: Introduction to the various types of equipment and tests required to organize and implement a program of quality control in diagnostic imaging. Traditional and innovative imaging equipment requiring quality control programs are discussed.

RADT 438 CLINICAL EDUCATION III

Units 2.5; Class Hours: 16 lab hours/week for 10 weeks; total 160 hours; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): RADT 428. Description: Designed for the third semester Radiologic Technology student. Students continue to build their skills.

RADT 440 ADVANCED IMAGING MODALITIES AND SPECIALIZED PROCEDURES

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): RADT 410, 420, and 430 with grades of C or better or certification as a Radiologic Technologist. Description: Students apply basic technical and positioning knowledge to special procedures and care of the patient undergoing such procedures. Appropriate pathology encountered in special procedures is discussed. Principles of CT and MRI are introduced in this course.

RADT 441 SECTIONAL ANATOMY

Units 1.5; Class Hours: Minimum of 24 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): BIOL 250 or equivalent or certification as a Radiologic Technologist. Description: The human anatomic structures from a sectional perspective utilizing transverse and axial planes for reference are covered in this course. Anatomic landmarks are identified. This course is required for Radiologic Technology students.

RADT 442 RADIOGRAPHIC PATHOLOGY

Units 1.5; Class Hours: Minimum of 24 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): BIOL 250 or 260 or technical experience in Radiography. Description: Disease processes commonly encountered by the Radiographer are presented in this course. Students study Radiographic CT and MRI images of skeletal, neurologic, gastro-intestinal, respiratory, circulatory and reproductive systems. This course is required for Radiologic Technology students.

RADT 448 CLINICAL EDUCATION IV

Units 6.5; Class Hours: 24 lab hours/week for 18 weeks; total 432 hours; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Successful completion of RADT 438. Description: Designed for the fourth semester radiologic technology student. Students continue to build the skills obtained in previous clinical education experiences.

RADT 450 REGISTRY REVIEW

Units 1.5; Class Hours: Minimum of 24 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Successful completion of or concurrent enrollment in an approved Radiologic Technology Program. Description: Designed to prepare the student for board examination through lecture review and preparatory testing. This course is required for the Radiologic Technology student.

RADT 458 CLINICAL EDUCATION V

Units 7.5; Class Hours: 24 lab hours/week for 20 weeks; total 480 hours; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Successful completion of RADT 448. Description: Designed for the fifth semester radiologic technology student. Students continue to build the skills obtained in previous clinical education experiences.

RADT 468 CLINICAL EDUCATION VI

Units 5.5; Class Hours: 40 lab hours/4 weeks, 24 lab hours/8 weeks; total 352 hours; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Satisfactory completion of RADT 458. Description: This final phase of clinical education allows the student to perform radiographic procedures on patients in affiliated hospitals with minimal or indirect assistance in preparation for entry into employment. The final four weeks of training are dedicated to a specialized area of radiography and require full time attendance in the clinical setting.

RADT 470 SPECIALIZED TECHNIQUES: MAMMOGRAPHY

Units (Grade Option) 1.5; Class Hours: Minimum of 24 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Enrollment in the Radiologic Technology program or certification as a Radiologic Technologist. Description: This course covers the curriculum mandated by the California Department of Health Services, Radiologic Health Branch. It satisfies requirements for qualifications and continuing education provisions for persons who perform mammographic x-ray procedures.

RADT 471 SPECIALIZED TECHNIQUES: FLUOROSCOPY

Units (Grade Option) 2; Class Hours: Minimum of 32 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Certification as a radiologic technologist. Description: This course covers the curriculum mandated by the California Department of Health Services, Radiologic Technology Branch. It satisfies requirements for qualifications and continuing education provisions for persons who perform fluoroscopic x-ray procedures.

RADT 474 VENIPUNCTURE FOR CONTRAST MEDIA ADMINISTRATION 2

Units 1; Class Hours: Minimum of 8 lecture/24 lab hours/semester; Recommended: Eligibility for READ 420, ENGL 100, and MATH 110; Prerequisite(s): California full certification as a radiologic technologist or enrollment as a second year student in a two year radiologic technology program. Description: A training course in the techniques of venipuncture used by radiologic technologists for the introduction of contrast media into patient tissues. Also included are lectures on the pharmacology of contrast media.

RADT 475 SPECIALIZED TECHNIQUES: PRINCIPLES OF COMPUTED TOMOGRAPHY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Certification as a radiologic technologist or RADT 415. Description: This course is a comprehensive study of Computed Tomography (CT), including physical principles and clinical applications. Sectional anatomy, patient care, professional ethics, pathology correlation, procedural protocols, and contrast media are included. Transfer: CSU.

READING**READ 420 CRITICAL AND EFFECTIVE READING**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): READ 836 or eligibility for 400-level reading courses as indicated by the reading placement test or other measures. Description: Students are led to increase competence in analytical and critical reading skills with difficult college texts, to increase their reading rate flexibility, to employ college study techniques, and to read for research. Transfer: CSU.

READ 425 SPEED READING

Units (Grade Option) 1.5; Class Hours: Minimum of 24 lecture/16 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): READ 836 or eligibility for 400-level reading courses as indicated by the reading placement test or other measures. Description: Designed to increase reading speed and comprehension of college-level materials. Emphasis on learning rapid reading techniques, gaining flexibility in adjusting reading speed to suit purpose, overcoming regression, recognizing and using basic writing structures and literary elements, and mastering speed study techniques. Transfer: CSU.

READ 801 DEVELOPMENTAL READING

(Replaced by READ 826)

READ 802 ACADEMIC READING STRATEGIES

(Replaced by READ 836)

READ 826 DEVELOPMENTAL READING

(Replaced READ 801)

Units (Credit/No Credit) 0.5-3; Class Hours: Minimum of 80 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: By means of individual and small group work, Developmental Reading concentrates on the teaching of basic reading skills. Word attack, vocabulary, and comprehension improvement are stressed. Students may enroll in the class up to the twelfth week of the semester. May be repeated for credit up to maximum of 3 units. Units do not apply toward AA/AS degree.

READ 836 ACADEMIC READING S2TRATEGIES

(Replaced READ 802)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): READ 826 OR eligibility for READ 836 on approved college Reading Placement Test and other measures as necessary. Description: Learn efficient reading strategies to improve vocabulary, comprehension, reader reaction and study-techniques to prepare for college courses across the disciplines. Reading rate flexibility is introduced as well. The natural reading and writing connection is emphasized in assignments. Units do not apply toward AA/AS degree.

REAL ESTATE**R.E. 100 REAL ESTATE PRINCIPLES**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: The study of real property and laws relating to ownership; contracts; appraisal; taxes; transfer of property, financing real estate brokerage and ethics; landlord/tenant; agency and licensing. (Meets state requirements for salesperson examination.) Transfer: CSU.

R.E. 110 REAL ESTATE PRACTICE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: A comprehensive presentation of real estate brokerage skills with emphasis on the daily activities of salespersons and brokers; including ethics, disclosures, prospecting, listing, advertising, financing, escrows, and property management and leasing. Transfer: CSU.

R.E. 141 REAL ESTATE APPRAISAL

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 802 or 836, and ENGL 800 or 836 or 400; Prerequisite(s): None. Description: This course is an overview of the appraisal of residential real estate, with emphasis on the single-family residence. Also includes the principles that motivate buyers, approaches to the influences on value, appraisal process including the collection and evaluation of data, and writing the appraisal report. Transfer: CSU.

**SECRETARIAL/OFFICE SKILLS/
WORD PROCESSING**

(see Business/Office Technology)