

DEVELOPMENTAL SKILLS

DSKL 810 DEVELOPMENTAL LEARNING SKILLS

Units (Credit/No Credit) 0.5; Class Hours: Minimum of 8 lecture/8 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Individual and small group activities designed to assist students with identified learning disabilities in the following skill areas: basic skills; memory/organization concentration skills; perceptual skills (auditory/visual); language skills (receptive and expressive), conceptual skills as well as self-advocacy. Verifiable learning disability is recommended. Units do not apply toward AA/AS degree.

DSKL 811 SPECIFIC LEARNING SKILLS ASSESSMENT

Units (Credit/No Credit) 0.5; Class Hours: Minimum of 24 by arrangement lab hours per semester; Prerequisite(s): None. Description: An assessment battery is used to determine specific learning styles as well as academic skill levels in reading, writing, math, and spelling. Based upon assessment, the student with the assistance of the instructor, designs and uses individual learning strategies. Units do not apply toward AA/AS degree.

DSKL 813 DEVELOPMENTAL READING AND THINKING

Units (Credit/No Credit) 0.5-2; Class Hours: Minimum of 24 lecture/24 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Small group classroom instruction designed to assist learners with identified learning disabilities in the development/improvement of receptive written language and independent thinking skills. Verifiable learning disability is recommended. Units do not apply toward AA/AS degree.

DSKL 814 DEVELOPMENTAL WRITING

Units (Credit/No Credit) 0.5-2; Class Hours: Minimum of 24 lecture/24 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): Verifiable learning disability. Description: Small group and classroom activities designed to assist students in writing skills. Units do not apply toward AA/AS degree.

DSKL 816 TUTORING

Units (Credit/No Credit) 0.5-2; Class Hours: Minimum of 24-96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. Description: Designed to assist students with identified learning disabilities to achieve success in mainstream classes through instructional techniques which are appropriate to the student's specific needs identified through assessment. Verifiable learning disability is recommended. Units do not apply toward AA/AS degree.

DRAMA

(See Theater Arts)

EARLY CHILDHOOD EDUCATION/CHILD DEVELOPMENT

ECE. 201 CHILD DEVELOPMENT

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Overview of the development in children from birth to adolescence with emphasis on the first ten years. The growth areas to be covered include physical, cognitive, language, emotional, and social. A practical application of theory integrates these developmental concepts in a "whole child" approach. Transfer: CSU: DSI, UC. (IGETC: 4)

ECE. 210 EARLY CHILDHOOD EDUCATION PRINCIPLES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: The historical perspective, nature, and goals of early childhood education are covered in this course. Other topics include qualifications and training needed by teachers who work with children, descriptions of program models, current issues in ECE, future trends, and their social, political, and economic implications. Transfer: CSU.

ECE. 211 EARLY CHILDHOOD EDUCATION CURRICULUM

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Development of goals and objectives to manage learning environments and their social implications for children are covered. Students identify quality learning experiences, select valuable play activities for children, and evaluate appropriate curriculum methods for optimum learning. Transfer: CSU

ECE. 212 CHILD, FAMILY, AND COMMUNITY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Emphasized in this course are contemporary family factors influencing middle childhood, life styles, contemporary factors influencing the community, patterns of child rearing and their social, political, and economic implications. Also covered are resources available to children and families from community agencies. Transfer: CSU: DSI, UC. (IGETC: 4)

ECE. 213 THE SCHOOL AGE CHILD

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: The focus of this course is relevant and responsible program planning for before and after school childcare. Also presented are the developmental needs of the child 6-12 years (middle childhood) and family involvement in childcare and the social and economic implications, and available community resources for childcare. Transfer: CSU.

ECE. 223 INFANT DEVELOPMENT

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** In this course major emphasis is placed on the developmental trends, abilities, and influences of behavior during the first three years of life and their social implications. Also presented is the establishment of environments which respond to infant needs. Transfer: CSU.

ECE. 225 INFANT/TODDLER ENVIRONMENTS

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Covers the design, maintenance and evaluation of quality environments for children during the first three years of life. The course should be of interest to caregivers, teachers, ECE/CD students and parents. Accreditation guidelines established by the National Association for the Education of Young Children for infant/toddler programs are included. Transfer: CSU.

ECE. 230 CREATIVE ACTIVITIES FOR THE YOUNG CHILD

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** This course is designed to provide practical skills in presenting activities to young children. Other topics include the role of creativity and creative expression through art media, music, dramatic activities, science, and games—both indoors and outdoors. Transfer: CSU.

ECE. 240 EARLY CHILDHOOD EDUCATION ADMINISTRATION: BUSINESS/LEGAL

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** This course is an overview of the business aspects of caring for children and its social, political, and economic implications. Also included are the legal requirements for childcare settings, laws relating to childcare, and facets of business and fiscal management. 12 units of ECE recommended prior to taking this course. Transfer: CSU.

ECE. 241 EARLY CHILDHOOD EDUCATION ADMINISTRATION: HUMAN RELATIONS

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** This course focuses on the human relations aspects of early childhood education as a business and the social, political, and economic implications for care providers and parents. Other topics include staffing and supervision, licenses and/or credentials for staff, assessment and evaluation, issues in ECE, and parent involvement. 12 units of ECE recommended prior to taking this course. Transfer: CSU.

ECE. 242 ADULT SUPERVISION IN ECE/CD CLASSROOMS

Units (Grade Option) 2; Class Hours: Minimum of 32 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** A study of the methods and principles of supervising student teachers, assistant teachers, parents, and

volunteers in early childhood education/child development classrooms. Emphasis is on the role of classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents, and other staff. This course is recommended for master teachers, site supervisors, and program directors of Child Development programs. Transfer: CSU.

ECE. 244 PREKINDERGARTEN LEARNING AND DEVELOPMENT GUIDELINES

Units 2; Class Hours: Minimum of 32 lecture/8 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Reviews criteria for the provision of high quality prekindergarten/preschool experiences for young children. Early child development foundation skills and the design of appropriate learning environments are key topics. Issues examined are developmental, political and economic including school readiness/school success and universal preschool. Transfer: CSU.

ECE. 250 VIOLENCE AND ITS IMPACT ON CHILDREN AND THEIR FAMILIES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Exploration of violence in America and its impact on adults and children who experience it. The focus of the course is to give the student a perspective on violence and what may cause it, as well as possible intervention strategies. Community resources for prevention and intervention are incorporated also. Transfer: CSU.

ECE. 252 TEACHING VIOLENCE INTERVENTION STRATEGIES TO CHILDREN AND FAMILIES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Provides an overview of various approaches to violence intervention. The focus of the course is to provide paraprofessionals appropriate curriculum, theory and practice related to working with children and families who have experienced stress and chronic violence. Transfer: CSU.

ECE. 254 ANTI-BIAS CURRICULUM

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Designed to sensitize early childhood teachers and providers to the importance of anti-bias curriculum. Early childhood diversity issues related to culture, race, religion, gender, and special needs are examined in the context of curriculum development. Transfer: CSU.

ECE. 260 CHILDREN WITH SPECIAL NEEDS

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** Overview of the issues related to children with special needs: physical, sensory, communicative, and behavioral disabilities. Additional topics include a historical perspective, current laws and legislation, inclusion practices in ECE/CD settings, and appropriate community resources. Transfer: CSU.

ECE. 262 INTRODUCTION TO FAMILY SUPPORT: BUILDING RESPECTFUL PARTNERSHIPS (Also HMSV 262)

Units 3; Class Hours: Minimum of 48 lecture/8 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Overview of Family Support programs within Early Childhood Education. Included is a historical perspective, Family Support principles, and effective communication guides between families, childcare providers, teachers, and community agencies. This course is one of two (ECE. 264, other course) for a specialization for Master Teacher on the Child Development Permit matrix. Transfer: CSU.

ECE. 264 THE LIFE CYCLE OF THE FAMILY (Also HMSV 264)

Units 3; Class Hours: Minimum of 48 lecture/8 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: The life cycle of the family bridging individual and family development with cultural and social perspectives. The emphasis is on the diversity within contemporary families and the establishment of family support programs. This course is one of two (ECE. 262, other course) for a specialization for Master Teacher on the Child Development Permit Matrix. Transfer: CSU: DSI.

ECE. 313 HEALTH AND SAFETY FOR YOUNG CHILDREN

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Health practices and safety regulations for licensed childcare settings. Major topics include infectious disease prevention, establishing safe environments for young children, emergency and disaster preparedness, and community resources. Transfer: CSU.

ECE. 316 FIRST AID FOR CHILDREN

Units (Grade Option) 0.5; Class Hours: Minimum of 8 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course focuses on the techniques required for First Aid and emergency care practices for young children. First Aid certification is available upon completion.

ECE. 317 PEDIATRIC CPR

Units (Grade Option) 0.5; Class Hours: Minimum of 8 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course focuses on the techniques required for pediatric Cardiopulmonary Resuscitation. CPR certification is available upon completion.

ECE. 331 THE TEACHING EXPERIENCE

Units (Grade Option) 1; Class Hours: Minimum of 16 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Overview of the teaching profession and its implications for educating young children. Other topics include the developmental stages of the teacher, developmentally appropriate practice, professional obligations and affiliations, and career opportunities.

ECE. 333 OBSERVATIONAL SKILLS

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Overview of methods and in-depth practice of observational skills in ECE/CD settings. Students experience the observation of children, teachers, and programs using the following tools: Desired Results and Environmental Rating Scale, CA Dept. of Education, and NAEYC Accreditation Self Study. Transfer: CSU.

ECE. 335 HANDLING BEHAVIOR

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Child guidance and discipline are covered in this course. The primary goal is to give teachers, caregivers, and parents an understanding of the complexity of children's behavior. Theories and trends concerning child guidance are covered to assist adults in developing appropriate strategies related to interacting with children and fostering pro-social behavior.

ECE. 337 CHILD-PARENT RELATIONSHIPS

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Issues related to contemporary parenting including the stages of parenting, the diversity of the parenting experience, communication guides for more effective parenting, and community resources for family support.

ECE. 350 ISSUES IN EARLY CHILDHOOD EDUCATION

Units (Grade Option) 1-12 (No more than 6 units per semester); Class Hours: Minimum of 16 lecture hour/semester per unit; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This modular approach to issues in Early Childhood Education covers diverse content that is of particular relevance to ECE practitioners. Each module is self-contained. Specific modules are offered each semester and are announced in the current schedule of classes. A limit of six of these one-unit modules applies toward the ECE Certificate and AS Degree. Transfer: CSU.

ECE. 351 LANGUAGE ARTS IN EARLY CHILDHOOD

Units 1; Class Hours: Minimum of 16 lecture/3 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: How to develop and present an appropriate language arts program for young children. Current research is combined with the practical application of curriculum principles to foster children's emerging language and literacy skills.

ECE. 353 LITERACY IN EARLY CHILDHOOD

Units 1; Class Hours: Minimum of 16 lecture/3 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course describes the developmental approach to the growth of listening, speaking, reading and writing skills in early childhood. Included are current issues and resources for teachers and parents.

ECE. 355 STORYTELLING IN EARLY CHILDHOOD

Units 1; Class Hours: Minimum of 16 lecture/3 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course provides an appreciation of storytelling especially as it relates to an appropriate literacy program for young children. Included are the history of storytelling, the effective elements for presentations, and creative resources for both parents and teachers.

ECE. 366 PRACTICUM IN EARLY CHILDHOOD EDUCATION (Also HMSV 366)

Units 3; Class Hours: Minimum of 16 lecture/96 lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): 12 units of ECE. Description: A supervised field experience course that focuses on the methods and principles of teaching in early childhood classrooms. Emphasis is on the role of the teacher in a developmentally appropriate setting. This course gives students practical, verifiable experience working with children under the supervision of an experienced teacher. Transfer: CSU.

ECE. 380 FAMILY DAY CARE TRAINING

Units (Grade Option) 1-4; Class Hours: Minimum of 16-64 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: The focus of this course is the operation of a family day care home as a business. Other topics included are planning activities in the home, designing a home environment, and communicating with parents. May be repeated for credit up to 4 units.

ECE. 382 MALE INVOLVEMENT IN EARLY CHILDHOOD

Units 1; Class Hours: Minimum of 16 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Examines the importance of men in the lives of children. It reviews barriers and issues concerning male involvement in early childhood and how to positively encourage men to be involved with children. Transfer: CSU.

ECE. 384 PRINCIPLES AND POLICIES FOR HOME-BASED CHILD CARE

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course focuses on the principles and policies related to child care in home-based settings; it examines child care in the home as a small business. The course is designed for those already caring for children in their homes and for those considering this as an option in the child care profession. Transfer: CSU.

ECE. 386 ACTIVITY PLANNING AND CURRICULUM FOR HOME-BASED CHILD CARE

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course focuses on planning activities and curriculum for home-based child care settings. It is designed for those already caring for children in their homes and for those considering this as an option in the child care profession. Transfer: CSU.

ECONOMICS**ECON 100 PRINCIPLES OF MACRO ECONOMICS (CAN ECON 2)**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: A broad overview of the American economy and its effect on social, political, and cultural environments. The concepts of the price system, the banking system, money and economic activity, policies for stabilization and growth, are presented. The classical, neo classical and Keynesian models of an economy are introduced. This course concludes with an introduction into the aggregate supply and aggregate demand model of an economy. Transfer: CSU: DSI, UC. (IGETC: 4)

ECON 102 PRINCIPLES OF MICRO ECONOMICS (CAN ECON 4)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Overview of the concepts of supply and demand. Pricing and output decisions under competitive, imperfectly competitive, and monopolistic markets are discussed. Profit maximization and cost minimization for the individual firm are analyzed. Allocation of resources, externalities and comparative economic systems are also examined. Transfer: CSU: DSI, UC. (IGETC: 4)

ECON 230 ECONOMIC HISTORY OF THE UNITED STATES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: An introduction to the origin and development of the American economy from 1860 to the present time. Topics studied are industrial growth, land and resource use, role of immigration and various ethnic and cultural groups, the transportation revolution, development of money and banking, trade patterns, organized labor, agriculture, and America in the world economy. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: DUS-1 & DSI, UC. (IGETC: 4)

EDUCATION**EDUC 100 INTRODUCTION TO EDUCATION**

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course integrates psychological, historical, sociological, and philosophical foundations of education including planning of effective teaching strategies and classroom environments, exploration of career opportunities and new directions in education. Transfer: CSU: DSI.

ENGINEERING

ENGR 100 INTRODUCTION TO ENGINEERING

Units 3; Class Hours: Minimum of 32 lecture/32 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 130. Description: Provides students with an understanding of the different fields of the engineering profession. It also introduces the students to the use of computers in the solution of a wide variety of engineering problems, and provides a basic understanding of engineering processes and tools, including experimentation, data analysis, and computer and communication skills. Throughout the course, emphasis is given to technical communications, engineering design and problem solving, and ethical considerations. A spreadsheet program (Microsoft Excel) and a high-level computer language (MATLAB) are an integral part of this course. Transfer: CSU, UC.

ENGR 101 THE ENGINEERING PROFESSION

Units 3; Class Hours: Minimum of 32 lecture/32 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 110 or 112. Description: Provides students with knowledge of the engineering profession and its different fields; a basic understanding of engineering processes and tools, including experimentation, data analysis, and computer and communication skills applied to a wide variety of engineering problems. Throughout the course, emphasis is given to technical communications, engineering design and problem solving, and ethical considerations. A spreadsheet program (Microsoft Excel) and a high-level computer language (MATLAB) are an integral part of the course.

ENGR 210 ENGINEERING GRAPHICS (CAN ENGR 2)

Units 3; Class Hours: Minimum of 32 lecture/64 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 130. Description: An introduction to the engineering design process and graphical solutions of two- and three-dimensional design problems involving points, lines, surfaces, and solids. The course develops visualization skills and standard design drawing practices. The use of CAD (computer-aided design) software is an integral part of the course. Transfer: CSU, UC.

ENGR 215 COMPUTATIONAL METHODS FOR ENGINEERS

Units 3; Class Hours: Minimum of 32 lecture/48 lab hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): Completion of or concurrent enrollment in MATH 251. Description: The course covers the fundamentals of procedural programming and computational methods for science and engineering. Topics include induction, iteration and recursion, approximations, floating-point computations and an introduction to data structures. Students perform laboratory projects that use the MATLAB programming language to solve problems and examples drawn from algebra, trigonometry, calculus and elementary physics. Transfer: CSU, UC.

ENGR 230 STATICS (CAN ENGR 8)

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): PHYS 250. Description: This course covers vector treatment of force systems acting on particles and rigid bodies; two- and three-dimensional problems; equilibrium problems involving trusses, frames, machines, distributed forces, fluid statics, internal forces and friction; centroids and moments of inertia; shear and moment diagrams for beams and virtual work. Transfer: CSU, UC.

ENGR 240 ENGINEERING DYNAMICS

Units 3; Class Hours: Minimum of 48 lecture/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): PHYS 250 and ENGR 230. Description: This course covers fundamentals of kinematics and kinetics of particles and rigid bodies. Topics include kinematics of particle motion; Newton's second law, work-energy and momentum methods; kinematics of planar and three-dimensional motions of rigid bodies; D'Alembert's principle, work-energy and momentum principles for rigid body motion; introduction to mechanical vibrations. Transfer: CSU, UC.

ENGR 260 CIRCUITS AND DEVICES

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 252 and PHYS 260; Corequisite(s): Concurrent enrollment in ENGR 261. Description: An introduction to the theory and techniques of circuit analysis. Circuit laws and nomenclature, resistive circuits with DC sources, controlled sources, ideal operational amplifiers, natural and complete responses of first- and second-order circuits, steady-state sinusoidal analysis, power calculations, amplifiers, and three-phase circuits. MATH 275 is recommended. Transfer: CSU, UC.

ENGR 261 CIRCUITS AND DEVICES LABORATORY

Units 1; Class Hours: Minimum of 48 lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 252 and PHYS 260; Corequisite(s): Concurrent enrollment in ENGR 260. Description: Basic instruments and experimental techniques in electrical engineering. Oscilloscopes, function generators, and multiple-use meters. Measurement of voltage, current, frequency response, and transient response. Semiconductor devices, diodes, rectifiers, transistors, and integrated circuits. Circuit simulations using PSpice. MATH 275 is recommended. Transfer: CSU, UC.

ENGR 270 MATERIALS SCIENCE (CAN ENGR 4)

Units 3; Class Hours: Minimum of 32 lecture/48 lab/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 251 and CHEM 210. Description: Application of basic principles of chemistry and physics to the mechanical, electrical, optical, thermal, magnetic and deteriorative properties of materials. Special emphasis is given to the relationship between microstructure and the properties of metals, polymers, ceramics, and semiconducting materials. (PHYS 250 is recommended prior to taking this course). Transfer: CSU, UC.

ENGR 410 COMPUTER-AIDED GRAPHICS

Units 1.5; Class Hours: Minimum of 16 lecture/32 lab/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 110 or 115. Description: Introduces the engineering student to the basic principles of engineering graphics including computer-aided design and drafting (CADD), pictorial sketching, orthographic projections, dimensioning and tolerances, two- and three-dimensional construction techniques, and solid modeling. Transfer: CSU, UC*.

ENGR 413 DESIGNING WITH CAD

Units 1.5; Class Hours: 16 lecture/32 lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): MATH 110 or 115. Description: Principles of descriptive geometry and computer-aided design (CAD) and their applications to solving engineering problems. The course also serves as an introduction to the engineering design process, and provides students with opportunities to do practical engineering design projects, write technical reports, and prepare oral presentations. Transfer: CSU, UC*.

ENGINEERING TECHNOLOGY**EETEC 400 SYSTEMS AND FACILITY MAINTENANCE ENGINEERING I**

Units (Grade Option) 6.5; Class Hours: Minimum of 104 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: This course is an overview of facility maintenance engineering. Students analyze and apply essential skills needed in the workplace for maintaining and repairing building control systems, managing energy, handling customers, and applying occupational safety and health laws. Transfer: CSU.

EETEC 410 SYSTEMS AND FACILITY MAINTENANCE ENGINEERING II

Units (Grade Option) 6.5; Class Hours: Minimum of 104 lecture/32 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): ETEC 400. Description: Continuation of ETEC 400. This employment-oriented course provides students with knowledge and skills in the areas of boilers, heating systems, and fluid dynamics; refrigeration and air handling systems, electrical systems illumination and applied mathematics; building design and maintenance; and understanding and reading blueprints. Transfer: CSU.

ENGLISH, LITERATURE AND READING

A Cañada College English Placement Test or ESL Placement Test is required for enrollment in most English and English for non-native speakers (ESL) courses. The placement tests may be waived if a student has completed an English course with a grade of "C" or better at another accredited college in the United States and can provide transcripts indicating course completion. (See section on Assessment and Placement.)

ENGLISH**ENGL 100 READING AND COMPOSITION (CAN ENGL 2) (CAN ENGL SEQ A = ENGL 100 + 110)**

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ENGL 836 or 400 OR eligibility for ENGL 100 on approved college English Placement Test and other measures as necessary AND READ 836 with Credit or a grade of "C" or better OR eligibility for 400-level Reading courses on approved college Reading Placement Test and other measures as necessary; Description: An intensive reading and writing course based on the study of primarily non-fiction materials of culturally diverse writers. Course writing emphasizes the expository and the argumentative forms. Emphasis is placed on writing coherent, compelling essays demonstrating critical thinking skills and the basic elements of building a convincing argument. Transfer: CSU: A2, UC. (IGETC: 1A)

ENGL 110 COMPOSITION, LITERATURE AND CRITICAL THINKING (CAN ENGL 4) (CAN ENGL SEQ A = ENGL 100 + 110)

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ENGL 100. Description: In this course students read and analyze works of fiction, poetry, and drama and write critical expository essays which demonstrate skills in analysis and critical thinking. Transfer: CSU: A2, A3, C2, UC. (IGETC: 1B)

ENGL 161 CREATIVE WRITING I

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: The craft of writing fiction. Designed to help beginning writers to find a way to begin and to encourage journeyman writers to continue. Emphasis falls upon writing technique and critical ability. Transfer: CSU: C2, UC.

ENGL 162 CREATIVE WRITING II

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: The craft of writing poetry. Designed to help beginning writers to find a way to begin and to encourage journeyman writers to continue. Emphasis falls upon writing technique and critical ability. Transfer: CSU, UC.

ENGL 164 CREATIVE NON-FICTION

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: The craft of writing the non-fiction genres, such as memoir, travel literature, biography, autobiography, and journal. Discussion and critiques of works by established authors. Workshop of students' own writing. Guidelines for submission for publication. Transfer: CSU: C2.

ENGL 165 ADVANCED COMPOSITION

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ENGL 100. Description: This is an advanced course in non-fiction writing. Students are taught to read and think critically and to write nuanced arguments. Transfer: CSU: A2, A3, UC. (IGETC: 1B)

ENGL 200 INTRODUCTION TO LINGUISTICS: A SURVEY OF LANGUAGE

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. **Description:** The origin and development of spoken and written languages, language acquisition, and the evolution of language are studied in this course. The basics of linguistics including systems of phonetics and phonology, semantics, morphology and syntax are also studied. There is also a strong focus on the grammar and sentence structure of standard written English. Transfer: CSU.

ENGL 400 COMPOSITION FOR NON-NATIVE SPEAKERS

Units 5; Class Hours: Minimum of 80 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 854 or appropriate skill level as indicated by placement test score and other measures as needed. **Description:** In this course, students learn to plan, organize, compose, and revise expository essays based on the analysis of complex pieces of writing, both fiction and nonfiction. In addition, students review and follow the conventions of standard written English including punctuation, mechanics, grammar and sentence structure. Successful completion of BOTH English 400 AND Reading 836 is required for entrance into English 100. You may choose to enroll in English 400 and Reading 836 concurrently. Transfer: CSU: A2, UC.

ENGL 804 READING AND WRITING

Units 1-4; Class Hours: Minimum of 8-32 lecture/24-96 lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** This course is designed to increase reading and writing skills through the reading of non-fiction and short fiction, development of vocabulary, and writing of paragraphs, presented in a variable unit, self-paced instructional mode. Units do not apply toward AA/AS degree. May be repeated for credit up to 4 units.

ENGL 826 BASIC READING/COMPOSITION

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None; Corequisite(s): Concurrent enrollment in READ 826. **Description:** This course improves reading and writing skills through reading non-fiction and short fiction, developing vocabulary, and writing paragraphs. Units do not apply toward AA/AS degree.

ENGL 836 WRITING DEVELOPMENT

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): Successful completion of ENGL 826 and READ 826, or eligibility for READ 836, and ENGL 836 or 400 based on scores on approved Cañada College assessment instruments (placement tests with multiple measures assessment), or *successful completion of coursework at other colleges/universities equivalent to ENGL 826 and READ 826; **Description:** Learn to plan, organize, compose and revise a college-level essay. Write text-based essays, and develop the ability to express ideas logically with detailed support. Review mechanics, grammar, and MLA documentation style. Develop the composition skills necessary to meet standards for entrance to English 100. Successful completion of BOTH English 836 and Reading 836 is required for entrance into English 100.

*Use the Office of Matriculation to approve course work completed at other colleges/universities to meet the prerequisite.

ENGL 875 GRAMMAR REVIEW

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** While primarily intended as a semester-length "brush-up" course, English 875 also serves the remedial needs of students whose English Placement Test indicates a need for stringent review. Grammar, punctuation, vocabulary, and diction are included in the course. Units do not apply toward AA/AS degree.

ENGL 890 CONTENT-BASED PROGRAM: STUDY SKILLS

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** This course, part of the Content-Based Program, focuses on developing study skills and applying them in mainstream content courses. It is designed for native and non-native English-speaking students. Completion of ESL or E.I. 824 with a grade of "C" or better or placement by College ESL Placement Test or a score of 8.0 or better on College Reading Test is recommended. Units do not apply toward AA/AS degree.

LITERATURE**LIT. 101 MODERN LITERATURE**

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for ENGL 110; Prerequisite(s): None. **Description:** Study of selected fiction, poetry, and drama of the 20th Century. Lectures, discussions, related reading, writing of critical papers. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 111 THE SHORT STORY

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 110. **Description:** Designed to help the student understand short stories, perhaps the most popular form of prose fiction today. Careful analysis of short stories as a means of developing in the student a critical method for the evaluation of the short story form. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 142 GREAT PLAYS: CLASSICAL AND RENAISSANCE (Also DRAM 142)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. **Description:** Study of the greatest plays and playwrights from classical Greece through the Elizabethan era in England. Principles underlying dramatic literature in each period are related to dominant social, intellectual, and artistic forces, measuring the student's own beliefs and values against those of characters of other times and places. Play attendance may be required. Transfer: CSU: C1, C2, UC. (IGETC: 3B)

LIT. 143 GREAT PLAYS: MODERN ERA (Also DRAM 143)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. **Description:** Study of the great plays and playwrights from the 17th century to the present. Principles underlying dramatic literature in each period are related to dominant social, intellectual and artistic forces, measuring the student's own beliefs and values against those of characters of other times and places. Play attendance may be required. Transfer: CSU: C1, C2, UC. (IGETC: 3B)

LIT. 151 INTRODUCTION TO SHAKESPEARE I (Also DRAM 151)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: Study of representative plays of Shakespeare. A chronological sequence of plays, from each of the phases of Shakespeare's creativity, is covered. Some discussion of Shakespeare's life and times and some discussion of his poetry are included, although the plays are the main focus of the course. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 152 INTRODUCTION TO SHAKESPEARE II (Also DRAM 152)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: Study of selected plays of Shakespeare. Some discussion of Shakespeare's life and times and some discussion of his poetry is included, although his plays are the main focus of the course. Plays covered are different than those in LIT. 151 and are not selected on a chronological basis. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 191 CHILDREN'S LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Designed to give practical experience in presenting stories and poetry to children from pre-school age through young adult. To acquaint the teacher assistant, teacher, library aide, and librarian with the history of literature for children and the outstanding authors and illustrators of children's books. Development of resource files. Transfer: CSU.

LIT. 192 CHILDREN'S LITERATURE II

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for ENGL 110; Prerequisite(s): LIT. 191. Description: This course addresses the influences of children's literature upon the lives of adults; it enables students to become more fully acquainted with the current writers, the books, the controversies, and the trends in the field, and to develop further skill in the evaluation and selection of children's literature. It emphasizes the scope and impact of children's literature and pursue deeper study of significant books in the field. Transfer: CSU.

LIT. 200 MAJOR FIGURES IN AMERICAN LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: Study of the writings of some of the major figures in American literature. Intensive reading, lectures, discussion, papers. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 205 NEW VOICES IN WORLD LITERATURE

Units 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Students read, discuss, and write about contemporary work from many world cultures. Work includes fiction, poetry, drama, film, and performance arts from Native American, Asian, Pacific Islander, African American, Latino, Middle Eastern and other world cultures. Transfer: CSU.

LIT. 231 SURVEY OF ENGLISH LITERATURE I (CAN ENGL 8)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 110. Description: Study of the typical works of major English writers from Chaucer to the end of the 18th Century. Discussions, lectures, writing of critical essays. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 232 SURVEY OF ENGLISH LITERATURE II (CAN ENGL 10)

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 110. Description: Study of the typical works of major English writers from the Restoration to the Victorian period. Discussions, lectures, writing of critical essays. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 233 SURVEY OF ENGLISH LITERATURE III

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 110. Description: Study of major English writers of the 20th century, including Woolf, Eliot, Yeats, and Huxley. Discussions, lectures, writing of critical essays. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 251 WOMEN IN LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for ENGL 110; Prerequisite(s): None. Description: This course explores women writers' views of women and men in short stories, novels, poetry, drama, and film. The class discusses literature beginning with the ancient Greeks up to contemporary feminist writers, comparing men and women writers on similar themes. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 252 WOMEN WRITERS: MULTICULTURAL PERSPECTIVES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: This course presents an overview of the literary history of women writers, selecting from, in different semesters, African American, Native American, Asian American, and Hispanic groups, and then concentrates in depth on selected writers and works. The focus is both on the written contributions as well as the social and political situations of American ethnic women writers. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 266 BLACK LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for ENGL 110; Prerequisite(s): None. Description: Historical and literary survey of Afro-American literature emphasizing principal authors and their works from the 19th century to the present. Lectures and discussions based on readings of poetry, short stories, novels and drama; written reports. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 301 MASTERPIECES OF CLASSICAL AND EUROPEAN LITERATURE I

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 420 and ENGL 100; Prerequisite(s): None. Description: Selections from the literature of ancient Greece through Renaissance Europe are read, analyzed, discussed and enjoyed. Group work, oral reports, papers. Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 370 READINGS IN LITERATURE OF THE LATINO IN THE UNITED STATES

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: A survey in English of literary contributions of Latino writers in the United States, this course studies the historical, sociopolitical, and cultural concerns of Latinos in the United States as these appear in novels, short stories, and poetry. These works provide a glimpse into the struggle for self-identity and self-determination and into the forces that interact in the course of this struggle and give the reader a glance into the magical world of different perspectives of reality. LIT. 370 requires writing of essays dealing with the materials covered. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 371 MEXICAN-AMERICAN LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Study of literature written in English by Mexican-Americans. Emphasis is placed upon contemporary stories, poems, and essays. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 372 MYTH AND FOLKLORE OF LA RAZA

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Study of the folk literature of Mexican and Mexican-American peoples, with special emphasis on their effect on contemporary values. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 373 LATIN AMERICAN LITERATURE IN TRANSLATION

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: Innovative and influential, Latin American literature vividly portrays life and mores of our neighboring countries to the south. This course samples greater and lesser-known works, revealing the literary trends and characteristics that have earned world recognition. The literature provides the background for an understanding of the cultural experiences and concerns of the Latino in this country. Material in a variety of genres is presented. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 375 NATIVE-AMERICAN LITERATURE

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: A study of the great epics and myths, the lyrical and narrative poetry, the oratory, and the contemporary works in prose and poetry of the American Indian from pre-Conquest times to the present. (Fulfills Associate degree Ethnic Studies requirement.) Transfer: CSU: C2, UC. (IGETC: 3B)

LIT. 441 FILM STUDY AND APPRECIATION I

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Study of significant motion pictures from the early 1900s to the 1940s as an art form with emphasis on structure of film and the technique of film making. Screening of films followed by discussion and/or written analysis relating to appreciation and understanding of film as a communicative medium. Transfer: CSU: C1, C2, UC. (IGETC: 3A)

LIT. 442 FILM STUDY AND APPRECIATION II

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Recommended: Eligibility for READ 836, and ENGL 836 or 400; Prerequisite(s): None. Description: Study of selected representative films (1940s to the present) from all over the world. Emphasis is on the rhetoric of cinema directors' styles, and history of film. Objective: to understand film as an art and as a communicative medium. Transfer: CSU: C1, C2, UC. (IGETC: 3A)

LIT. 445 INTRODUCTION TO FILM STUDIES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ENGL 100. Description: Introduction to Film Studies acquaints students with the major techniques and genres employed by national and international filmmakers. The language of film is studied and applied to a variety of classic narrative films. Transfer: CSU: C2.

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 826 READING IMPROVEMENT

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture/32 lab/16 by arrangement lab hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** By means of individual and small group work, this course concentrates on the teaching of efficient reading strategies and study techniques to improve word analysis, vocabulary, reading comprehension and study skills. Recommendation via College Placement Test. May be repeated once for credit. Units do not apply toward AA/AS degree.

READ 836 ACADEMIC READING STRATEGIES

Units (Grade Option) 3; Class Hours: Minimum of 48 lecture/16 by arrangement lab hours/semester; Prerequisite(s): READ 826 or ESL 864, 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. Successful completion of BOTH READ 836 and ENGL 836 or 400 is required for entrance into ENGL 100.

ENGLISH INSTITUTE - ENGLISH AS A SECOND LANGUAGE

(INGLES COMO SEGUNDO IDIOMA)

The English Institute is an intensive language development program that provides English as a Second Language instruction for students whose native language is not English. Students who wish to enroll in the program should have a knowledge of basic English equivalent to at least one year of previous study in programs such as Adult Basic Education and language schools, or previous language instruction in their native country. The ESL placement test is administered prior to the beginning of each semester in order to assess English ability for correct placement. For more information, students should contact the English Institute Office, Building 13, Room 121, or call 306-3412.

El Instituto de Inglés es un programa intensivo para el desarrollo del idioma que provee instrucción de Inglés como segundo idioma a los estudiantes cuyo idioma no es el Inglés. El estudiante que desee inscribirse en el programa, deberá tener un conocimiento básico del Inglés equivalente a por lo menos un año de estudio previo en un programa de Inglés como: Educación Básica para adultos, instituto de idiomas, o estudios previos en el país de origen. El examen de aptitud del Instituto de Inglés es administrado antes del comienzo de cada semestre. El resultado del examen colocará al estudiante en el nivel apropiado. Para más información pueden dirigirse a la oficina del Instituto de Inglés, localizada en el edificio 13, oficina 121, o pueden llamar al 306-3412.

ESL 800 ESL PREPARATORY COURSE

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Basic Skills Level: Open Curriculum; Description: Beginning-level English-language instruction for speakers of other languages. **Developmental** practice in all language skills: grammar, vocabulary, listening, speaking, reading, and writing. Preparation for ESL Level I courses. One year of previous English

language study, ESL 807 or placement by College ESL Placement Test is recommended. Units do not apply toward AA/AS degree.

ESL 805 ADVANCED GRAMMAR REVIEW

Units 3; Class Hours: Minimum of 48 lecture hours/semester; Prerequisite(s): ESL 804 or 824, or placement by College ESL Placement Test. **Description:** This course is primarily for students whose native language is other than English. Students review, practice and synthesize the grammar and sentence structure of standard written English in context. Selections from fiction and non-fiction are used as a basis for discussion and analysis of language. In addition, students react to the readings in writing and focus on editing what they have written. Special attention is paid to a review of verb tenses as well as basic and advanced sentence structure. Units do not apply toward AA/AS degree.

ESL 807 ESL BASIC INTEGRATED SKILLS

Units (Grade Option) 4; Class Hours: Minimum of 64 lecture hours/semester; Basic Skills Level: Open Curriculum; Prerequisite(s): None. **Description:** Introductory level English language instruction for speakers of other languages. Development of all language skills: grammar, vocabulary, listening, speaking, reading, and writing. Preparation for ESL 800 course. Focus on language related survival/life skills, as needed for the community-based ESL programs. Units do not apply toward AA/AS degree.

ESL 821 GRAMMAR I

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 800, or placement by College ESL Placement Test. **Description:** Introduces students to grammar skills at the high-beginning level. Special attention is paid to understanding grammar rules in context and applying these rules to student writing. Units do not apply toward AA/AS degree.

ESL 822 GRAMMAR II

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 801 or 821, or placement by College ESL Placement Test. **Description:** Introduces students to grammar skills at the low-intermediate level. Special attention is paid to understanding grammar rules in context and applying these rules to student writing. Units do not apply toward AA/AS degree.

ESL 823 GRAMMAR III

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 802 or 822, or placement by College ESL Placement Test. **Description:** Introduces students to grammar skills at the high-intermediate level. Special attention is paid to understanding grammar rules in context and applying these rules to student writing. Units do not apply toward AA/AS degree.

ESL 824 GRAMMAR IV

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 803 or 823, or placement by College ESL Placement Test. **Description:** Introduces students to grammar skills at the advanced level. Special attention is paid to understanding grammar rules in context and applying these rules to student writing. Units do not apply toward AA/AS degree.

ESL 831 LISTENING/SPEAKING I

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 800 or placement by College ESL Placement Test.

Description: Introduces students to academic listening/speaking skills at the high-beginning level. Attention is paid to pronunciation and use of idiomatic expressions, plus practice in English conversation. Units do not apply toward AA/AS degree.

ESL 832 LISTENING/SPEAKING II

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 811 or 831, or placement by College ESL Placement Test.

Description: Introduces students to academic listening/speaking skills at the low-intermediate level. Units do not apply toward AA/AS degree.

ESL 833 LISTENING/SPEAKING III

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 812 or 832, or placement by College ESL Placement Test.

Description: Introduces students to academic listening/speaking skills at the high-intermediate level. Units do not apply toward AA/AS degree.

ESL 834 LISTENING/SPEAKING IV

Units 4; Class Hours: Minimum of 64 lecture hours/semester; Prerequisite(s): ESL 813 or 833, or placement by College ESL Placement Test.

Description: Introduces students to academic listening/speaking skills at the advanced level. Units do not apply toward AA/AS degree.

ESL 836 ENGLISH PRONUNCIATION

Units 2; Class Hours: Minimum of 32 lecture/16 by arrangement lab hours/semester; Prerequisite(s): None. **Description:** This is a course for students whose native language is other than English. It is designed to ear train participants to American intonation and pronunciation. Units do not apply toward AA/AS degree.

ESL 837 INTERMEDIATE VOCABULARY DEVELOPMENT

Units 2; Class Hours: Minimum of 32 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 801 or 811 or 821 or 831 or 841 or 851 or 861. **Description:** In this course students learn to use word analysis skills to expand vocabulary, as well as to use strategies for understanding new words from contexts. There is additional attention to analysis of word parts and to expanding vocabulary via domains and concepts. Units do not apply toward AA/AS degree. May be repeated three times for credit.

ESL 841 WRITING I

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 800 or placement by College ESL Placement Test.

Description: Introduces students to high beginning academic writing in response to readings. Special attention is paid to the grammar and mechanics of written academic English. Comprehension and vocabulary development are also stressed. Units do not apply toward AA/AS degree.

ESL 842 WRITING II

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 841 or 851, or placement by College ESL Placement Test.

Description: Introduces students to low intermediate practice in writing in response to readings in English. Special attention is

paid to the grammar and mechanics of written academic English. Comprehension and vocabulary development are also stressed. Units do not apply toward AA/AS degree.

ESL 843 WRITING III

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 842 or 852, or placement by College ESL Placement Test.

Description: Introduces students to writing in response to readings at the high-intermediate level. Special attention is paid to comprehension, the grammar and mechanics of written academic English, vocabulary development and paragraph writing. Units do not apply toward AA/AS degree.

ESL 844 WRITING IV

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 843 or 853, or placement by College ESL Placement Test.

Description: Introduces students to advanced academic writing in response to readings. Special attention is paid to comprehension, vocabulary development, paragraph and essay writing, grammar and mechanics of written academic English. The course is designed to prepare students for college-entry courses. Units do not apply toward AA/AS degree.

ESL 861 READING I

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 800 or placement by College ESL Placement Test.

Description: Introduces students to advanced beginning practice in reading English. Special attention is paid to reading comprehension. Vocabulary development and the mechanics of academic English are also stressed. Units do not apply toward AA/AS degree.

ESL 862 READING II

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 851 or 861, or placement by College ESL Placement Test.

Description: Introduces students to low intermediate practice in reading in English. Special attention is paid to vocabulary and comprehension in academic English. Units do not apply toward AA/AS degree.

ESL 863 READING III

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 852 or 862, or placement by College ESL Placement Test.

Description: Introduces students to high intermediate practice in reading in English. Special attention is paid to vocabulary and reading comprehension in academic English. Units do not apply toward AA/AS degree.

ESL 864 READING IV

Units 4; Class Hours: Minimum of 64 lecture/16 by arrangement lab hours/semester; Prerequisite(s): ESL 853 or 863, or placement by College ESL Placement Test.

Description: Introduces students to advanced practice in reading academic English. Special attention is paid to advanced vocabulary and comprehension of original authentic readings. The course is designed to prepare students for college-level entry courses. Units do not apply toward AA/AS degree.