BUS 114 ENTREPRENEURSHIP FINANCE 2.0 UNITS  
Total Lecture: 36 hours  
Prerequisites: CAP 062B or BUS 021L or equivalent  
Advisory: BUS 054  
Acceptable for credit: California State University  
This course introduces financial thinking, tools, and techniques adapted to the area of entrepreneurship. Students will be introduced to the theories, knowledge, and financial tools an entrepreneur needs to start, build, and harvest a profitable venture. Students will learn how and where to obtain the financing necessary to launch and develop the venture. Discipline financial management practices are vital to a venture's operation. This course may be offered via distance learning. Pass/No Pass Option.

BUS 115 OPERATIONS MANAGEMENT 3.0 UNITS  
Total Lecture: 54 hours  
Acceptable for credit: California State University  
This course is an introduction to the field of operations management and addresses the design and management of the activities and resources that a firm uses to produce and deliver its products or services. Topics covered include product design, applied forecasting, aggregate planning, scheduling, total quality management, statistical process control, inventory management, facility layout operations planning, and lean/JIT business processes. Concepts are illustrated by using abundant real world case studies, articles, illustrations, problems and cases. This course may also be offered via distance learning. Pass/No Pass Option. C-ID # BUS 125.

BUS 118 HUMAN RESOURCE MANAGEMENT 3.0 UNITS  
Total Lecture: 54 hours  
Acceptable for credit: California State University  
This course is designed as an overview of the Human Resource functions and the employment of human resources to achieve organizational strategic goals by working with and through people. Topics include HR legal environment, recruitment and selection, training and development, compensation and benefits, performance appraisals, workforce diversity, downsizing, outsourcing, contracting, and HR systems. This course offers a balance of practical and applied material in case study analysis. This course may be offered via distance learning. Pass/No Pass Option.

CHEMISTRY (CHM)

Note: Completion of CHM 1A, 1B is equivalent to San Jose State University sequence of CHM 1A, 1B, although the order of topics presented is different. Students who are planning to complete the sequence are advised to take both semesters at the same college.

CHM 001A GENERAL CHEMISTRY 5.0 UNITS  
Total Lecture: 54 hours, Total Lab: 108 hours  
Prerequisite: CHM 0002 AND MAT 000C  
Acceptable for credit: University of California, California State University  
Chemistry 001A is the first of a two-semester sequence in general inorganic chemistry designed for science majors and those seeking entry to medicine and other professional programs in the health sciences. Topics include atomic structure, stoichiometry, chemical bonding, thermochemistry, chemical reactivity, and the properties of solids, liquids, gases, and solutions. Students cannot get credit for both CHM 001A and CHM 001AH. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade only. C-ID # CHEM 120S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 001B GENERAL CHEMISTRY II 5.0 UNITS  
Total Lecture: 54 hours, Total Lab: 108 hours  
Prerequisite: CHM 001A  
Acceptable for credit: University of California, California State University  
This course is a continuation of CHM 001A (General Chemistry I) and is intended for majors in chemistry, biological sciences, engineering, and professional programs in medicine and pharmacy. Topics include organic compounds, chemical kinetics, chemical equilibria, acid-bases, buffers, thermodynamics, electrochemistry, coordination compounds, and nuclear chemistry. This course may also be offered via distance learning. Grade only. C-ID # CHEM 120S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 001BH GENERAL CHEMISTRY II - HONORS 5.0 UNITS  
Total Lecture: 54 hours, Total Lab: 108 hours  
Prerequisite: CHM 001A  
Acceptable for credit: University of California, California State University  
Chemistry 001BH is the honors version of the second of a two-semester sequence in general inorganic chemistry designed for science majors and those seeking entry to medicine and other professional programs in the health sciences. Topics include organic compounds, chemical kinetics, chemical equilibria, acid-bases, buffers, thermodynamics, electrochemistry, coordination compounds, and nuclear chemistry. Students cannot get credit for both CHM 001B and CHM 001BH. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade only. C-ID # CHEM 120S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 002 INTRODUCTORY CHEMISTRY 3.0 UNITS  
Total Lecture: 54 hours  
Prerequisite: MAT 000C or High School Algebra II, or equivalent  
Acceptable for credit: University of California, California State University  
Chemistry 002 is designed specifically to prepare students for CHM 001A (general chemistry). It introduces the principles of atomic structure, gas laws, solutions, and acid-base theories. There is heavy emphasis on problem solving, chemical formulas, equations and quantity relationships. This course may also be offered via distance learning. Pass/No Pass Option. C-ID # CHEM 101. CSUGE: B1; IGETC: 5A.

CHM 002L INTRODUCTORY CHEMISTRY LABORATORY 1.0 UNIT  
Total Lab: 54 hours  
Prerequisite or Corequisite: CHM 002  
Acceptable for credit: University of California, California State University  
This course is a laboratory component to accompany CHM 002: Introductory Chemistry. This course may also be offered via distance learning. Pass/No Pass Option. C-ID # CHEM 101. CSUGE: B3; IGETC: 5C.

CHM 001AH GENERAL CHEMISTRY I - HONORS 5.0 UNITS  
Total Lecture: 54 hours, Total Lab: 108 hours  
Prerequisite: Prerequisite: CHM 0002 AND MAT 000C  
Acceptable for credit: University of California, California State University  
Chemistry 001AH is the honors version of the first of a two-semester sequence in general inorganic chemistry designed for science majors and those seeking entry to medicine and other professional programs in the health sciences. Topics include atomic structure, stoichiometry, chemical bonding, thermochemistry, chemical reactivity, and the properties of solids, liquids, gases, and solutions. Students cannot get credit for both CHM 001AH and CHM 001AH. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade only. C-ID # CHEM 160S. CSUGE: B1, B3; IGETC: 5A, 5C. 
ALL DEGREE APPLICABLE COURSES CARRY AN ADVISORY OF ELIGIBILITY FOR ENG 001A OR ENG 001AX AND REA 054

CHM 001 ORGANIC CHEMISTRY I - HONORS 5.0 UNITS
Total Lecture: 54 hours, Total Lab: 108 hours
Prerequisite: CHM 001B
Acceptable for credit: University of California, California State University
CHM 001H is the honors course for the first semester of organic chemistry, which includes a study of important organic molecules found in living systems and man-made molecules. This course includes both lecture and laboratory work designed to prepare students to enter fields of study such as chemistry, engineering, pre-pharmacy, pre-dentistry, pre-medicine, and biological sciences. Modern laboratory techniques, including instrumental methods of structure determination, are included. Students cannot get credit for both CHM 001A and CHM 001H. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade Only. C-ID # CHEM 160S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 012 ORGANIC CHEMISTRY II 5.0 UNITS
Total Lecture: 54 hours, Total Lab: 108 hours
Prerequisite: CHM 012A
Acceptable for credit: University of California, California State University
CHM 012H is the honors course for the second semester of organic chemistry, which includes a study of important organic molecules found in living systems and man-made molecules. This course includes both lecture and laboratory work designed to prepare students to enter fields of study such as chemistry, engineering, pre-pharmacy, pre-dentistry, pre-medicine, and biological sciences. Modern laboratory techniques, including instrumental methods of structure determination, are included. This course may be offered via distance learning. Grade only. C-ID # CHEM 160S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 012AH ORGANIC CHEMISTRY II - HONORS 5.0 UNITS
Total Lecture: 54 hours, Total Lab: 108 hours
Prerequisite: CHM 012A or CHM 012H
Acceptable for credit: University of California, California State University
CHM 012AH is the honors course for the second semester of organic chemistry, which includes a study of important organic molecules found in living systems and man-made molecules. This course includes both lecture and laboratory work designed to prepare students to enter fields of study such as chemistry, engineering, pre-pharmacy, pre-dentistry, pre-medicine, and biological sciences. Modern laboratory techniques, including instrumental methods of structure determination, are included. Students cannot get credit for both CHM 012B and CHM 012AH. Enrollment in the Honors Transfer Project is required. This course may also be offered via distance learning. Grade Only. C-ID # CHEM 160S. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 030A FUNDAMENTALS OF CHEMISTRY 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Prerequisite: MAT 903 OR High School Algebra I, or equivalent
Acceptable for credit: University of California, California State University
CHM 030A is an introductory chemistry course designed for nursing and allied-health majors. Topics include dimensional analysis, inorganic nomenclature, atomic and molecular structure, bonding, chemical reactions, gas laws, solutions, acids-bases, oxidation-reduction, equilibrium and electrolyte systems. This course is not recommended for students majoring in biology or chemistry or for those seeking entry to professional programs in medicine or pharmacy. This course may also be offered via distance learning. Grade only. CSUGE: B1, B3; IGETC: 5A, 5C.

CHM 060 SURVEY OF GENERAL, ORGANIC, AND BIOLOGICAL CHEMISTRY 4.0 UNITS
Total Lecture: 54 hours, Total Lab: 54 hours
Prerequisite: MAT 903 OR High School Algebra I, or equivalent OR MAT 903M
Acceptable for credit: California State University
Topics include atomic structure, chemical bonding, and acid-base chemistry; organic chemistry nomenclature, functional groups, stereochemistry, and classes of organic reactions; an introduction to the structure and function of biological macromolecules (carbohydrates, lipids, DNA/RNA, and proteins) and an overview of metabolism. This course may be offered via distance learning. Grade Only. CSUGE: B1, B3.

CHILD DEVELOPMENT (CHD)

CHD 001 CHILD GROWTH DEVELOPMENT 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University, University of California
This course is a study of typical and atypical child growth and development in all domains from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors within the family cultural context. Students observe children using investigative research methods, evaluate differences and analyze characteristics of development at various stages. This course may also be offered via distance learning. Grade only. C-ID # CDEV 100. CSUGE: D.

CHD 002 CHILD, FAMILY, AND COMMUNITY 3.0 UNITS
Total Lecture: 54 hours
Acceptable for credit: California State University, University of California
This class focuses on the relationship among children, families, and the community. Variations in family structure, cultural patterns, and the nature of parent child relationships are examined. Emphasis is on ethnic diversity, social class, gender roles and their impact on family behavior, values, morals and attitudes. The influence of child care, school, peers, and the media is examined. Current issues and problems facing families today are discussed. Agencies and resources which offer services or provide support to families are introduced. This course fulfills requirements as a core course for Title 22 licensing and the Child Development Permit. Grade only. C-ID # CDEV 110. CSUGE: D, E.

CHD 003 LANGUAGE AND LITERACY FOR THE YOUNG CHILD 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 002
Acceptable for credit: California State University
This course is designed to give students an opportunity to learn about the development of language in children and to learn about which experiences and techniques are needed to enable children to further that development. Students learn how to promote oral language abilities through activities offered by books, poetry, dramatic play, and group discussions. Grade Only.

CHD 004 COGNITIVE EXPERIENCES FOR CHILDREN 3.0 UNITS
Total Lecture: 54 hours
Advisory: CHD 001 and CHD 002
Acceptable for credit: California State University
This course will examine the cognitive development in children by reviewing the theories, research and curriculum experiences that will enhance the child’s thinking or understanding of the child’s physical and social world. The implications of Piaget’s theory for curriculum design and the role of the teacher and the environment in cognitive development will also be examined. Observation of children will be required. Grade only.