Victor Valley College

2016-2017 Addendum

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Reason	Course	Title	Units	Hours	Description	Transfer
New Course	AUTO 77.3	Automotive Workplace Professionalism	2.0	32-36 hours lecture	No Prerequisite. This course presents information for working professionals in the automotive industry. Topics covered will include etiquette, dress, ethics, diversity, accountability, organization, communication and conflict resolution as they apply to the automotive industry.	
New Course	AUTO 99.1	Light Duty Diesel Systems 1	4.0	48-54 hours lecture and 48-54 hours lab	This course covers the theory, design, diagnosis and repair of the light duty diesel power plant systems. Topics covered will include the fuel and emission systems.	
New Course	AUTO 99.2	Light Duty Diesel Systems 2	4.0	48-54 hours lecture and 48-54 hours lab	This course covers the theory, design, diagnosis and repair of the light duty diesel power plant systems. Topics covered will include charging and starting systems, engine electronics, service and maintenance.	
New Course	AUTO 99.3	Light Duty Diesel Systems 3	4.0	48-54 hours lecture and 48-54 hours lab	This course covers the theory, design, diagnosis and repair of the light duty diesel power plant systems. Topics covered will include intake and exhaust systems, cooling and lubrication circuits and forced air induction.	
New Course	AUTO 99.4	Light Duty Diesel Systems 4	4.0	48-54 hours lecture and 48-54 hours lab	This course covers the theory, design, diagnosis and repair of the light duty diesel power plant systems. Topics covered will include cylinder block assemblies and cooling and lubrication circuits.	
New Course	AVA 74	Aviation Technology Capstone Course	4.0	48-54 hours lecture and 48-54 hours lab	This course is designed to prepare students for FAA licensure testing. Topics include a review of general, airframe, and power plant curricula.	

Reason	Course	Title	Units	Hours	Description	Transfer
New Course	CIS 139B	Windows for Power Users	4.0	48-54 hours lecture and 48-54 hours lab	No prerequisite. Recommended preparation: CIS 101. Students will gain experience in installing, navigating, configuring, optimizing, troubleshooting, and customizing the most current version of Windows. Additional subjects which will be covered include networking, disk management, diagnostics and using the Internet, upcoming releases of Windows.	
New Course	CMST 104	Argumentation and Oral Debate	3.0	48-54 hours lecture	Recommended Preparation: ENGL 101.0 and CMST 109. The study of argumentation within an oral debate setting. Treatment of the theories and practices of argument, both formal and informal. Emphasis on language as a tool of argument. Fallacies of reasoning, practical problem-solving situations, and systems of logic. Oral exercises including debates, extensive writing requirements including advocacy papers, and analysis of refutations of arguments. CSU	CSU
New Course	CMST 110	Introduction to Mass Media	3.0	48-54 hours lecture	This course introduces students to the influences and contributions of mass media in popular culture. It traces the historical development of each of the mass media, from earliest inventions to today's state-of-the-art digital technologies. This course surveys the impact of mass media on each of us as individuals and on American and world culture: where we might be going and what we can do about it. The course also examines how mass culture continually influences and shapes the media. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
New Course	CTMF 121C	Advance Woodworking I	3.0	32-36 hours lecture and 48-54 hours lab	Prerequisite: CTMF 121B with a grade "C" or better. This is an advanced course in fine woodworking using techniques common to custom wood products, furniture making and wood art. Learn the artisan's techniques for wood joining, carving, turning and finishing by completing various wood projects. Course includes a study of common woods, tools and methods for shaping and finishing. CSU	CSU
New Course	CTMF 50	General Machine Shop	3.0	16-18 hours lecture and 96-108 hours lab	This introductory course instructs students in the basic set up and operation of the lathe, mill, saw, drill press, and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, and speed & feed calculations also included.	
New Course	FIRE 51A	Firefighter/EMT Public Safety Vertical Integration	4.5	192-216 hours lab	Recommended Preparation: FIRE 95. This course is the field externship portion of the FIREFIGHTER I Academy. Students will spend lab hours in the field with an all-risk fire department performing the duties of a Firefighter/EMT.	
New Course	FIRE 54A	Truck Academy	2.0	96-108 hours lab	This course is for veteran firefighters or other interested students that want to enhance their knowledge and ability as it pertains to the fire ground operations associated with truck company tactics and strategy. Basic roof construction, vertical and horizontal ventilation, forcible entry, positive and negative ventilation, search and rescue, thermal imaging technology, firefighter safety and survival, rapid intervention tactics, elevator rescue and related truck company operations will be discussed.	

Reason	Course	Title	Units	Hours	Description	Transfer
New Course	KIN 201	Introduction to Exercise Physiology	3.0	48-54 hours lecture	Recommended Preparation: BIOL 211 and BIOL 231. The study of human physiological processes during exercise and activity. Includes study of metabolic changes to main body systems during acute exercise, the physiological adaptations due to chronic exercise and the effect of gaining upon performance. CSU	CSU
New Course	PSYC 209	Developmental Psychopathology	3.0	48-54 hours lecture	Prerequisite: PSYC 101 with a grade of "C" or better. This course studies childhood and adolescent psychological disorders within the context of human development. Emphasis is on the developmental origins and developmental consequences of biological, social, emotional, and behavioral disturbances/influences. Topics include DSM-V classification, assessment, testing, course, etiology, gender, culture, prevention, risk and treatment modalities. CSU/UC	CSU, UC
New Course	PSYC 211	Introduction to Learning and Behavior Analysis	3.0	48-54 hours lecture	Prerequisite: PSYC 101 with a grade "C" or better. This course addresses the fundamental principles in Learning and Behavior Analysis with an emphasis on operant conditioning, applied behavior analysis, and evolutionary and biological factors. Topics include the history and basic principles of modern learning theories; methodology, measurement and quantification of behavior research, and the application of behavior analysis techniques for changing behavior. CSU/UC	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Update: Description Change	AGNR 178	Agriculture Economics	3.0	48-54 hours lecture	The place of agriculture and farming in the economic system; basic economic concepts, and problems of agriculture; pricing and marketing problems, factors of production; and state and federal farm programs affecting the farmer's economic position.	
Course Update: Prerequisite Removal	BIOL 110	Introduction to Human Nutrition	3.0	48-54 hours lecture	Introduction to the medical aspects of nutrition, intended for students pursuing a career in health care. Biological function and chemical classification of nutrients. Nutritional needs throughout the lifespan. Effects of nutritional deficiencies and excesses. Recommended nutrient intakes and the role of diet in the development of chronic disease. CSU	CSU
Course Update: Title Change	CIS 208	Computer Architecture and Organization	3.0	32-36 hours lecture and 48-54 hours lab	(Formerly CIS 108) Designed to train students to understand microcomputer systems low level (hardware) organizations and architecture through assembly language programming.	
Course Update: Grading Change	CT 142	Renewable Energy Fundamentals	3.0	48-54 hours lecture	This course explores methods of generation and use of renewable energy. Topics include renewable fuel based generators, fuel cells, wave and tidal generation, geothermal, wind turbines, photovoltaic, barometric pressure, and hydroelectric generation. Course also covers active and passive solar heating and cooling, alternate fueled vehicles and electric transportation. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Update: Prefix Change, Description Change	EDUC 51	Introduction to Educational Technology	3.0	48-54 hours lecture	Previously ETEC 51. This course examines educational technology and its roles, as well as fundamental theoretical concepts of human development, learning and performance, information and communication, instruction and instructional design. Students will analyze technology from three integrated perspectives: technology as a tool, a medium, and a setting for learning and will use internet tools as they survey a variety of strategies for integrating technology into classrooms. The course will also introduce students to basic methods for integrating technology into classroom lessons and for creating online learning activities. Students will have the opportunity to create projects relevant to their educational setting.	
Course Update: Title Change and Description Change	ESL 33A	Low Intermediate Reading and Vocabulary	3.0	48-54 hours lecture	Recommended Preparation: Students should already have basic skills in decoding information and understanding at a literal level. They should be able to read and understand short, authentic texts such as letter and instructions. Designed for low intermediate ESL students who wish to improve reading skills and reading comprehension. Course emphasizes reading skills, such as main ideas, comprehension, outlining, and developing vocabulary skills. Students will read short authentic texts and abridged readers and respond to reading passages. Distinguish between main and supporting ideas of a paragraph on a familiar topic. Identify relationship within a passage using context clues. Interpret simple narrative and descriptive passages on unfamiliar topics with materials with visual prompt. Predict meanings of unfamiliar vocabulary in materials rich in contextual clues.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course update: Number Change, Description Change	FIRE 51F	Fire Control 3B	0.5	24-27 hours lab	This course is designed to develop fundamental skills in combating structure fires by providing the students with a thorough understanding of fire behavior, ventilation procedures and techniques, interior fire attack, and exterior fire attack using a live-fire simulator. In many cases, this will be the fire fighter's first exposure to live structural fire fighting.	
Course update: Number Change, Description Change	FIRE 51G	Fire Control 4	0.5	24-27 hours lab	(Previously FIRE 9A)This course provides the knowledge and skills that prepare a firefighter to extinguish an ignitable liquid fire, control a flammable gas fire, and develop an incident action plan for a pipeline emergency.	
Course update: Number Change, Description Change	FIRE 61J	Rescue Systems 2	1.5	16-18 hours lecture and 24-27 hours lab	(Previously Fire 11C)This course is designed for personnel who in the discharge of rescue duties will engage in missions that encompass numerous hazards such as those involving confined spaces, energized electrical services, hazardous materials, adverse weather, unstable structures, high technology rescue tools, emergency building shoring, breaking, breaching, burning and cutting, and lifting and moving heavy objects. Pass/No Pass.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Update: Description Change	MUSC 103	Music Theory II	3.0	32-36 hours lecture and 48-54 hours lab	Prerequisite: MUSC 102.Continuation of MUSC 102 Comprehensive theory study centering on basic four-part diatonic harmonic practices. Use of triads in all positions, principles of voice leading, harmonic progression, form at the phrase structure and cadence level, non harmonic tones, and melodic construction; introduction to non-dominant 7th chords, two part counterpoint and modulation. Emphasis on written and aural analysis, and creative application of concepts in a technology supported interactive classroom/lab environment. Required for those majoring in music and useful to those desiring to write or arrange music for any purpose. CSU, UC.	
Course Update: Description Change	RSPT 243	Clinical Simulation	1	16-18 hours lecture	Prerequisite: RSPT 233 with a grade of "C" or better OR CRT/RCP credentials with "registry eligibility" as designated by the NBRC/RCB. This course will prepare individuals for the National Board of Respiratory Care's (NBRC) Therapist Multiple-Choice Examination (TMC) and Clinical Simulation examinations. Those already certified (Certified Respiratory Therapist) and designated registry eligible by the NBRC will be able to review, evaluate, and improve their clinical assessment, decision making, and test taking skills. CSU,UC	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	AENG 10.4A	Review Class for ESL Beginners	0.0	48-54 hours lecture	This class is for people who completed beginning-level English (AENG 10.1-10.4). Students practice reading, writing, listening, and speaking skills that they have already learned. The class focuses on practical, everyday situations such as shopping and work situations.	
Course Deactivation	AENG 10.7B	ESL Intermediate Speaking II	0.0	48-54 hours lecture	This class continues from AENG 10.7A. It focuses on English needed for specific formal situations at school and work such as expressing agreement/disagreement and confronting, and job interviews.	
Course Deactivation	ALDH 84	Intravenous Therapy	2.0	32-36 hours lecture	A review of the general anatomy and physiology of the heart and coronary system, with complications associated with acute myocardial infarction with strong electrophysiological/arrhythmogenic component. Upon successful completion, the student will receive a certificate in Basic Electrocardiography and Arrhythmia interpretation. This course has been approved by the Board of Registered Nursing for Continuing Education credit.	
Course Deactivation	AUTO 95A1-L	Engine Repair Laboratory	1.0	48-54 hours lab	A laboratory class to develop skills in engine rebuilding and repair procedures.	
Course Deactivation	AUTO 95A2-L	Automatic Transmission Repair Laboratory	1.0	48-54 hours lab	This laboratory course covers diagnosis and repair of the components of automatic transmission systems.	
Course Deactivation	AUTO 95A3-L	Standard Transmission Repair Laboratory	1.0	48-54 hours lab	This laboratory course covers diagnosis and repair of the components of standard transmission systems and differential systems.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	AUTO 95A4-L	Automotive Suspension and Alignment Laboratory	1.0	48-54 hours lab	This laboratory course covers diagnosis and repair of the components of the automotive suspension system.	
Course Deactivation	AUTO 95A5-L	Automotive Brakes Repair Laboratory	1.0	48-54 hours lab	This laboratory course covers diagnosis and repair of the components of automotive brake systems.	
Course Deactivation	AUTO 95A6-L	Automotive Computer/Electronics Laboratory	1.0	48-54 hours lab	This laboratory course covers techniques used by the automotive industry to diagnose and repair computer and fuel injection systems.	
Course Deactivation	AUTO 95A7-L	Automotive HVAC Laboratory	1.0	48-54 hours lab	This laboratory course covers diagnosis and repair of the components of the automotive Air-Conditioning and Heating Systems.	
Course Deactivation	AUTO 95C1-L	Automotive Service Consultant Laboratory	1.0	48-54 hours lab	This course prepares students to effectively write automotive service orders and manage an automotive repair shop.	
Course Deactivation	AUTO 85A.1	Advanced Engine Performance Theory	3.0	48-54 hours lecture	This course covers engine performance theory and techniques used by the automotive industry to diagnose and repair electrical malfunctions, computer, fuel Injection, and electronic ignition systems.	
Course Deactivation	AUTO 86.2	Import Suspension Sport Tuning	4.0	48-54 hours lecture and 48-54 hours lab	This course provides the student with the knowledge to install aftermarket lowering kits, suspension enhancements and alignment procedures for modified suspension systems. Information covered will include suspension geometry, accepted procedures for lowering vehicles, shock absorber choices, tire choices for sport tuned vehicles, and maintenance of modified suspensions.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	AUTO 95.10L	Hybrid Vehicle Maintenance and Service Laboratory	1.0	48-54 hours lab	This laboratory course addresses hybrid vehicle maintenance and service procedures. Topics covered will include safety, manufacture specific hybrids, diagnostic and repair procedures as they relate to hybrid vehicles.	
Course Deactivation	AUTO 97.1	Automotive Heating, Ventilation & Air Conditioning, Theory and Function	3.0	48-54 hours lecture	This course covers Heating, Ventilation, & Air-conditioning (HVAC)theory, basic electricity, HVAC safety procedures, HVAC diagnostic equipment, and industry approved procedures to diagnose and repair HVAC malfunctions in the automobile.	
Couse Deactivation	APE 185A	Introduction to Adapted Sport/Games	1.0	48-54 hours lab	Prerequisite: Physical condition limiting participation in regular physical education courses. Medical release applicable. Grade Option. The introductory adapted sports and games course is designed to develop student's gross motor skills and to facilitate their participation in life-long activities enhancing improved fitness, self-esteem, and social interaction. Activities include but are not limited to bowling, softball and frisbee. Fitness, rules, and sportsmanship will also be discussed. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	APE 185B	Intermediate Adapted Sport/Games	1.0	48-54 hours lab	Prerequisite: Physical condition limiting participation in regular physical education courses. Medical release applicable. Grade Option. The intermediate adapted sports and games course is designed to develop student's gross motor skills and to facilitate their participation in life-long activities enhancing improved fitness, self-esteem, and social interaction. Activities include but are not limited to bowling, softball and frisbee. Fitness, rules, and sportsmanship will also be discussed. CSU	CSU
Couse Deactivation	APE 185C	Advance Adapted Sport/Games	1.0	48-54 hours lab	Prerequisite: Physical condition limiting participation in regular physical education courses. Medical release applicable. Grade Option. The advanced adapted sports and games course is designed to develop student's gross motor skills and to facilitate their participation in life-long activities enhancing improved fitness, self-esteem, and social interaction. Activities include but are not limited to bowling, softball and frisbee. Fitness, rules, and sportsmanship will also be discussed. CSU	CSU
Couse Deactivation	BET 103	WordPerfect for Windows ABC	3.0	48-54 hours lecture	Introduces students to WordPerfect for Windows. Students will develop a working knowledge of this current software package to prepare documents. CSU	CSU
Couse Deactivation	BET 103A	Beginning Word Processing/Typing : WordPerfect for Windows A	1.0	24-27 hours lab	Introduces students to word processing using WordPerfect for Windows Students will develop a working knowledge of this current software package to prepare documents. Course will include text-editing, formatting, storage, retrieval, saving, and printing documents.	

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	BET 103C	Beginning Word Processing/Typing : WordPerfect for Windows C	1.0	24-27 hours lab	This third unit is designed to meet the individual needs of each student. Topics are merging, creating envelopes and labels, sorting, managing files, and working with window arrangements.	
Couse Deactivation	BET 103D	Beginning Word Processing/Typing : WordPerfect for Windows D	1.0	24-27 hours lab	The fourth unit is designed to meet the individual needs of each student. Topics covered include creating macros, defining and using styles, outlines and graphics.	
Couse Deactivation	BET 104A	Word for Windows A	1.0	32-36 Individualized Instruction	Grade Option. This course introduces students to Word for Windows with emphasis on creating, editing, formatting, and printing documents. It is designed for students with limited experience on the computer. CSU	CSU
Couse Deactivation	BET 104B	Word for Windows B	1.0	32-36 Individualized Instruction	Grade Option. This course introduces students to Word for Windows. Students will develop a working knowledge of this current software package to prepare documents. CSU	CSU
Couse Deactivation	BET 104C	Word for Windows C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This course introduces students to Word for Windows. Students will develop a working knowledge of advanced Word features including styles, macros, and integrating Microsoft Office programs. CSU	CSU
Couse Deactivation	BET 107A	Internet A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This introductory course is a self-paced, individualized course. Basic Internet topics and commands such as defining the Internet and browsing the Web are covered. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	BET 107B	Internet B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This introductory course is a self-paced, individualized course. Internet topics and commands such as the searching the Internet, composing and sending e-mails, and using research and reference tools are covered. CSU	CSU
Couse Deactivation	BET 107C	Internet C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This third unit is a self-paced, individualized introduction designed to teach students concepts of Internet technologies and security, creating web pages, and managing a web site. CSU	CSU
Couse Deactivation	BET 112A	Spreadsheet: Excel for Windows A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This first unit of Excel is a self-paced, individualized introduction to spreadsheet operations for creating, editing, formatting, and placing graphics in worksheets. Extensive hands-on practice for students is provided at individual workstations. CSU	CSU
Couse Deactivation	BET 112B	Spreadsheet: Excel for Windows B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This second unit is a self-paced, individualized introduction to the commands and functions for customizing the worksheet, working with the tool bar, and enhancing worksheet charts or graphs. Extensive hands-on practice is provided at individual workstations. CSU	CSU
Couse Deactivation	BET 112C	Spreadsheet: Excel for Windows C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This third unit is a self-paced, individualized introduction to complex formulas, enhancing charts and worksheets working with pivot tables and customizing Excel and advanced worksheet management. Extensive hands-on practice is provided at individual workstations. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	BET 118A	Access A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	No prerequisite. Familiarity with computers is recommended. Introduces database concepts and skills. Students will learn to manage and organize database files with hands-on practice at individual work stations. Grade option. CSU.	CSU
Couse Deactivation	BET 118B	Access B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Prerequisite: BET 118A. This second unit in database management will feature advanced querying, storing and organizing business information. Grade option. CSU.	CSU
Couse Deactivation	BET 118C	Access C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Prerequisite: BET 118B. This course is designed to teach the student advanced concepts and business skills using Access, including working with advanced queries, briefcase replication, macros and the use of Visual Basic for applications code. Grade option. CSU	CSU
Couse Deactivation	BET 131A	Presentation Software: PowerPoint A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This course is designed to teach students the concepts and basic skills of PowerPoint including creating, editing, and printing effective presentations. This class provides students with skills that enable them easily and quickly to produce classroom and business presentations. CSU	CSU
Couse Deactivation	BET 131B	Presentation Software: PowerPoint B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. Students learn advanced PowerPoint features such as creating graphs and tables, customizing color schemes, and inserting artwork, WordArt and slide show effects. CSU	CSU
Couse Deactivation	BET 131C	Presentation Software: PowerPoint C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This is a self-paced, individualized introduction designed to teach students concepts and business skills of PowerPoint including customizing, working with embedded and linked objects and hyperlinks and delivering and publishing presentations. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	BET 137A	Desktop Publishing: Microsoft Publisher A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This is the introductory course designed to teach students the concepts and business skills of Microsoft Publisher. This class provides students with the skills to easily and quickly produce professional classroom and business publications. CSU	CSU
Couse Deactivation	BET 137B	Desktop Publishing: Microsoft Publisher B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This unit will teach students advanced Publisher features such as enhancing a publication and using Publisher's drawing tools and styles. CSU	CSU
Couse Deactivation	BET 137C	Desktop Publishing: Microsoft Publisher C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	Grade Option. This unit is designed to teach students advanced concepts and business skills of Publisher including customizing publications and publishing web sites. CSU	CSU
Couse Deactivation	BET 141A	Windows A	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	This first unit is an introduction to the most current version of Microsoft Windows Operating system. Extensive hands-on practice at individual workstations will provide students with the fundamental commands and features of Windows. CSU	CSU
Couse Deactivation	BET 141B	Windows B	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	The second unit covers more extensive hands-on practice with additional Windows commands and use of icons using the current version of Microsoft Windows.	CSU
Couse Deactivation	BET 141C	Windows C	1.0	16-18 hours lecture, 48-54 hours lab, 32-36 Individualized Instruction	This third unit includes features using program manager and Windows interface. Using the most current version of Microsoft Windows. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Couse Deactivation	BET 65	Speedwriting	3.0	48-54 hours lecture	A simplified method of shorthand based on systematic abbreviations. This course is intended for the entry-level promotable secretary, the electronic office, and college students desiring note-taking skills.	
Course Deactivation	BIOL 100H	General Biology Honors	0.0	48-54 hours lecture and 48-54 hours lab	This is an introductory biology course for honors students emphasizing the scientific method, analysis of scientific data, the use of scientific units, cellular biology, genetics and heredity, classification and systematics, evolution, ecology, environmental issues, and current topics in biology. The laboratory complements the lecture topics via direct experimentation, simulations, and video, including a survey of Earth's biological diversity. Specific topics will be emphasized through the use of reading assignments and the preparation of a short research paper. CSU, UC.	CSU, UC
Course Deactivation	BIOL 114	Introduction to Ecology	3.0	48-54 hours lecture	The first half of this course covers basic ecological principles about demography and population growth, species interactions and food webs, introduction to photosynthesis and metabolism and nutrient cycling. The remainder of the course emphasizes environmental problems and how they relate to ecological principles. Topics include global biodiversity and endangered species, water and air pollution, alternate energy sources, alternative agriculture and pesticides and other topics of local interest. Although this course has no laboratory, some outdoor activities and short-distance field trips during class time may be required. CSU, UC.	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	BIOL 148	Special Topics - Projects in Biology	3.0	96-108 Individualized Instruction	Covers specialized topics of current interest to advanced undergraduates in Biological Sciences. Consult the Department for details about current offerings. Prerequisite: consent of instructor. Credit for this course may be obtained more than once. CSU, Grade Option.	CSU
Course Deactivation	BIOL 214	Vertebrate Zoology	4.0	48-54 hours lecture and 48-54 hours lab	Prerequisite: BIOL 100 or H100 or 201 with a grade of "C" or better. This rigorous course provides students with a comprehensive introduction to the vertebrates by examining comparative vertebrate morphology, development, and behavior from an evolutionary perspective. The lectures present an overview of the major vertebrate groups, including fish, amphibians, reptiles, birds, and mammals. Critical analyses of current controversies in the study of vertebrate evolution are also discussed, as well as human impacts to vertebrate species and their environments. Lab work includes examining living and preserved specimens (including dissections), providing the opportunity to examine the structure of organ systems and adaptations to the environment. Several local field trips are taken to study vertebrates in the wild and in captivity. This course, which stresses critical thinking and problem-solving skills, is designed for pre-professional and biology majors, but it is open to all students. CSU transferable.	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	BIOL 240	Applied Biostatistics	3.0	48-54 hours lecture	Prerequisites Required: Biol 100H,Biol 201 or Biol 231 and Math 90. This course presents the language and logic of statistics, as well as how the most common statistical methods are applied to biology and health science problems. Calculators and computers will assist in statistical analysis, and the student will use spreadsheets and statistical software packages to analyze data. The course will also emphasize a variety of methods used in graphical representation of data. CSU, UC.	CSU, UC
Course Deactivation	BRE 125	Taxes and Real Estate Investment	3.0	48-54 hours lecture	This real estate investment course discusses ownership interests, sources of financing, tax aspects of real estate ownership, market and cash flow analysis for income property, land investing, creative financing, and the laws dealing with foreclosure property investing. Advanced Finance elective for Real Estate Broker's License. CSU	CSU
Course Deactivation	BSKL 1	Reading and Writing One	2.0	16-18 hours lecture and 48-54 hours lab	The course in the first in a series that focuses on reading and writing skills. Students develop their vocabulary base along with grammar and sentence writing skills.	
Course Deactivation	BSKL 1A	Reading and Writing One A	1.0	8-9 hours lecture and 24-27 hours lab	The course is the first half of the first course in a series that focuses on reading and writing skills. Students develop their vocabulary base along with grammar and sentence writing skills. This course will not apply to the Associate Degree.	
Course Deactivation	BSKL 2	Reading and Writing Two	2.0	16-18 hours lecture and 48-54 hours lab	The course is the second in a series that focuses on reading and writing skills. Students develop their reading comprehension and paragraph writing skills.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	BSKL 2A	Reading and Writing Two A	1.0	8-9 hours lecture and 24-27 hours lab	This is a first half of the second course in a series that further develops reading and writing skills. Students continue to develop their vocabulary base along with grammar and sentence writing skills. This course does not apply to the Associates Degree.	
Course Deactivation	BSKL 2B	Reading and Writing Two B	1.0	8-9 hours lecture and 24-27 hours lab	This is a second half of the second course in a series that further develops reading and writing skills. Students continue to develop their vocabulary base along with grammar and sentence writing skills. This course does not apply to the Associates Degree.	
Course Deactivation	BSKL 5	Essential English Grammar	4.0	48-54 hours lecture and 48-54 hours lab	The course covers core concepts in English grammar and includes such topics as subjects and verbs, common usage errors, clauses and phrases and punctuation.	
Course Deactivation	BSKL 6	Math Operations with Whole Numbers	1.0	8-9 hours lecture and 24-27 hours lab	This math course will review computations (addition, subtraction, multiplication, division) with whole numbers. The course also introduces translations of verbal problems into mathematical statements and includes instruction in rounding, approximation, and numerical estimation. This course will not apply to the Associate Degree.	
Course Deactivation	BSKL 7	Math Operations with Rational Numbers	1.0	8-9 hours lecture and 24-27 hours lab	This math course will review computations (addition, subtraction, multiplication, division) with fractions. The course also introduces verbal problems that involve fractions and mixed numbers. This course will not apply to the Associate Degree	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	BSKL 8	Math Operations with Decimals	1.0	8-9 hours lecture and 24-27 hours lab	This math course will review computations (addition, subtraction, multiplication, division) with decimals. The course also introduces verbal problems that involve decimals. Percentages, ratios, and proportions are also introduced. This course will not apply to the Associate Degree.	
Course Deactivation	BSKL 8A	CAHSEE Preparation-English	0.0	32-36 hours lecture and 24-27 hours lab	The course prepares students to take the CAHSEE in English. Students review skills in both reading comprehension and writing skills. This course does not apply to the Associate degree.	
Course Deactivation	BSKL 8B	CAHSEE Preparation-Math	0.0	32-36 hours lecture and 24-27 hours lab	Non-credit only. This course provides supplemental instruction in math in preparation for California High School Exit Exam (CAHSEE). This course will not apply to the Associate degree.	
Couse Deactivation	CART 160	Survey of Visual Communication Technologies	4.0	48-54 hours lecture and 48-54 hours lab	An overview of Adobe Creative Suite. Students are given the opportunity to sample professional digital design tools while applying the fundamentals of design. CSU	CSU
Course Deactivation	CHDV 115	Family Child Care Provider	3.0	48-54 hours lecture	Course will address the many factors involved in providing quality child care in one's home. This course will cover how to set up a safe, healthy and stimulating environment that meets the developmental needs of the diverse ages served in family day care homes. Providers will develop or refine their business policies and procedures, parent contracts, and personal philosophy and goals. Additionally, training in preventive health practices will enable providers to partially fulfill AB243 requirements. Grade option. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CHDV 143	Introduction to High/Scope Curriculum	3.0	48-54 hours lecture	This course provides students with a working knowledge of the High/Scope curriculum model. This model stresses an active learning classroom based upon Jean Piaget's theories of child development. Course will cover origins of model, classroom arrangement, curriculum, adult/child interaction and observation techniques. CSU	CSU
Course Deactivation	CHEM 150	Forensic Chemistry	3.0	48-54 hours lecture	This course is designed to provide an introduction to forensic chemistry and criminalistics. The course introduces chemical and scientific techniques used in modern forensic laboratories to analyze physical evidence commonly encountered at a crime scene. Topics include a basic survey of the principles of general and organic chemistry as applied to forensic examination, forensic documentation, chemical screening, microcrystal, and extraction techniques, an introduction to chromatography, mass spectrometry, and infrared spectroscopy, analysis of various drugs and controlled substances, and the investigation and processing of clandestine laboratory operations. A close relationship between theoretical lecture principles and field and laboratory techniques is emphasized. CSU	CSU
Course Deactivation	CIDG 251	Architectural Computer Aided Design II	3.0	32-36 hours lecture and 48-54 hours lab	Prerequisite: CIDG 250. This course will cover more advanced computer skills necessary to produce commercial and institutional working and presentation drawings. Basic and advanced design principles will be explored and implemented through the use of the AutoCAD program.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CIDG 73	Typography & Layout	3.0	48-54 hours lecture	In this course students will learn how to use type as a graphic design element using industry standard techniques and tools. Students will strengthen their use of type as a design element through a variety of projects ranging from elementary exercises to intermediate presentations. In addition, students will examine the history of type and typesetting, modern methodologies, principles and aesthetics of good typographic design. Two Lecture, three laboratory hours per week.	
Course Deactivation	CIDG 75	Page Layout and Design	3.0	48-54 hours lecture	This course introduces students to the computer as a page layout and design tool. Emphasis will be on using industry standard software to simplify the paste-up and pagination process when producing multi-page printed materials. Student will learn the terminology and techniques of page layout so that they may communicate within the industry. Class projects will develop the ability to work as a team to produce printed materials within time and technical constraints.	
Course Deactivation	CIDG 77	Print Production Processes	3.0	32-36 hours lecture and 48-54 hours lab	A study of the processes used in the printing industry. Emphasis will be placed on terminology practices, and techniques for effective communication with printing professionals. Class projects will develop the students' ability to design within the necessary parameters	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CIDG 79	Multimedia and Web Design	4.0	48-54 hours lecture and 48-54 hours lab	This course teaches graphic artist the tools and procedures for designing graphics for the computer screen. This course will give an overview of standard industry software used for creating multimedia presentation and web pages. This course does not focus on HTML or scripting language but is focused on the development of the visual content.	
Course Deactivation	CIDG 90	Fundamentals of Architecture and Structural Engineering	3.0	32-36 hours lecture and 48-54 hours lab	Grade Option. This course covers the fundamentals of architectural design and structural engineering with an emphasis on structural calculations. These fundamentals include the requirements for building plans and the most recent Title 24 Energy code and the names and explanations of construction hardware. Structural calculations are performed using the MaxQuake and MaxBeam software programs.	
Course Deactivation	CIS 211A	Advance VB Programming Module A: Advance Topics	4.0	48-54 hours lecture and 48-54 hours lab	This is an advanced programming course using VB.NET. The course focuses on developing Object-Oriented applications using the latest Microsoft .NET technology. Topics covered include .NET Framework and CLR, class implementation, inheritance, polymorphism, exception handling, multithreading, developing custom controls for Windows forms and Web forms, etc. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CIS 211B	Advance VB Programming Module B: Database Programming	4.0	48-54 hours lecture and 48-54 hours lab	Prerequisite: CIS 210 and CIS 280 or equivalent. This is an advanced programming course using VB.NET. The course focuses on developing desktop/Web applications using Microsoft's new ADO.NET technology. ADO.NET, based on XML, provides platform interoperability and scalable data access. Topics covered include the .NET Framework, ADO.NET, SQL, DataSet, XML, ADO.NET classes libraries, Web Services, etc. CSU	CSU
Course Deactivation	CIS 211C	Advance VB Programming Module C: Web Programming	4.0	48-54 hours lecture and 48-54 hours lab	Prerequisite: CIS 210 and CIS 205 or equivalent. This is an advanced programming course using VB.NET. The course focuses on developing Web applications using Microsofts's ASP.NET technology. ASP.NET is a powerful server-based technology, designed to create dynamic Web sites and Web-based distributed applications, or corporate intranet applications. Topics covered include the .NET Framework, ASP.NET class libraries, Web forms, ASP.NET Server controls, ASP.NET Data Access, XML and Web Services, ASP.NET mobile controls, etc. CSU	CSU
Course Deactivation	CIS 281	Database Management	4.0	48-54 hours lecture and 48-54 hours lab	This course teaches students the concepts and implementation of a relational database model and object-oriented database model. This course covers the common languages used for data manipulation and information retrieval. The course is a practical approach to train students to analyze, design and create databases for businesses and organizations. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CIS 287A	Structured Query Language A	2.0	16-18 hours lecture and 48-54 hours lab	First module of manipulating data and databases using Structured Query Language (SQL). Topics include: concepts of databases and SQL; creating and using databases; and performing queries. CSU	CSU
Course Deactivation	CIS 287B	Structured Query Language B	2.0	16-18 hours lecture and 48-54 hours lab	This is a second course teaching the management of data and databases using Structured Query Language (SQL). Topics include: working with multiple tables; data normalization; views; indexes; dealing with data problems; and improving the performance of data manipulation. CSU	CSU
Course Deactivation	CIS 288A	Oracle A	2.0	16-18 hours lecture and 48-54 hours lab	An introduction to using the Oracle relational database management system. This is the first of two modules. Topics include: the structure, nature, and use of databases; working with database projects; dealing with the various data types; querying databases. CSU	CSU
Course Deactivation	CIS 290A	Microsoft SQL Server A	2.0	16-18 hours lecture and 48-54 hours lab	MS SQL Server is Microsoft's database server software. This course teaches students how to administer the database system using MS SQL Server. This course discusses the basics of client/server database computing, the planning and installation of SQL Server, and normal operation of SQL Server. CSU	CSU
Course Deactivation	CIS 290B	Microsoft SQL Server B	2.0	16-18 hours lecture and 48-54 hours lab	MS SQL Server is Microsoft' database server software. This course is the continuation of SQL Server Administration A. It will review the basic features of SQL Server administration and then focus on advanced topics of using SQL Server such as performance and tuning. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	CIS 93	Perl	4.0	48-54 hours lecture and 48-54 hours lab	This course is designed to provide students with an understanding of the Perl scripting language used in Unix and Linux systems. Students will learn how to design and implement dynamic scripts through strings, operators, variables, arrays, control structures, expressions, functions, file handles and database access controls.	
Course Deactivation	ELCT 148	Special Topics - Electronics	1.5			
Course Deactivation	ELCT 5	Cet Exam Preparation	2.0	32-36 hours lecture	Covers all electronic circuits required by the Electronics Technicians Assn. International for successful completion of the Certified Electronic Technician examination. Includes: DC and AC circuits, filters, thyristors, transistors, diodes, power supplies and voltage regulators; also covered are test equipment used in electronics including voltmeters, ammeters, oscilloscope frequency meters and VTVM's.	
Course Deactivation	ELCT 51	C++ Programming for Electronics and Computer Technology	4.0	64-72 hours lecture	Designed to introduce students to C++ programming for scientific applications in engineering technology through lecture and lab. Topics will include writing C++ routines for analysis of electrical and electronics circuits, real time data acquisition and analysis, modeling of electronics components, interfacing with LabView for data collection and processing, interfacing with MathCAD and workbench.	
Course Deactivation	ELCT 53	Electronic Communication Principles	4.0	48-54 hours lecture and 48-54 hours lab	Study of all relevant aspects of modern communication principles. Topics include amplitude modulation transmission and reception, single-sideband communications, frequency modulation transmission and reception, television, and communications techniques.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 54	Electronic Communication Systems	4.0	48-54 hours lecture and 48-54 hours lab	A study of modern communication systems. Topics include: digital and data communications, transmissions lines, wave propagation, antennas, wave guides and radar, microwave and lasers, and fiber optics.	
Course Deactivation	ELCT 6	FCC License Preparation	2.0	32-36 hours lecture	Designed for students enrolled in Electronics Communications B and topics include: Element 3 Examination (General Radio Telephone) -provisions of laws, treaties and regulations, radio operating procedures and practices; technical matters including fundamentals of electronics technology and maintenance techniques.	
Course Deactivation	ELCT 62	Personal Computer Servicing	3.0	48-54 hours lecture	This hands-on course is designed to provide the student skills to service, maintain, upgrade, and optimize personal computers. Activities include: computer disassembly, component identification, using diagnostic software, configuring the computer, troubleshooting methods, hard drive removal and installation, floppy drive removal and installation, troubleshooting a malfunctioning computer, and introduction to advanced troubleshooting techniques. Satisfies computer industries' A+ certification requirements.	
Course Deactivation	ELCT 63	Personal Computer: Troubleshooting	3.0	48-54 hours lecture	This course is a continuation of ELEC 95, Personal Computer Servicing. This hands-on course is designed to provide comprehensive troubleshooting down to the component level. Topics include: computer circuits, central processing unit (CPU) and support circuits, system monitors, input/output (I/O), system and secondary cache memory, video, disk drives and their control, and troubleshooting techniques. Satisfies computer industries' A+ certification requirements.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 65	PC Monitors	3.0	48-54 hours lecture	This hands-on course covers the fundamentals of troubleshooting and repairing PC monitors. Major topics include: signal imputs, external adjustments, components and circuits identification, power supply, video, vertical, and horizontal drive circuits, and troubleshooting. The student will utilize multimeters, signal generators, and oscilloscopes to troubleshoot various monitor faults. This course meets the objectives of the PC monitor section of the A+ certification examination.	
Course Deactivation	ELCT 69	Networking Topologies & Cabling	2.0	32-36 hours lecture	This course provides both the technical instruction and the practical maintenance skills required to identify and layout common network topologies, and the type of cabling required for each. The course also includes hands on projects configuring both a bus and star network, constructing the appropriate cables, installing the proper connectors, and testing the system using standard testing equipment.	
Course Deactivation	ELCT 70	PC Operating System	3.0	48-54 hours lecture	This course provides the student with the necessary background working with MS-DOS 6.22 and MS-Windows 3.11 for Workgroups to successfully pursue the A+ certification program. This is a compressed 9-week, self-paced program that utilizes computer aided instruction (CAI) as the principle instruction tool.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 79A	Microsoft Certified Systems Engineer	4.0	48-54 hours lecture and 48-54 hours lab	This is the first of a series of courses required for Microsoft MCSE certification. Topics include installing Windows 2000 Professional, installing Windows 2000 by using Windows 2000 Server Remote Installation Services (RIS), deploy service packs, manage and troubleshoot access to shared folders, manage shared printers, configure Advance Power Management (APM), encrypt data by using Encrypting File System (EFS), manage hardware profiles, and configure and troubleshoot TCP/IP protocol.	
Course Deactivation	ELCT 79B	Microsoft Certified Systems Engineer II	4.0	48-54 hours lecture and 48-54 hours lab	The second in a series of courses required for Microsoft MCSE certification. Topics include: installing and configuring Microsoft Windows 2000 server; unattended installation of Windows 2000 server; Microsoft Windows 2000 file systems and advanced file systems; active directory services; administering Microsoft Windows 2000 server; administering print services; network protocols and services; routing and remote access services; Microsoft Windows 2000 security; monitoring and optimization; Microsoft Windows 2000 application servers.	
Course Deactivation	ELCT 80	Fiber Optics Cabling	3.0	48-54 hours lecture	This course is designed to introduce students to fiber optic communications, transfer equipment and cabling. Students will explore fiber optics theory, operation of transfer equipment, assembly and repair of fiber optic cabling.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 81	Soldering Theory and Techniques	1.0	16-18 hours lecture	This hands-on course is designed to provide the student basic soldering theory and techniques. Topics include: soldering theory, types of soldering irons, soldering iron tips, soldering guns, solder connections and unsoldering techniques. Course includes construction project.	
Course Deactivation	ELCT 83	Small Office/Home Office (SOHO) Networking	4.0	48-54 hours lecture and 48-54 hours lab	Small Office/Home Office (SOHO) course is designed for persons with little or no background in networking technologies to setup, operate, maintain and troubleshoot office/home Local Area Network (LAN). Topics include: Networking Components Identification and Installation, Installing, Configuring and Troubleshooting Basic Local Area Networks, Wireless Networking, Internet Access and Sharing, SOHO Network Security and Virus Protection, Microsoft Windows 2000/XP Network configuration and Resource Sharing, Video Conferencing for Telecommuters, and VoIP Networking.	
Course Deactivation	ELCT 84	Computer Networking	3.0	48-54 hours lecture	Students learn how to formulate network specifications, install, and maintain local area computer networks (LAN). Topics and activities include: fundamentals and protocols of data communications and communication architectures, selection, preparation, and installation of LAN cabling, network operating systems, and troubleshooting. Students will install and configure modems, connect telephone lines, operate modems, and transfer files. Satisfies computer industries' A+ certification requirements.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 86	Optoelectronics: Lasers	3.0	48-54 hours lecture	This high technology laboratory course emphasizes the principles and applications of lasers as used in telecommunications, consumer electronics, biomedical electronics, and industry. Topics include: Principles of lasers, laser optics, drive and modulation circuits, lasers and fiber optics links, and audio video subcarrier modulation.	
Course Deactivation	ELCT 88	Indust Process Control Applications	3.0	48-54 hours lecture	This course is designed to demonstrate a wide variety of electronic control systems and circuits which are controlled both manually and by use of the programmable logic controller (PLC). Topics include: motors and generators, control devices, timing control, motor control, counting, position control, servomechanisms, and applications and troubleshooting.	
Course Deactivation	ELCT 91	Microprocessor Interfacing	3.0	48-54 hours lecture	This course is designed to give the student a practical working knowledge of interfacing a microprocessor with external sensing and activator systems. Topics include: microprocessor basics, buses, address decoding, 68HC11 chip structure and internal features, instruction timing, switch decoding, interfacing with displays and adapters, I/O control techniques, data communications, serial/parallel conversion, interfacing to RAM, EPROMs, analog-to-digital and digital-to-analog devices. Offered Fall, Spring, and Summer. One hundred eight hours laboratory by arrangement.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ELCT 92	Microprocessor Applications	3.0	48-54 hours lecture	This course concentrates on specific applications related to instrumentation and physical measurement. Activities include: construct a microprocessor-controlled digital multi-meter (DMM), thermometer, light meter, and photometer. Analyze Hall-effect on linear position and velocity measuring circuits. Analyze how strain gauges are used to measure force. Design and construct a microprocessor/step motor interface and control circuit.	
Course Deactivation	ELCT 97	Telecommunications: Digital Communications	3.0	48-54 hours lecture	This high technology laboratory course is designed to provide a broad background in the use of digital devices used in telephony, as well as in general digital communications. Emphasis is placed on the telephone industry, both wireless and fiber optics telecommunications, and synthetic speech. Topics include: digital communications, the subscriber telephone, the central office, and digitized speech.	
Course Deactivation	ELCT 99	Telecommunications: Microwave Communications	3.0	48-54 hours lecture	This high technology laboratory course is designed to provide a broad background in the use of microwave transmitters, receivers, microwave components, and horn antennas. Emphasis is placed on microwave communications links. Topics include: voice, narrow band, audio wideband, television, video, fiber optics interfaces, pulse code modulation, and multiplexing signals. Offered Fall, Spring, and Summer. One hundred eight hours laboratory by arrangement.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	EMS 51	Emergency Medical Responder-Refresher	1.5	16-18 hours lecture and 24-27 hours lab	(Formerly ALDH 70B)This course provides refresher training for the re-certifying Emergency First Responder. Training includes basic emergency care skills, including patient assessment, CPR, automated external defibrillation, use of definitive airway adjuncts, splinting, and control of bleeding. Grade Option	
Course Deactivation	EMS 70	Advanced Emergency Medical Technician (AEMT)	4.0	56-63 hours lecture and 24-27 hours lab	Prerequisite: Copy of CA EMT License or NREMT License Equivalent. Per CA Title 22 Code of Regulations repeatability may be offered if unsuccessful licensure or license expiration occurs. The purpose of this course shall be to prepare eligible EMTs to render prehospital Limited Advanced Life Support (LALS)care within an organized EMS system under CA Title 22, Chapter 3 Code of Regulations	
Course Deactivation	EMS 71	Advanced Emergency Medical Technician (AEMT) Clinical	1.0	48-54 hours lab	Prerequisite: EMS 70 with a grade of "B" or better, and current CA EMT or NREMT Licensure. Per CA Title 22 Code of Regulations repeatability may be offered if unsuccessful licensure or license expiration occurs. This course is the first part of a student's internship in the AEMT program. This course includes lab hours at an acute care facility performing CA Title 22 Chapter 3 scope of care skills.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	EMS 72	Advanced Emergency Medical Technician (AEMT) Field Internship	2.5	120-135 hours lab	This course is the field internship portion of the Advance EMT program. Students will spend lab hours in the field with transport service performing Advanced Emergency Medical Technician skills. Prerequisite: EMS 71 with a grade of "B" or better, and current CA EMT or NREMT Licensure. Per CA Title 22 Code of Regulations repeatability may be offered if unsuccessful licensure or license expiration occurs.	
Course Deactivation	ENGL 149	Critical Reading	3.0	48-54 hours lecture	Prerequisite: ENGL 59 with a grade of 'C or better. A college reading course emphasizing interpretive, analytical, and evaluative abilities required for academic reading; college vocabulary, research and study skills.	
Course Deactivation	ENGL 50L	Laboratory-Enhance Study for English 50	1.0	8-9 hours lecture and 24-27 hours lab	A laboratory-enhanced study concurrent with ENGL 50 for students participating in the Student Support Services program. A practical course supplementing the process and function of expository writing, including a review of spelling, punctuation, diction, usage, and sentence structure.	
Course Deactivation	ENGL 50X	Writing Fundamentals	0.0		None	
Course Deactivation	ENGL 59	Effective Reading	3.0	48-54 hours lecture	The course is designed for students reading just below college level and preparing to take transfer level courses. Assignments focus on comprehension, analysis and evaluation of textbooks and other college level reading materials. Emphasis is placed on reading skills including study methods, vocabulary development and critical thinking. The strategies apply to a wide range of fields including drama, history, natural science and psychology.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ENGL 65	College Grammar	2.0	32-36 hours lecture	Prerequisite: ENGL 6. This course provides intensive college-level work on grammar, punctuation, and sentence mechanics. Grade option.	
Course Deactivation	ENGL 8	Reading Improvement	3.0	48-54 hours lecture	The course emphasizes the improvement of vocabulary and reading comprehension skills. Course work focuses on comprehension, analysis and evaluation of textbooks and other pre-college level reading materials. Assignments develop study strategies such as textbook marking, test taking and concentration.	
Course Deactivation	ESL 12C	Basic Internet	3.0	48-54 hours lecture	Class is designed for ESL students wishing to learn basic Internet skills for success in academic and job settings or for personal enrichment.	
Course Deactivation	ESL 13	High Beginning Reading and Vocabulary	3.0	48-54 hours lecture	Credit/No Credit. This course is designed for the non-native speaker of English with some competence in reading and vocabulary. The course focuses on reading abilities through the enhancement of vocabulary skills and cultural awareness. Emphasis is placed on developing a life-long ability to read for pleasure. American culture is introduced through newspapers, folk tales, short stories and cross-cultural readers. This course will not apply to the Associate Degree.	
Course Deactivation	ESL 3	Low Beg Read and Write	4.0	56-63 hours lecture and 48-54 hours lab	Students at this level demonstrate little or no competence in communicating through writing and little or no control of vocabulary, grammar and sentence structure. Course is designed to teach students basic alphabet and phonics, and to read and write simple stories. Students will copy text and/or generate words or simple phrases; develop awareness of appropriate word choice or correct form; write simple sentences in thematic units.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ESL 40	Advance Pronunciation	3.0	32-36 hours lecture and 48-54 hours lab	No prerequisite. Recommended preparation: Completion of ESL 30B and ESL 12A. Some internet skills advised. Grade Option. This course is the first in a series of two classes for high intermediate and advanced non native speakers of English wanting to improve their pronunciation skills in English. Students will learn to effectively improve pronunciation for clear and effective communication in social, academic, or job settings. Through structured activities, direct instruction, and lab work, students will be able to improve their skills in those areas that comprise pronunciation, rhythm patterns, and stress. Not Transferable. This course does not apply to the Associate Degree.	
Course Deactivation	ESL 40A	Low Advanced Pronunciation	3.0	48-54 hours lecture	Completion of ESL 30B an internet skills highly recommended. This course is the first in a series of two classes for high intermediate and advanced non native speakers of English wanting to improve their pronunciation skills in English. Students will learn to effectively improve pronunciation for clear and effective communication in social, academic, or job settings. Through structured activities, direct instruction, and lab work, students will be able to improve their skills in those areas that comprise pronunciation, rhythm patterns, and stress. Not Transferable. This course will not apply to the Associates Degree. Grade Option.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	ESL 5	Beginning Listening and Speaking	3.0	32-36 hours lecture and 48-54 hours lab	Credit/No Credit. This course is designed for the non-native speaker of English who has no ability or very little competence in speaking and listening. Emphasis is on developing students' ability to listen and understand basic English. Non verbal social customs are taught; non verbal behavior and cross cultural communication are taught implicitly through modeling, interaction and demonstration. This course will not apply to the Associate Degree.	
Course Deactivation	ETEC 107	Introduction to Internet	2.0	24-27 hours lecture and 24-27 hours lab	See cross listing for CIS 7. CSUA course for education students or current teachers to acquire the skills needed to effectively utilize the Internet in the classroom. Emphasis will be placed on computer-mediated communication and the World Wide Web. Students will become well versed in the use of Web browsers, FTP, newsgroups/asynchronous discussion, email, and chat/synchronous discussion.	CSU
Course Deactivation	ETEC 70	Leadership in Educational Technology	3.0	48-54 hours lecture	This course defines and details constructivist leadership, framing that leadership in terms of educational technology. Students will apply these concepts to their own settings through introductory understandings of knowledge management and virtual learning. Students will have the opportunity to formulate technology rollout and training plans specific to their educational organizations or fields.	
Course Deactivation	FIRE 106	Fire Company Org and Mgmt	3.0	48-54 hours lecture	Review of fire department organization, fire company organization, study of leadership and supervision with emphasis on communications, training, fire prevention, records and reports, and problem solving. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 18	Class A Foam Opr	1.0	16-18 hours lecture	Prerequisite: FIRE 80 (S-190). Credit/No Credit. This course is a n introduction to Class A fire fighting foams used in wildland fire fighting. Class room principles and field application techniques are featured. CDF certified.	
Course Deactivation	FIRE 20	I-333 Strike Team	1.0	16-18 hours lecture	This course will provide the fire fighter student with the information necessary to perform as a strike team leader in charge of a hand crew at wildland fire suppression operations. This course will not apply to the Associate Degree.	
Course Deactivation	FIRE 4A	Fire Fighter II Academy	2.0	16-18 hours lecture and 48-54 hours lab	This is a series of lectures and manipulative drills designed to enhance and improve the fire fighting student's skills in fire behavior, forcible entry, vehicle fire fighting, flammable gases and liquids fire fighting techniques, handling massive casualty incidents and performance testing techniques. Designed for today's paid call and career fire fighter seeking full-time employment and/or advancement within a public or private fire protection organization.	
Course Deactivation	FIRE 5	Chief's Workshop	1.0	16-18 hours lecture	This course provides the fire fighter student with current topics and challenges facing the fire service and chief officer's as supervisors. Topics include legal issues resulting from hazardous materials incidents, emergency medical protocols, terrorism, current management policies and procedures. CDF certified.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 5.1J	Volunteer Fire Officer Academy	2.0	32-36 hours lecture	This course is designed to provide the information and skills necessary for the fire fighter/and or driver operator who desire to promote to the rank of company officer; for company officers who desire to remain current with innovative management, leadership and human relations techniques; and for training officers who are responsible for teaching and developing officers and future officer candidates. This course is designed for the fire fighter student with essential fire fighter skills.	
Course Deactivation	FIRE 56	Fire Instructor 2B	2.5	40-45 hours lecture	Grade Option. This course is designed for the fire technology student who requires skills leading groups of people in staff meetings, group discussions, and training sessions to solve problems, determine objectives, generate new ideas and provide instruction to subordinates.	
Course Deactivation	FIRE 58	Introduction to Emergency Management	4.0	64-72 hours lecture	This course provides the history, terminology, goals and mission of the Emergency Management occupation and profession. The roles, responsibilities, lines of authority and characteristics of effective program managers are presented. Professional associations, federal support programs, model state practices and functional activities are also discussed.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 58A	Comm Disaster Plan	4.0	64-72 hours lecture	This course provides the student with the information and details to develop a community or company disaster plan. Topics of discussion include: developing a disaster plan for a company or community, developing a hazard analysis and capability assessment, building consensus, leveraging political assets to insure community readiness, and the process of adoption and revision. Students also will receive certificates from FEMA (Federal Emergency Management Agency):IS-15, Special Event Contingency Planning; IS-3, Radiological Emergency Preparedness; IS-324, Community Hurricane Planning; IS-11, Animals in Disasters, Community Planning.	
Course Deactivation	FIRE 58C	Emergency Mgmt Recovery	4.0	64-72 hours lecture	This course provides the student with the information and details of making the transition from response to recovery to a community disaster. Case studies examine mass fatality management, earthquakes, flooding and terrorism incidents. Students receive certificates of completion from FEMA for: IS-7, Citizen's Guide to Disaster Assistance; IS-208, State Disaster Management; IS-600, Special Considerations for FEMA Public Assistance Projects; IS-630, Introduction to the Public Assistance Process.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 5B	Fire Command 2B	2.0	40-45 hours lecture	This course prepares the fire fighting student with the information necessary to successfully manage a major hazardous materials incident within their jurisdiction. Areas of discussion include: information and data bases for hazardous materials; organizations, agencies and institutions involved with hazardous materials response and research; planning for your community's hazardous materials problems; legislation, litigation and liabilities of hazardous materials responses.	
Course Deactivation	FIRE 5C	Fire Command 2C	2.0	40-45 hours lecture	This course prepares the fire fighting student to manage a fire in small and large high rise buildings. Topics of discussion include: pre-fire planning; building inventory; problem identification; ventilation methods; water supply; elevators; life safety; fire fighting strategy and tactics; application of Incident Command System (ICS); and specific responsibilities of fire ground personnel. Case studies and simulation are featured. Applicable to large and small fire departments.	
Course Deactivation	FIRE 5D	ICS Scene Manager	1.5	24-27 hours lecture	This course provides important information needed for operating as a scene manager (incident commander) within the Incident Command System (ICS). Subjects include: incident briefing, incident planning, incident management, unified command, and incident demobilization.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 5E	Strike Team Leaders, Dozers	1.0	16-18 hours lecture	This course prepares the fire fighter student to work as a strike team leader in charge of a task force or strike team of dozers for wild land fire control within the incident command system. This fire fighter course discusses duties, responsibilities, procedures and materials involved in the operation of the dozer strike team and the function of the strike team leader. National Wild Land Fire Coordinating Group certified. Certification fee $5.	
Course Deactivation	FIRE 5F	Inmate Fire Crew Supervisor	3.0	40-45 hours lecture and 48-54 hours lab	This course prepares the fire fighter student with the skills and information necessary to work within the Incident Command System (ICS) as an inmate fire crew supervisor. Responsibilities, duties and materials required to operate and manage an inmate fire crew are presented. Wild land fire tactics and strategies for hand crews and hand crew fire safety are featured. National Wild Land Coordinating Group certified. Certification fee, $5.00.	
Course Deactivation	FIRE 5G	S-356 Supply Unit Leader	1.0	16-18 hours lecture	This course provides the fire fighter student with information to perform the tasks of the Supply Unit Leader within the Incident Command System (ICS).I. CDF certified. Northwest Coordinating Group approved.	
Course Deactivation	FIRE 5H	Food Unit Leader	1.5	16-18 hours lecture and 24-27 hours lab	This course prepares the fire fighter student with the skills and information necessary to work within the Incident Command System (ICS) as a food unit leader. Responsibilities, duties and materials required to operate and manage a food unit are presented. National Wild Land Coordinating Group certified.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 60B	Advanced ICS I-400	1.0	16-18 hours lecture	This course will emphasize large scale organization development, roles and relationships of the primary command staff; the planning, operational, logistical and fiscal considerations related to command of a large and complex incident. Fire Service Training and Education Program (FSTEP) certified.	
Course Deactivation	FIRE 60C	Incident Safety Ofc	1.5	24-27 hours lecture	This course prepares the fire fighter student to work as a safety officer within the Incident Command System, with emphasis on unsafe and hazardous conditions at emergency scenes. Fire Service Training and Education Program (FSTEP) certified.	
Course Deactivation	FIRE 60E	Div Group Supv	1.0	16-18 hours lecture	This course will provide the information necessary to support the specific tasks of the Division/Group Supervisor position within the Incident Command System. North West Coordinating Group certified.	
Course Deactivation	FIRE 60F	ICS-334	1.0	16-18 hours lecture	This course describes and explains the basic responsibilities of an Engine Strike Team Leader. Topics of discussion include: the strike team concept; types of strike teams; pre-incident responsibilities; assembly and travel; incident arrival; check-in; assigned/available status; out-of-service status; demobilization/release.	
Course Deactivation	FIRE 61C	Helispot Manager	0.5	8-9 hours lecture	This course will provide the fire fighter student with an overview and the information about responsibilities, procedures and materials required to function as a Helispot Manager within the Incident Command System. North West Coordinating Group certified.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 61D	Resource/Demo Ldr	2.0	32-36 hours lecture	This course prepares the fire fighter student to work as a resource unit leader/demobilization unit leader within the Incident Command System. The responsibilities, duties and materials required to function in this position are discussed. North West Coordinating Group certified.	
Course Deactivation	FIRE 61E	Check in Recorder	0.5	8-9 hours lecture	This course will provide the fire fighter student with the information required to function in the position of Check-In/Status Recorder within the Resources Unit of the Incident Management System (ICS). North West Coordinating Group certified.	
Course Deactivation	FIRE 65O	Campbell Prediction	1.0	16-18 hours lecture	This course is designed for the fire fighter and fire officer who want to know why, when and where wildland fire behavior will change, and how to make these predictions to apply safe and effective tactics or evacuate a dangerous area and learn a system to effectively communicate these predictions to others. California Department of Forestry certified.	
Course Deactivation	FIRE 6A	BFEO Academy, CDF	3.5	48-54 hours lecture and 72-81 hours lab	This course provides the student with the information and skills to safely drive and operate fire apparatus and fire pumps and provide initial attack incident control capabilities according to California Department of Forestry standards and policies.	
Course Deactivation	FIRE 6B	Fire Attack I	1.0	16-18 hours lecture	Fire Attack I is designed to provide the fire fighter with the latest information, tactics and strategies for combating structural fire incidents. Focus is on the decisions and responsibilities the first arriving company officer must consider to successfully mitigate the incident.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 6C	Leadership Fundamentals	2.0	32-36 hours lecture	This course is designed to prepare the fire fighter student within the California Department of Forestry to take a new position of company officer by providing skills in supervision and management. Topics include motivation, communication, discipline, leadership, time management, and team building. This course will not apply to the Associate Degree.	
Course Deactivation	FIRE 79	Fire Investif 1B	2.5	40-45 hours lecture	This course provides the participants with information to achieve a deeper understanding of fire investigation. This course builds on Investigation 1A and adds topics of discussion including the juvenile fire setter, report writing, evidence collection and preservation procedures.	
Course Deactivation	FIRE 7A	1st Responder Medical-Refresher	1.0	16-18 hours lecture and 8-9 hours lab	A 24-hour refresher course approved by the State Board of Fire Services and California State Fire Training for Recertification of first responders to medical emergencies.	
Course Deactivation	FIRE 81B	EMT-1 Ce: Recert	0.5	8-9 hours lecture and 24-27 hours lab	This course provides the student with the information skill development and testing requirements for recertification qualification for Emergency Medical Technician 1 and qualifies for continuing education credit.	
Course Deactivation	FIRE 83	Fire Mgmt 2C	2.0	32-36 hours lecture	This course provides the fire fighter student with knowledge and insight into fire fighting personnel, human resources, and diversity management. Legal mandates, labor relations, and related areas are explored with a focus on human resource management and individual employee development strategies.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 84	Fire Command 2A	2.0	40-45 hours lecture	The principles of disaster planning and the role of the fire department are discussed. Emergency Operation Centers (EOC), the role of Federal Emergency Management Administration (FEMA), mutual aid, legal considerations, and mitigation techniques are topics covered. Case studies are examined and simulation exercises are featured.	
Course Deactivation	FIRE 85	Fire Management 2A	2.0	40-45 hours lecture	This course provides the student with information on how to make the transition from supervisor to manager. Topics of discussion include internal and external influences; personality traits of fire fighters; managing human relations; group dynamics; conflict solution and more. This course applies to Chief Officer Certification. California Fire Service Training and Education System (CFSTES) approved.	
Course Deactivation	FIRE 87	Fire Management 2E	2.0	40-45 hours lecture	Designed for Fire Chief Officers, Company Officers and functional managers, this course provides an overview of current issues and concepts of today's modern fire service. Topics include: governmental relations, changing "settings/policy formation", program management, personnel/labor relations, and the legal environment.	
Course Deactivation	FIRE 91	Fire Control V	1.5	24-27 hours lecture	This course provides the fire fighter student with the information, methods and techniques necessary for providing crash fire rescue services (CFR) at airports. Subjects include: utilizing conventional fire and specialized apparatus, CFS extinguishing agents, types of aircraft, standby procedures and operations at airports. Actual fire fighting and simulation is featured.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	FIRE 93	Fire Management 2D	2.0	40-45 hours lecture	This course provides participants with information and discussion centering around program planning, master planning, forecasting, system analysis, system design, policy analysis, and other topics. Applies to Chief Officer certification. State Fire Marshal accredited.	
Course Deactivation	FIRE 94	Fire Command 2D	2.0	40-45 hours lecture	The principles of disaster planning and the role of the fire department are discussed. Emergency Operation Centers (EOC), the role of Federal Emergency Management Administration (FEMA), mutual aid, legal considerations, and mitigation techniques are topics covered. Case studies are examined and simulation exercises are featured.	
Course Deactivation	FIRE 98	Fire Company Officer's Academy	1.5	24-27 hours lecture	This forty hour course is designed for the fire fighter student in order to provide students with a brief but comprehensive overview of the responsibilities of a fire department company officer. Emphasizes fundamental techniques of personnel management, supervision and leadership. Topics covered include: motivating, coaching and counseling subordinates; basic fire ground principles; and fire ground tactics and strategies at the company officer level.	
Course Deactivation	GEOL 102	Historical Geology	4.0	40-45 hours lecture and 48-54 hours lab	A study of the chronological development of the surface of the earth and of the corresponding evolution of life. Of vital importance to the course is a thorough understanding of the concepts of geologic time, biological classification, and evolution. Emphasis is placed on historical development of North America. CSU,UC	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	GEOL 103	Geology of California	3.0	48-54 hours lecture	A survey of the physical and historical geology of the 12 distinct geologic provinces of the state. Greatest emphasis is placed on the most important structural, scenic, and economic details of each region, and upon the provinces of Southern California. CSU,UC	CSU, UC
Course Deactivation	GUID 75	Career Planning for the Disabled	1.0	16-18 hours lecture	This course is designed to offer students with disabilities a practical orientation in career selection and development of skills in job placement.	
Course Deactivation	HIST 10	Exploring the Mojave Road	0.5	24-27 hours lab	A driving tour of the historic Mojave Road that will take students from Needles to Barstow. Along the route, students will visit sites in the Fort Paiute, Lanfair Valley, Camp Rock Springs, Cima, Soda Springs, Afton Canyon, and Camp Cady areas. Throughout the tour, students will learn of the historical and political significance and contributions to the development of the road, as well as reasons for intermittent conflicts leading to periods of abandonment.	
Course Deactivation	HIST 115H	History of California	3.0	48-54 hours lecture	Prerequisite: Eligibility for ENGL 101/H101 Recommended preparation: HIST 50. A comprehensive study of California history, including native culture, the Mission era, the Ranchos, the Mexican War and the US conquest, and the era of US control. Economic, environmental and social issues are identified and discussed. CSU, UC.	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	HIST 157	Native American History	3.0	48-54 hours lecture	Recommended preparation: HIST 117, 118 and ENGL 101. CSU, UC. This is an overview of Native cultures from Mexico to the Arctic, and a history of Native peoples since European contact. It deals with native societies, the Indian Wars, and contemporary issues. This course begins with an overview of methodological issues and proceeds through ethnographic information on the major regions of the North American supercontinent to a discussion of the era of European contact and contemporary issues.	
Course Deactivation	KIND 152	Dance Choreography I	3.0	32-36 hours lecture and 48-54 hours lab	This course is designed to introduce students to the basic elements of dance choreography. Choreography students will work in solo and small groups by using concepts of space, time, and energy to investigate and explore the basic elements of dance. Grade option. CSU, UC	CSU, UC
Course Deactivation	MATH 119	Finite Mathematics	3.0	48-54 hours lecture	Prerequisite: MATH 90 or Math 66 with a grade of 'C' of better. This course covers linear functions and modeling, matrix operations (addition, subtraction, multiplication and inverses), systems of linear equations and inequalities, introductory linear programming, sets and counting techniques, probability theory, Markov chains, game theory and logic. Offered in Fall terms. CSU, UC	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	MATH 216	Business Calculus	4.0	64-72 hours lecture	Prerequisite: Math 105 or Math H105 or Math 119. This course is designed for students majoring in Business and Economics. Topics covered include functions and relations, limits and continuity, differentiation, applications of differentiation, integration, and applications of integration. NOTE: Math 216-Business Calculus and Math 226-Calculus and Analytic Geometry I are not the same class. CSU.	CSU
Course Deactivation	MATH 30	Mathematics for Health Sciences	4.0	64-72 hours lecture	Review of fractions, decimals, whole numbers and percentages. Introduction to the apothecary, metric and household systems of measurement; applications involving oral, intravenous and intramuscular medication administration; system conversions; respiratory care calculations.	
Course Deactivation	MATH 60	Geometry	4.0	64-72 hours lecture	Prerequisites: MATH 50 with a grade of "C" or better and ENGL 50 with a grade of "C" or better. Grade Option. This course covers Euclidean plane geometry and the development of logical thinking; it also develops visualization skills, including congruence, similarity, parallel lines, circle properties, and constructions.	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	MATH 66	Pre-College Mathematics	6.0	96-108 hours lecture	This course is designed to serve as preparation for the study of College Algebra, Statistics, Trigonometry and other college mathematics courses. Topics include a review of the real number system, an introduction to imaginary and complex numbers, the solution of first degree, quadratic and systems of equations, polynomials, rational expressions, rational exponents and radicals, graphs of functions (both linear and nonlinear) and of relations, and exponential and logarithmic functions and their applications.	
Course Deactivation	MATH 70	Math Experience for Children K-8	3.0	32-36 hours lecture and 48-54 hours lab	This course emphasizes the development of explorations in mathematics appropriate for the school-age child. The course covers the sequence of topic acquisition, motivating concepts, disguising repetition, project development, group appropriate activities, evaluation techniques and the building of mathematical materials that support discovery.	
Course Deactivation	MATH 71	Guided Discoveries Practicum	2.0	96-108 hours lab	This course is a laboratory course that provides opportunity to those interested in teaching elementary school, or being a teacher's aide in mathematics, to gain experience preparing and presenting guided experiences for students of elementary age.	
Course Deactivation	PHYS 204H	Honors Engineering Physics	4.0	48-54 hours lecture and 48-54 hours lab	Course material includes the nature and propagation of light, reflection and refraction, interference, diffraction, gratings and spectra, relativity, elements of quantum physics, waves and particles, nuclear physics. CSU, UC (UC Credit limitation)	CSU, UC

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	PSYC 101H	Honors Introductory Psychology	3.0	48-54 hours lecture	Eligibility for English 101 is recommended. This course provides instruction in the nature of human behavior and a consideration of theories and principles pertaining to the topics of research design and experimentation, perception, emotions and motivation, personality, social psychology, psychopathology, human development, learning, cognition and memory. Includes essential features of the biological and neurological basis of behavior. CSU, UC	CSU, UC
Course Deactivation	PSYC 110H	Honors Developmental Psychology	4.0	64-72 hours lecture	Prerequisite: Enrollment in Honors course requires acceptance into the Honors Program or prior approval of instructor. This course includes the study of the theories, methods, and research findings regarding biosocial, cognitive, and psychosocial development of the individual from conception through adulthood including death, dying, and bereavement. CSU	CSU
Course Deactivation	RMGT 9	Concepts in Sanitation	0.5	8-9 hours lecture	This course provides the student with the safety and sanitation principles of food service. Three areas of potential risk--food safety, responsible alcohol service and employee and customer safety are discussed with a focus on a manager's role in assessing risks, establishing policies and training employees. This course is designed to meet current professional organization certification requirements and prepares the student for the National Food Certification examination (ServSafe).	

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	RMGT 92	Legal Aspects of Foodservice Management	3.0	48-54 hours lecture	This course focuses on the fundamentals of laws relating to the hospitality industry. Basic components of hospitality law regulations and civil rights, foodservice liability, safety, security, contracts and business law topics are examined.	
Course Deactivation	RSPT 241	Basic Princ of RT	5.0	168-189 hours lab	A self-paced equivalent to RSPT 231 for students meeting the advanced placement criteria. Successful completion requires demonstration and mastery of the classroom, laboratory, and clinical objectives equivalent to RSPT 231. CSU	CSU
Course Deactivation	RSPT 242	RT Application/Proced	5.0	168-189 hours lab	A self-paced equivalent to RSPT 232 for students meeting the advanced placement criteria. Successful completion requires demonstration of mastery of the classroom, laboratory and clinical objectives equivalent to to RSPT 232. CSU	CSU
Course Deactivation	SPAN 102B	Elementary Spanish	3.0	48-54 hours lecture	Prerequisites: SPAN 101 or SPAN 101A and SPAN 101B and SPAN 102A) Span 102A and Span 102B must be taken to receive credit for Span 102. This course is a continuation of SPAN 102A. Further study of pronunciation, structure and Hispanic culture are studied to develop the ability to use and understand basic spoken and written Spanish. CSU	CSU
Couse Deactivation	SPAN 102A	Elementary Spanish	3.0	48-54 hours lecture	Prerequisites: Span 101 or Span 101A and 101B. This course is a continuation of Spanish 101 or 101A and 101B. Further study of pronunciation, structure and Hispanic culture are studied to develop the ability to use and understand basic spoken and written Spanish. Spanish 101A and 101B (or 101) must be taken in order to advance to 102. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	SPAN 110	Spanish for Spanish Speakers	3.0	48-54 hours lecture	Designed to fulfill the particular needs of bilingual students with special emphasis on the grammar of the language and the development of writing, reading and speaking. Conducted in Spanish.	
Course Deactivation	SPAN 126	Conversational Spanish II	3.0	48-54 hours lecture	Prerequisite: SPAN 125 or the ability to speak Spanish with a level of fluency equivalent to completion of SPAN 125. This is the second of two courses designed to increase listening comprehension and speech skills in everyday conversational situations in Spanish. Course designed for non-native speakers of the language. This course is an introduction to more complex Spanish structures and grammar with emphasis on the spoken language. CSU.	
Course Deactivation	SPAN 130	Spanish for Health Professionals	3.0	48-54 hours lecture	This course provides basic conversational skills for nursing and healthcare students, as well as other medical and hospital personnel, who must communicate quickly and effectively with Spanish-speaking patients. Conducted in Spanish and English. CSU	CSU
Course Deactivation	SPAN 131	Spanish for Health Professionals II	3.0	48-54 hours lecture	Prerequisite: SPAN 130. Grade Option. This course is a continuation of SPAN 130. It provides intermediate conversational skills for nursing and healthcare students, as well as other medical and hospital personnel who must communicate quickly and effectively with Spanish-speaking patients. Conducted in Spanish and English. CSU	CSU

Reason	Course	Title	Units	Hours	Description	Transfer
Course Deactivation	SPAN 135	Spanish for Business	3.0	48-54 hours lecture	This course is designed to give students a foundation in Spanish business terminology and prepare them with the knowledge necessary to function in business and professional settings in Spanish speaking countries and where Spanish is used in the U.S. Emphasis will be placed on acquiring basic communication skills and specialized vocabulary on topics related to business and finance. Course is conducted mainly in Spanish. CSU	CSU