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CATALOG SUPPLEMENT 2003-05

The Merritt College Catalog Supplement for 2003-05 is a summary of additions, deactivations, and changes that have been made in curriculum and policies affecting students since the publication of the 2003-05 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term. While all of the curriculum additions and changes contained in this supplement were made during the 2003-04 academic year, many are not effective until the Fall 2004 or Spring 2005 term. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title. These notations are as follows: M03 = Summer 2003, F03 = Fall 2003, S04 = Spring 2004, M04 = Summer 2004, F04 = Fall 2004, and S05 = Spring 2005.

ACCURACY STATEMENT

Merritt College endeavors to present its programs and policies to the public accurately and fairly. Those responsible for the preparation of the Catalog, the Catalog Supplement, and Schedules of Classes, and all other public announcements make every effort to ensure that the information presented is correct and up-to-date. However, the College reserves the right to add, amend, or repeal the curriculum and any rules, regulations, policies and procedures. The College assumes no responsibility for program changes or publication errors beyond its control.
COURSE ADDITIONS
BIOL 23. +Introduction to the Human Body
3 units, 3 hours lecture
Course is equivalent to Biol 24 without the lab; it does not meet Allied Health requirements for an anatomy and physiology course.
Acceptable for credit: CSU, UC
Fundamentals of structure and function of the human body with an emphasis on medical and health aspects.
0410.00 S04
AA/AS area 1; CSU area B2; IGETC area 5B

BIOL 60A. +Natural History of the Bay Area: The State Parks, Part I
.5-7 units, .5-7 hours lecture
Also offered as Envst 60A. Not open for credit to students who have completed or are currently enrolled in Envst 60A.
Acceptable for credit: CSU
Survey of the natural history of the Bay Area: Climate, geology, geologic history, geomorphology, flora and fauna of selected Bay Area State Parks including Eastshore, Butano, Sugarloaf Ridge, and Henry W. Coe State Parks.

CHDEV 80. Diversity Issues in Child Care
2 units, 2 hours lecture
Acceptable for credit: CSU
Practical applications and theories that address issues of diversity: Recognizing and confronting barriers that interfere with the ability to dialog effectively with people who differ from oneself while examining the societal systems through which children grow and develop.
1305.10 F04

COUN 24. +College Success
3 units, 3 hours lecture
Also offered as Lrnre 24. Not open for credit to students who have completed or are currently enrolled in Lrnre 24.
Acceptable for credit: CSU, UC (pending)
Recommended preparation: Engl 201B
Identification and development of resources that facilitate college success: High-performance learning utilizing information organization and management, critical-thinking and problem-solving skills, effective time management, learning styles and strategies and memory theory, goal setting and educational planning, and campus/community resources.

COUN 57. +Career and Life Planning
3 units, 3 hours lecture
Also offered as Lrnre 57. Not open for credit to students who have completed or are currently enrolled in Lrnre 57.
Acceptable for credit: CSU
Recommended preparation: Engl 201B
In-depth career and life planning: Self-exploration, identifying values, interests, needs and goals, development of skills for assuming careers and lifestyles over the life span, influence of career choice on the quality of life and the development of a career action plan. Designed to assist those students considering the transition of a career change or undecided about the selection of a college transfer major.

COUN 200A. +Orientation to College
.5 units, .5 hours lecture
Information for new students: College programs, policies and procedures, campus resources and assessment.

COUN 200B. +Orientation to College
.5 units, .5 hours lecture
Recommended preparation: Coun 200A
Educational planning and college success skills: Development of a Student Educational Plan (SEP) with a counselor and introduction to topics such as time management, study skills, note-taking, and test-taking techniques.

COUN 207A. +Career Exploration
1 unit, 1 hour lecture
Career decision making: Exploration and clarification of values, skills, and goals to facilitate informed and realistic career choices, and introduction to personal and occupational assessment tools.

COUN 207B. +Career Exploration
1 unit, 1 hour lecture
Occupational assessment tools: Practice in networking, informational interviews, research on employment opportunities and trends, and resources used in job search.

COUN 207C. +Career Exploration
1 unit, 1 hour lecture
Job search skills: Resumes, cover letters, telephone skills, and interviewing techniques.
COUN 221. +Preparing for College/University Transfer
.5 units, .5 hours lecture
In-depth information and assistance with the transfer process to four-year colleges and universities: Lower-division major and general education requirements, college/university selection, admission procedures, application deadlines, financial aid, and scholarship information. Students will receive the information necessary to develop a Student Educational Plan (SEP) for transfer. 4930.10 F04

COUN 224. +College Preparedness
2-3 units, 2-3 hours lecture
Recommended preparation: Coun 200A and 200B
Acquisition of college success skills: Time management, good study habits, effective note taking, goal-setting strategies, educational planning, and use of library and other learning resources. 4930.10 F04

ENVST 60A. +Natural History of the Bay Area: The State Parks, Part I
.5-7 units, .5-7 hours lecture
Also offered as Biol 60A. Not open for credit to students who have completed or are currently enrolled in Biol 60A. Acceptable for credit: CSU
Survey of the natural history of the Bay Area: Climate, geology, geologic history, geomorphology, flora and fauna of selected Bay Area State Parks including Eastshore, Butano, Sugarloaf Ridge, and Henry W. Coe State Parks. 4901.00 F04

FISCI 201. +Fire Service Organization
3 units, 3 hours lecture
Introduction to fire service organization and careers in the fire protection field: Fire technology and history of fire service, organization and function of public and private protection services, fire department as part of local government, laws and regulations affecting fire service, fire service nomenclature, specific fire protection, fire loss analysis, basic fire chemistry and physics, introduction to fire strategy and tactics, and Incident Command System. 2133.50 F04

FISCI 202. +Fundamentals of Fire Prevention
3 units, 3 hours lecture
Fundamentals of fire prevention: History and philosophy of fire prevention, organization and operation of fire prevention organizations, use of fire codes, identification and correction of fire hazards, the relationship of fire prevention to built-in fire protection systems, fire investigation, and fire safety education. 2133.50 F04

FISCI 203. +Building Construction for Fire Protection
3 units, 3 hours lecture
Fundamentals of building construction that relate to fire and life safety: Elements of construction and design of structures as key factors in building inspections, pre-planning of fire operations, and operations at fire and building-collapse emergencies; development and evolution of building and fire codes and study of past fires and building collapses in residential, commercial, and industrial occupancies. 2133.50 F04

FISCI 204. +Fire Behavior and Combustion
3 units, 3 hours lecture
Recommended preparation: Math 250 or 251D or 253
Theory and fundamentals of how and why fires start, spread, and are controlled: In-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire-control techniques. 2133.50 F04

FISCI 205. +Fire Protection Equipment and Systems
3 units, 3 hours lecture
Fundamentals of design and operation of fire detection and alarm systems: Heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, portable fire extinguishers, and design and installation requirements. 2133.50 F04

FISCI 206. +Fire Fighter Safety and Public Education
3 units, 3 hours lecture
Fundamentals of assessing fire dangers and the handling of common fire situations in the home and in the workplace: Common fire and health hazards, risk abatement and preparation for unforeseen fire emergencies, and roles and responsibilities in educating the public on fire safety. 2133.50 F04

FISCI 208. +Fire Fighter I Certification – Preparation A
4 units, 3 hours lecture, 4 hours laboratory
Prerequisite: Fisci 201 & 202 & 203 & 204 & 205
Introduction to the use of fire fighting equipment and rescue techniques: Personal protective equipment, lifting and hoisting equipment, ground ladders, hoses, nozzles, fittings, various rescue techniques; and manipulative training in ropes, ladders, hose and extrication equipment. 2133.50 F04
FISCI 209. +Fire Fighter I Certification –Preparation B
4 units, 3 hours lecture, 4 hours laboratory
Prerequisite: Fisci 208
Advanced manipulative and technical training in the use of fire fighting equipment, fire-attack procedures, and rescue operations: Hose and ladder evolutions; fire protection systems; basic salvage and overhaul techniques; forcible entry; wildland, interior, house and flammable liquid fire-attack procedures; and fire-control, ventilation, and extinguishment techniques for various situations. 2133.50 F04

FISCI 220. +Fire Investigation
3 units, 3 hours lecture
Prerequisite: Fisci 204
Recommended preparation: Math 250 or 251D or 253
Theory and fundamentals of fire investigation and the processes and procedures involved: Legal search and seizure; burn-pattern analysis, collection of evidence, and ignition sources; fire investigations of structures, vehicles, and wildland; report writing; and testifying in court as a fire-cause and fire-origin expert. 2133.50 F04

FISCI 221. +Aircraft Rescue and Firefighting Control V
1 unit, 10 term hours lecture, 30 term hours laboratory
Basic training for the airport firefighter: Response to an incident, fire suppression and control and use of extinguishing agents; evacuation and rescue process, and post-emergency operations such as salvage and scene preservation. 2133.50 F04

FISCI 222. +Confined Space Awareness and Rescue
.5 units, .5 hours lecture
Basic training for the firefighter involving awareness of confined-space dangers and entry and rescue in confined spaces: CAL-OSHA codes governing confined spaces; confined-space identification and atmospheric and physical hazards; and equipment, techniques, procedures, and operational positions used in confined-space rescue operations. 2133.50 F04

LANHT 15. +Botany
4 units, 3 hours lecture, 3 hours laboratory
Also offered as Biol 5. Not open for credit to students who have completed or are currently enrolled in Biol 5.
Acceptable for credit: CSU, UC (pending)
Introductory study of the structure, physiology, genetics, ecology and uses of plants. Laboratories emphasize microscopy, physiology experiments, and field identification. 0109.00 F04
AA/AS area 1; CSU area B2, B3; IGETC area 5B, 5C

LANHT 36A-C. +Natural Building
3 units each level, 2 hours lecture, 3 hours lab
Acceptable for credit: CSU
Building and design techniques which use energy-efficient, local, natural, sustainable, and accessible materials with a focus on urban applications: Historical and current uses of natural building materials, hands-on experience, guest lecturers, and tours of local projects. 36A: Appropriate site-specific materials and construction of natural building foundations and small projects (benches, ovens, walls). 36B: Site assessment, design sketches, and construction of natural building roof systems and small projects (natural plasters, rammed earth). 36C: Independent student projects and construction of poured adobe flooring and natural building walls with plastering. 0109.00 F04

LANHT 37. +Advanced Identification of California Native Plants
2 units, 1 hour lecture, 3 hours laboratory
Recommended preparation: Lanht 5
Acceptable for credit: CSU
Advanced identification of California native plants: Native plant materials for use in new low-maintenance and environmentally appropriate gardens. 0109.00 F04

LANHT 38. +Native Plant Habitats
2 units, 2 hours lecture
Acceptable for credit: CSU
Principles and practices of native plant habitats: Exploration of the major plant habitats in California and examples of native plants found in those habitats; study of the major components that define a plant habitat, such as climate, soil, water, exposure, plant associations, etc.; native plants recommended for various garden situations. 0109.00 F04

LANHT 39. +Plant Materials Review
1.5 units, 1.5 hours lecture
Recommended preparation: Lanht 2, 3, 4 and 5
Acceptable for credit: CSU
Field review of native and exotic trees, shrubs, groundcovers and vines typically used in Bay Area landscaping: Overview of recognition techniques and identification clues while studying live specimens. 0109.00 F04
LANHT 207. +Special Projects in Landscape Horticulture  
2-6 units, 1-4 hours lecture, 3-6 hours laboratory  
Course study under this section may be repeated three times.  
Special projects in landscape horticulture: Provides hands-on experience with projects ranging from plant propagation and greenhouse operations to design, construction, irrigation, installation and maintenance of community gardens as well as California native and non-native gardens.  0109.00 F04

LANHT 208. +Growing and Using Herbs in the Landscape  
1 unit, 1 hour lecture  
Comprehensive study of growing and using herbs for culinary, medicinal, and ornamental use: Herb identification and usage; annual and perennial herbs; planting, caring for, and propagation of herbs; creating crafts from herbs; and designing an herb garden.  0109.00 F04

LANHT 250. +Basic Gardening for Fall  
1 unit, 1 hour lecture  
Non-degree applicable  
Basic gardening for fall: Plant identification, pruning, plant problems, fertilization, planting, transplanting, plant propagation, soils and plant nutrition, landscape construction, irrigation installation and maintenance, small engine maintenance and repair, tool handling, safety, and turfgrass maintenance with an emphasis on garden management practices.  0109.00 F04

LANHT 251. +Basic Gardening for Spring  
1 unit, 1 hour lecture  
Non-degree applicable  
Basic gardening for spring: Plant identification, pruning, plant problems, fertilization, planting, transplanting, plant propagation, soils and plant nutrition, landscape construction, irrigation installation and maintenance, small engine maintenance and repair, tool handling, safety, and turfgrass maintenance with an emphasis on garden management practices.  0109.00 F04

LANHT 252. +Basic Gardening for Summer  
1 unit, 1 hour lecture  
Non-degree applicable  
Basic gardening for summer: Plant identification, pruning, plant problems, fertilization, planting, transplanting, plant propagation, soils and plant nutrition, landscape construction, irrigation installation and maintenance, small engine maintenance and repair, tool handling, safety, and turfgrass maintenance with an emphasis on garden management practices.  0109.00 F04

RLEST 4B. +Advanced Legal Aspects of Real Estate  
3 units, 3 hours lecture  
Prerequisite: Rlest 4A  
Acceptable for credit: CSU  
Advanced legal aspects of real estate: Nature and classes of property, contracts, encumbrances, and leases; and principles of law applied to real estate.  0511.00 F04

RLEST 10. +Real Estate Mathematics  
3 units, 3 hours lecture  
Prerequisite or corequisite: Rlest 2A  
Acceptable for credit: CSU  
Real estate mathematics: Study to assist the student with the mathematics portion of the licensing examination and to assist the agent in his/her everyday transactions.  0511.00 F04

RLEST 13. +Real Estate Exchanges and Exchange Taxation  
3 units, 3 hours lecture  
Prerequisite or corequisite: Rlest 2A  
Acceptable for credit: CSU  
Introduction to the theory, mechanics, and tax aspects of real estate exchanges: Balancing equities, contacts, and escrow procedures.  0511.00 F04

SPCH 10. +Gender and Communication  
3 units, 3 hours lecture  
Acceptable for credit: CSU and UC (pending)  
Exploration of the relationship between gender and communication: Interpersonal, mediated, social, organizational, and cultural contexts; gender in public and private settings, media images, and personal identities.  1506.00 S04  
AA/AS area 2, 4d; CSU area D
COURSE CHANGES
AND
DEACTIVATIONS
CHANGE FROM:

AFRAM 45. Religion and the African-American Church in America
   AA/AS area 3, 5; CSU area D; IGETC area 4

ANTHR 7. Anthropological Perspectives: Magic, Religion and Witchcraft
   AA/AS area 3; CSU area D; IGETC area 4

Art 15. California Art History, 1850-2000
   Acceptable for credit: CSU, UC (pending)
   AA/AS area 3, 5; CSU area C1; American Cultures (UCB)

Art 52. Intermediate Painting
   Acceptable for credit: CSU, UC (pending)

Art 53. Advanced Painting
   Acceptable for credit: CSU, UC (pending)

ART 65A-D. Botanical Drawing
   Exploration through drawing of basic plant structures:
   Recording details of various plant forms; emphasis on
   rendering form, color, and texture with graphite, colored
   pencils, and watercolor.

BIOL 5. Plant Biology

BIOL 36. Human Genetics
   Acceptable for credit: CSU, UC (pending)
   AA/AS area 1; CSU area B2, B3

BLDGM 248NA-TZ. Selected Topics in Building Maintenance

BUS 79. Internet Commerce

CHEM 1A. General Chemistry
   Atomic theory, chemical bonding, states of matter,
   dispersed systems; may include thermodynamics and
   organic chemistry.

CHEM 1B. General Chemistry
   Electrochemistry, kinetics, equilibrium, thermochemistry,
   acid base theory, systematic survey of chemistry of
   metals and non-metals; may include organic and nuclear
   chemistry. Laboratory may include qualitative analysis of
   selected cations and anions.

CHANGE TO:

AFRAM 45. Religion and the African-American Church in America
   AA/AS area 2, 3, 5; CSU area D; IGETC area 4

ANTHR 7. Anthropological Perspectives: Magic, Religion and Witchcraft
   AA/AS area 2, 3; CSU area D; IGETC area 4

Art 15. California Art History, 1850-2000
   Acceptable for credit: CSU, UC
   AA/AS area 3, 5; CSU area C1; UCB American Cultures

Art 52. Intermediate Painting
   Acceptable for credit: CSU, UC

Art 53. Advanced Painting
   Acceptable for credit: CSU, UC

ART 65A-D. Botanical Drawing
   Exploration through drawing of basic plant structures:
   Recording details of various plant forms; emphasis on
   rendering form, color, and texture with graphite, ink pen,
   colored pencils, and watercolor.

BIOL 5. Botany
   Add statement to catalog entry:
   Also offered as Lanht 15. Not open for credit to
   students who have completed or are currently enrolled
   in Lanht 15.

BIOL 36. Human Genetics
   Acceptable for credit: CSU, UC
   AA/AS area 1; CSU area B2, B3; IGETC area 5B, 5C

Delete entry from catalog; added in error

CHEM 1A. General Chemistry
   General principles of chemistry: Measurements, atomic
   theory, chemical nomenclature, chemical composition,
   stoichiometry, reactions in aqueous solution, thermo-
   chemistry, electron configurations, periodic properties,
   chemical bonding, gases, liquids, solids, and solutions.
   S05

CHEM 1B. General Chemistry
   General principles of chemistry: Kinetics, equilibrium,
   acid-base equilibria, buffers, solubility equilibria, entropy
   and free energy, electro-chemistry, nuclear chemistry,
   coordination chemistry, and an introduction to organic
   chemistry. S05
CHANGE FROM:

CHEM 12A. Organic Chemistry
Introduction to structures, properties, and reactions of carbon compounds: Hydrocarbons, monofunctional and polyfunctional compounds; emphasis on structures and mechanisms; spectroscopy and other analytical techniques to structures. Laboratory work: Reactions, purification-methods, measurements, multistep syntheses, qualitative analysis, use of instrumentation.

CHEM 30A. +Introductory Inorganic Chemistry
Principles of inorganic chemistry: Concepts of atomic structure as a basis for understanding valence, formulas, equations, and chemical reactions; states of matter; important elements and their compounds; solutions; ionization; nuclear energy; organic introduction.

CHEM 30B. +Introductory Organic and Biochemistry

CHEM 36. +Human Genetics
Acceptable for credit: CSU, UC (pending)

CIS 3. +Computer-Related Mathematics and Applications
Presents mathematical concepts in the context of computer applications: Algorithms and analysis of algorithms, logic and mathematical proofs (contradiction and induction), sets, relations and functions, combinatorics, graph theory, Boolean algebra, and discrete probability.

CIS 20. +Microcomputer Assembly Language
Introduction to IBM PC assembly language: Input/output operations, use of files, program flow controls, interaction with DOS via interrupts, pointers and arrays, strings and structured programming, and related applications.

CIS 27. +Data Structures and Algorithms in C
Prerequisite: CIS 26
Use of abstract forms of data in the C programming language: Concepts, implementation, and applicability of different forms of data to various programming problems.

CHANGE TO:

CHEM 12A. Organic Chemistry
Introduction to structures, nomenclature, properties, and reactions of carbon compounds: Hydrocarbons, monofunctional and polyfunctional compounds, emphasis on structures and mechanisms, spectroscopy and other analytical techniques to structures. Laboratory work: Reactions, purification techniques, measurements, qualitative analysis, use of instrumentation. S05

CHEM 30A. +Introductory Inorganic Chemistry
Fundamental principles of inorganic chemistry: Metric measurements, matter and energy, atomic structure, chemical nomenclature, chemical bonding, chemical reactions, stoichiometry, gas laws, nuclear chemistry, properties of liquids, solids, solutions, acids and bases. S05

CHEM 30B. +Introductory Organic and Biochemistry
Introduction to basic organic chemistry and biochemistry: Hydrocarbons; organic functional groups, nomenclature, and reactions; polymers, carbohydrates, proteins, enzymes, lipids, nucleic acids, protein synthesis, and metabolic pathways. S05

CHEM 36. +Human Genetics
Acceptable for credit: CSU, UC

CIS 3. +Computer-Related Mathematics and Applications
Mathematical concepts in the context of computer applications: Algorithms and analysis of algorithms, numbering systems, logic and mathematical proofs (contradiction and induction), sets, relations and functions, combinatorics, graph theory, Boolean algebra, and discrete probability. S05

CIS 20. +Microcomputer Assembly Language
Introduction to assembly language: Input/output operations, use of files, program flow controls, interaction with OS via interrupts, pointers and arrays, strings and structured programming, and related applications. F04

CIS 27. +Data Structures and Algorithms
Prerequisite: CIS 25 or 26 or 36A
Use of abstract forms of data in programming: Concepts, implementation, and applicability of different forms of data to various programming problems. F04
CHANGE FROM:

CIS 36. +Java Programming Language
Prerequisite: CIS 25 or 26 or 215
Recommended preparation: CIS 233 or 237
Introduction to object-oriented program design using Java: Overview of the programming language including the development of applets for web pages and standalone applications.

CIS 40. +Introduction to Data Base Management
Creation, access, and modification of databases: Working interactively with applications and concepts of programming, menu-driven systems, differences between original version and program upgrades.

CIS 205. +Computer Literacy
1 unit, 1.5 hours lecture, 1.5 hours laboratory for 9 weeks
An introduction to computers and information technology for people with no background in nor knowledge of computers. Students may need to purchase supplies.
AA/AS area 4C

CIS 209. +Introduction to Windows
1 unit, 1.5 hours lecture, 1.5 hours laboratory for 9 weeks
An introduction to graphical user interfaces using Microsoft Windows.
AA/AS area 4C

COPED 456F. +Occupational Work Experience in General Clerical Training

COPED 456L. +Occupational Work Experience in Secretarial/Office Administration

COPED 456P. +Occupational Work Experience in Word Processing

COUN 221. +Preparing for College/University Transfer
.5 units, .5 hours lecture

EDUC 1. +Introduction to the Field of Education
Acceptable for credit: CSU, UC (pending)

ENGL 38. +Lift Every Voice: Ethnicity, Gender, and Class in the United States
AA/AS area 3, 4d; CSU area C2; IGETC area 3

CHANGE TO:

CIS 36A. +Java Programming Language I
Prerequisite: CIS 25 or 26 or 215
Introduction to object-oriented program design: Overview of the Java programming language including developing applets for web pages and standalone applications.

CIS 40. +Database Management
Design, implementation, and maintenance of databases: Analysis of user requirements; building tables, queries, forms, reports, and other topics.

CIS 205. +Computer Literacy
Correct catalog entry to:
1 unit, 14 term hours lecture, 14 term hours laboratory
Introduction to computers and information technology for people with no background in nor knowledge of computers.
AA/AS area 4C

CIS 209. +Introduction to Windows
Correct catalog entry to:
1 unit, .75 hours lecture, .75 hours laboratory
Introduction to graphical user interfaces using Microsoft Windows.
AA/AS area 4C

COPED 456F. +Occupational Work Experience in Administrative Assistant
F04

COPED 456L. +Occupational Work Experience in Administrative Office Systems and Applications
F04

COPED 456P. +Occupational Work Experience in Business Information Processing
F04

COUN 221. +Preparing for College/University Transfer
.5-1 units, .5-1 hours lecture

EDUC 1. +Introduction to the Field of Education
Acceptable for credit: CSU, UC Retroactive to F01

ENGL 38. +Lift Every Voice: Ethnicity, Gender, and Class in the United States
Correct catalog entry to:
AA/AS area 3, 4d; CSU area C2; IGETC area 3; UCB American Cultures S97 for UCB American Cultures
CHANGE FROM:

ENGL 201A. Preparation for Composition and Reading
Prerequisite: Engl 250D or 292B or 292EB or satisfactory multiple-measures assessment of writing skills, and Engl 251D or 293B or satisfactory multiple-measures assessment of reading skills

ENVST 76A-D. +Native Americans and the Bay Area Environment
AA/AS area 2,5 (if taken for 3 or more units)

ENVST 78A-H. +American Indians and the Ecology of North America
AA/AS area 2,5 (if taken for 3 or more units)

ENVST 78A. +American Indians and the Ecology of Hopi/Navajo Land
AA/AS area 2,5 (if taken for 3 or more units)

ENVST 78B. +Lewis and Clark Expedition: Ecology and Indians, Part 1
AA/AS area 2,5 (if taken for 3 or more units)

FREN 1A-B. +Elementary French
Span 1A: Course is equivalent to two years of high school study.

GEOG 10. +Introduction to Geography
AA/AS area 2; CSU area B1, D; IGETC area 4

HIST 7A. +History of the United States to 1877
AA/AS area 2; CSU area C2, D; IGETC area 3,4

HIST 7B. +History of the United States Since 1865
AA/AS area 2; CSU area C2, D; IGETC area 3,4

HIST 14. +San Francisco Bay Area from Discovery to Present
Acceptable for credit: CSU
CSU area C2, D

HIST 15. Twentieth Century America
AA/AS area 2; CSU area C2, D; IGETC area 3,4

CHANGE TO:

ENGL 201A. Preparation for Composition and Reading
Prerequisite: Engl 250D or 292B or 292EB or satisfactory multiple-measures assessment of writing skills, and Engl 251D or 293B or satisfactory multiple-measures assessment of reading skills; or Engl 259D

ENVST 76A-D. +Native Americans and the Bay Area Environment
Correct catalog entry to:
AA/AS area 2,5 (if course taken for 3 or more units)

ENVST 78A-H. +American Indians and the Ecology of North America
Correct catalog entry to:
AA/AS area 2,5 (if course taken for 3 or more units)

ENVST 78A. +American Indians and the Ecology of Hopi/Navajo Land
Correct catalog entry to:
AA/AS area 2,5 (if course taken for 3 or more units)

ENVST 78B. +Lewis and Clark Expedition: Ecology and Indians, Part 1
Correct catalog entry to:
AA/AS area 2,5 (if course taken for 3 or more units)

FREN 1A-B. +Elementary French
Correct catalog entry to:
Fren 1A: Course is equivalent to two years of high school study.

GEOG 10. +Introduction to Geography
AA/AS area 1, 2; CSU area B1, D; IGETC area 4

HIST 7A. +History of the United States to 1877
Correct catalog entry to:
AA/AS area 2; CSU area C2, D; IGETC area 3,4; CSU American Institutions, Group 1

HIST 7B. +History of the United States Since 1865
Correct catalog entry to:
AA/AS area 2; CSU area C2, D; IGETC area 3,4; CSU American Institutions, Group 1

HIST 14. +San Francisco Bay Area from Discovery to Present
Acceptable for credit: CSU, UC
AA/AS area 2; CSU area C2, D; IGETC area 3, 4

HIST 15. Twentieth Century America
Correct catalog entry to:
AA/AS area 2; CSU area C2, D; IGETC area 3,4; CSU American Institutions, Group 1
CHANGE FROM:

LANHT 28. +Permaculture Fundamentals
2 units, 1 hour lecture, 3 hours lab
Strategies and techniques for basic permaculture design including observation of natural patterns and applications to design for human communities: Water in the landscape, water conservation, flood and erosion control, soil evolution, soil fertility with on-site materials, siting buildings, designing for long-term use and recognizing patterns of use, gardening in urban situations and protecting sites from wind and fire damage; making small structures from low-cost materials, reducing waste and developing super efficient systems; brief review of permaculture's short history and its commonalities with the practices of traditional cultures.

LANHT 34. +Computer-Assisted Landscape Design
2 units, 1 hour lecture, 3 hours lab
Principles and techniques of 2D computer-assisted landscape design: Layering, dimensioning, technical computations, free-hand techniques, symbol libraries, and preparation of completed designs.

LIS 85. Introduction to Library Resources
Recommended preparation: Engl 1A
Exploration of the variety of resources available in libraries: Emphasis on forms of general and subject resource materials (encyclopedias, dictionaries, indexes, abstracting services, handbooks, bibliographies); and understanding of the online catalog and other online resources.

LRNRE 24. +Learning to Learn
Recommended preparation: None
High-performance learning utilizing a stress-free method for accelerating the learning and thinking process: Information organization and management, creative and critical thinking skills, effective time management, high-achiever learning strategies, and memory training.

CHANGE TO:

LANHT 28A-B. +Permaculture Design
3 units each level, 2 hours lecture, 3 hours lab
Strategies and techniques of basic permaculture design and application to design of livable human communities: Observation of natural patterns, gardening in urban settings, water/water recycling in the landscape, and commonalities with practices of indigenous peoples.

28A: Permaculture ethics and basic principles, soil and soil fertility, flood and erosion control, and synergistic plant associations.

28B: Design and assessment of landscapes, reducing waste and developing super efficient systems, advanced mulching techniques, and student designs.

LANHT 34A-C. +Computer-Assisted Landscape Design
2.5 units each level, 2 hours lecture, 2 hours lab
Principles and techniques of 2D and 3D computer-assisted landscape design: Layering, dimensioning, technical computations, free-hand techniques, symbol libraries, and preparation of completed designs.

34A: 2D drawing and editing tools; CAD organizational and calculation tools; personal symbol libraries; and section, elevation, and axonometric drawings.

34B: Constructing object and plant reference libraries and plant databases; layout plans and CAD perspective drawings using 2D and 3D tools.

34C: Constructing and editing 3D models and landforms and advanced rendering of landscape perspective and axonometric plans.

LIS 85. +Introduction to Information Resources
Recommended preparation: Engl 201A or appropriate placement through multiple-measures assessment process, and CIS 1 or 200 or 205 or Bus 219
Introduction to the basic concepts and tools used in information research: Emphasis on how to develop a research topic, find, locate, evaluate, and use information; search strategies for print and online resources including reference books, catalogs, indexes, specialized databases and the Internet.

LRNRE 24. +College Success
Also offered as Coun 24. Not open for credit to students who have completed or are currently enrolled in Coun 24.
Recommended preparation: Engl 201B
Identification and development of resources that facilitate college success: High-performance learning utilizing information organization and management, critical-thinking and problem-solving skills, effective time management, learning styles and strategies and memory theory, goal setting and educational planning, and campus/community resources.
CHANGE FROM:

- LRNRE 57. +Career/Life Planning
  
  Recommended preparation: None
  In-depth career and life planning: Self-exploration identifying values, interests, needs and goals; development of skills for assuming careers and lifestyles.

- LRNRE 72. +Successful Student Skills and Behaviors

- LRNRE 200. +Orientation to College

- LRNRE 257A. +Career/Life Planning

- LRNRE 257B. +Career/Life Planning

- LRNRE 257C. +Career/Life Planning

- LRNRE 282A-C. +Test-Taking Skills

- MATH 3D. Linear Algebra and Differential Equations

- MUSIC 9. +Introduction to World Music
  Acceptable for credit: CSU, UC (pending)
  AA/AS area 3; CSU area C1

- MUSIC 26A-D. +Choral Ensemble
  Acceptable for credit: CSU, UC (pending)

- NUTR 12. +Medical Nutrition
  Fundamentals of diet therapy: Screening for nutritional risk, assessment of dietary needs, care planning, modified needs of the life cycle, and dietary modifications for common and uncommon health conditions.

CHANGE TO:

- LRNRE 57. +Career and Life Planning
  Also offered as Coun 57. Not open for credit to students who have completed or are currently enrolled in Coun 57.
  Recommended preparation: Engl 201B
  In-depth career and life planning: Self-exploration, identifying values, interests, needs and goals, development of skills for assuming careers and lifestyles over the life span, influence of career choice on the quality of life and the development of a career action plan. Designed to assist those students considering the transition of a career change or undecided about the selection of a college transfer major. 4930.10 M04

- Deactivate F04

- Deactivate F04

- Deactivate F04

- Deactivate F04

- Deactivate F04

- MATH 3D. Linear Algebra and Differential Equations
  Add statement to catalog entry:
  Math 3D is equivalent to Math 3E and 3F at other Peralta Colleges. Not open for credit to students who have completed or are currently enrolled in Math 3E or 3F.

- MUSIC 9. +Introduction to World Music
  Acceptable for credit: CSU, UC F03
  AA/AS area 3; CSU area C1; IGETC area 3 F04

- MUSIC 26A-D. +Choral Ensemble
  Acceptable for credit: CSU, UC F03

- NUTR 12. +Medical Nutrition
  Fundamentals of medical nutrition therapy: Screening for nutritional risk, assessment of dietary needs, care planning, modified needs of the life cycle, menu writing and dietary modifications for common and uncommon health conditions. F04
CHANGE FROM:

NUTR 31. +Food-Production Management
2 units, 2 hours lecture
Recommended preparation: Nutr 246 or 200A-B or culinary arts training or cooking experience in an institutional setting.
The functions of institutional food-service production: Menu standardization and development, purchasing, storage, preparation and service; includes staffing, equipment, and evaluation.

NUTR 220. +Cultural Foods in Education and Health Care

NUTR 223. +The Culinary Art of Modified Diets

NUTR 226. +Introduction to Computer Systems in Dietetics

NUTR 240A. +Career Education in Dietary Management
Prerequisite: None
Corequisite: Nutr 241A
Advanced study of the specific competencies required of the Dietary Manager in a healthcare setting: Assessment, development, practicum, and evaluation of individual skills in nutrition therapy, sanitation, supervision, food production, delivery, and service.

NUTR 240B. +Career Education in Dietetic Technology I
1 unit, 1 hour lecture
Prerequisite: None
Corequisite: Nutr 241B

NUTR 240C. +Career Education in Dietetic Technology II
1 unit, 1 hour lecture
Prerequisite: None
Corequisite: Nutr 241C

NUTR 241A. +Occupational Work Experience in Dietary Management
Prerequisite: Nutr 10 or Biol 28 or Biol 31 or (Facs 10), and Nutr 30 or (Facs 81), and Nutr 32 or (Facs 82)
Corequisite: Nutr 240A and 12 and 31

CHANGE TO:

NUTR 31. +Food-Production Systems
3 units, 2 hours lecture, 3 hours laboratory
Recommended preparation: None
The functions of institutional food-service production: Menu development and standardization; forecasting, purchasing, storage, preparation and service; staffing, equipment selection and maintenance; evaluation of the food-service system; medical diets including texture and nutrient modifications; information technology in food-service settings including budgeting, cost/inventory control, nutritional analysis, recipe development, production forecasting, menu production; selecting or upgrading systems software. F04

Deactivate F04

Deactivate F04

Deactivate F04

NUTR 70A. +Seminar in Supervised Practice, Level A
Prerequisite: Nutr 10 or Biol 28 or Biol 31 or (Facs 10), and Nutr 12 or (Facs 12), and Nutr 30 or (Facs 81)
Corequisite: Nutr 71A
Advanced study of the specific competencies required of the Dietary Manager and Dietetic Technician in a healthcare or community setting: Assessment, development, practicum, and evaluation of individual skills in nutrition therapy, sanitation, supervision, food production, delivery, and service. F04

NUTR 70B. +Seminar in Supervised Practice, Level B
2 units, 2 hours lecture
Prerequisite: Nutr 70A or (240A)
Corequisite: Nutr 71B F04

NUTR 70C. +Seminar in Supervised Practice, Level C
2 units, 2 hours lecture
Prerequisite or corequisite: Nutr 70B or (240B)
Corequisite: Nutr 71C F04

NUTR 71A. +Rotations in Supervised Practice, Level A
Prerequisite or corequisite: Nutr 31 and 32
Corequisite: Nutr 70A F04
<table>
<thead>
<tr>
<th>COURSE CHANGES &amp; DEACTIVATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CATALOG SUPPLEMENT 2003-05</strong></td>
</tr>
</tbody>
</table>

**CHANGE FROM:**

**NUTR 241B. +Occupational Work Experience in Dietetic Technology I**  
*Prerequisite: Nutr 241A*  
*Corequisite: Nutr 240B*  
Supervised application of dietetic principles in a health-care facility to practice clinical skills and in a community site to practice public health nutrition skills. A total of 150 supervised hours is required.

**NUTR 241C. +Occupational Work Experience in Dietetic Technology II**  
*Prerequisite: Nutr 241B*  
*Corequisite: Nutr 240C*  

**PARLG 6. Legal Research and Writing**

**PARLG 11. Written and Oral Communication for Legal Professionals**  
*3 units, 3 hours lecture*

**PHIL 10. +Logic**

*AA/AS area 3; CSU area A3, C2*

**POSCI 1. +Government and Politics in the United States**

*AA/AS area 2; CSU area D; IGETC area 4*

**POSCI 16. +State and Local Government**

*AA/AS area 2; CSU area D*

**PSYCH 10. Psychology and Life: Basic Principles**  
*Acceptable for credit: CSU*  
*AA/AS area 2; CSU area D*

**RLEST 4A. +Legal Aspects of Real Estate**  
*Prerequisite: Rlest 2A*  
Applied real estate: Nature and classes of property, contracts, encumbrances, and leases; and principles of law applied to real estate.

**RLEST 5. +Real Estate Practice**  
*Prerequisite: Rlest 2A*  
Comprehensive presentation of daily activities of brokers and salespersons.

**CHANGE TO:**

**NUTR 71B. +Rotations in Supervised Practice, Level B**  
*Prerequisite: None*  
*Corequisite: Nutr 70B*  
Supervised application of dietetic principles in a health-care facility to practice clinical competencies and in a community site to practice public health competencies. A total of 150 supervised hours is required.  

**NUTR 71C. +Rotations in Supervised Practice, Level C**  
*Prerequisite: None*  
*Corequisite: Nutr 70C*  

**PARLG 6. Legal Research**

**PARLG 11. Advanced Legal Research and Writing**  
*3 units, 2 hours lecture, 3 hours lab*

**PHIL 10. +Logic**

Delete CSU area C2 from catalog entry:  
*AA/AS area 3; CSU area A3*

**POSCI 1. +Government and Politics in the United States**

Correct catalog entry to:  
*AA/AS area 2; CSU area D; IGETC area 4; CSU American Institutions, Group 2*

**POSCI 16. +State and Local Government**

Correct catalog entry to:  
*AA/AS area 2; CSU area D; CSU American Institutions, Group 2*

**PSYCH 10. Psychology and Life: Basic Principles**

*Acceptable for credit: CSU, UC*  
*AA/AS area 2; CSU area D; IGETC area 4*

**RLEST 4A. +Legal Aspects of Real Estate**  
*Prerequisite or corequisite: Rlest 2A*  
Basic legal aspects of real estate: Nature and classes of property, contracts, encumbrances, and leases; and principles of law applied to real estate.

**RLEST 5. +Real Estate Practice**  
*Prerequisite or corequisite: Rlest 2A*  
Comprehensive presentation of daily activities of brokers and salespersons: Selling, listing, advertising, taking and presenting offers, qualifying buyers; appraisal, finance, and escrow procedures; taxation, investment property, and exchanges.
CHANGE FROM:

RLEST 6A. +Real Estate Finance  
**Prerequisite:** Rlest 2A  
Basic real estate finance: Study and analysis of money markets, interest rates, real estate financing, lending policies, and problems involved in financing real property such as homes and multi-family units.

RLEST 6B. +Advanced Real Estate Finance  
**Prerequisite:** Rlest 6A  
Effects of financing multi-family units, commercial properties, and special-purpose projects.

RLEST 7A. +Real Estate Appraisal  
**Prerequisite:** Rlest 2A or Real Estate license  
RLEST 7A is required for the real estate broker’s licensing examination.  
The appraisal process: Different approaches to methods and techniques used to determine value; residential property, including brief exposure to multi-family units.

RLEST 7B. +Real Estate Appraisal  
**Prerequisite or corequisite:** Rlest 7A  
Advanced appraisal: Determining value, marketability and return on multi-family units, commercial and other investment properties.

RLEST 8. +Property Management  
**Prerequisite:** Rlest 2A  
Real estate management: Neighborhood analysis and trends, rent schedules, leases, accounting, maintenance, and landlord-tenant relations.

RLEST 9. +Real Estate Economics  
**Corequisite:** Rlest 2A  
Study of city, neighborhood, and property value changes; and analysis of contemporary real estate economic problems.

RLEST 11. +Escrow Procedures  
**Corequisite:** Rlest 2A

RLEST 14. +Real Estate Investments  
**Prerequisite:** Rlest 2A  
Survey and analysis of real estate investments: Counseling, valuation, after-tax benefits, and exchanges.

CHANGE TO:

RLEST 6A. +Real Estate Finance  
**Prerequisite or corequisite:** Rlest 2A  
Basic real estate finance: Study and analysis of money markets, interest rates, real estate financing, lending policies, and problems involved in financing real property; emphasis on homes with brief introduction to multi-family units.  
F04

RLEST 6B. +Advanced Real Estate Finance  
**Prerequisite:** Rlest 2A  
**Prerequisite or corequisite:** Rlest 6A  
Advanced real estate finance: Detailed study of financing for multi-family units, commercial properties, and special-purpose projects.  
F04

RLEST 7A. +Real Estate Appraisal  
**Prerequisite:** Rlest 2A  
Delete statement in catalog entry (Rlest 7A is now optional).  
Basic real estate appraisal: Study of methods and techniques used to determine value; emphasis on residential property with brief introduction to multi-family units.  
F04

RLEST 7B. +Advanced Real Estate Appraisal  
**Prerequisite or corequisite:** Rlest 7A  
Advanced real estate appraisal: Study of methods and techniques used to determine value, marketability, and return on multi-family units and commercial and other investment properties.  
F04

RLEST 8. +Property Management  
**Prerequisite or corequisite:** Rlest 2A  
Real estate management: Neighborhood analysis and trends, rent schedules, leases, accounting, maintenance, and landlord/tenant relations; the business of property management.  
F04

RLEST 9. +Real Estate Economics  
**Prerequisite or corequisite:** Rlest 2A  
Introductory study of city, neighborhood, and property value changes; analysis of contemporary real estate economic problems; includes field trips.  
F04

RLEST 11. +Real Estate Escrow Procedures  
**Prerequisite or corequisite:** Rlest 2A  
F04

RLEST 14. +Real Estate Investments  
**Prerequisite or corequisite:** Rlest 2A  
Survey and analysis of real estate investments: Counseling, valuation, after-tax benefits, and a brief introduction to exchanges.  
F04
CHANGE FROM:

SPCH 46. +Interviewing, Business and Professional Communication
3 units, 3 hours lecture
Prerequisite: Spch 45 or 20 or 4
Acceptable for credit: CSU, UC (pending)
Analysis and practice of business and professional communication skills, with a focus on interviewing: Exploration of a variety of interviewing skills including employment, health care, research, informational, and persuasive.

AA/AS area 4d; CSU area A1

United States History, Constitution, and American Ideals Certification (page 80)

Students must complete one course from both Group 1 and 2 listed below to be certified that the requirements in U.S. History, Constitution, and American Ideals have been met.

1. United States History:
   African-American Studies 30, 31
   Asian/Asian-American Studies 45A
   History 7A, 7B, 15
   Mexican/Latin-American Studies 19

2. United States Constitution, California State and Local Government:
   Political Science 1, 15, 16

CHANGE TO:

SPCH 46A-B-C. +Interviewing and Business Communication
1 unit each level, 1 hour lecture
Prerequisite: None
Acceptable for credit: CSU
Introduction and training in the techniques of interviewing, useful for obtaining and maintaining a job as well as advancing from a current position.

46A: Skills and techniques involved in interviewing from the perspective of the potential employee: Basic audience analysis; creating a professional resume, cover letter, and thank-you note.

46B: Skills and techniques involved in interviewing from the perspective of the potential employer: Improving current speaking skills and ability to analyze and critique an employee resume; creating a set of interview questions.

46C: Advanced interviewing and business communication skills designed to assist students to stay or advance in a job: Writing memos, speaking at formal functions (introductions, awards, thank you, eulogies), creating and conducting a training or focus interview. F04

AA/AS area 4d (must take all 3 levels and earn 3 units to satisfy area 4d); CSU area A1 (acceptable only if Spch 46A, 46B, and 46C completed) F04

United States History, Constitution, and American Ideals Certification (page 80)

Students must complete one course from both Group 1 and 2 listed below to be certified that the requirements in U.S. History, Constitution, and American Ideals have been met.

1. United States History:
   History 7A, 7B, 15

2. United States Constitution, California State and Local Government:
   Political Science 1, 16 F04
PROGRAM ADDITIONS
Pathway II Certificate of Achievement (see under Program Changes for Nutrition and Dietetics)
PROGRAM CHANGES
CHANGE FROM:

HUMAN SERVICES CERTIFICATE:
Certificate of Achievement Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Coser 10</td>
<td>Community Resources and Social Policy</td>
<td>3</td>
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<tr>
<td>Coser 43A</td>
<td>Introduction to Counseling Skills for Paraprofessionals I</td>
<td>3</td>
</tr>
<tr>
<td>Coser 43B</td>
<td>Introduction to Counseling Skills for Paraprofessionals II</td>
<td>3</td>
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<tr>
<td>Coser 44</td>
<td>Introduction to Case Management for Paraprofessionals</td>
<td>3</td>
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<tr>
<td>Coser 45</td>
<td>Diversity In Human Services</td>
<td>3</td>
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<tr>
<td>Coped 476C</td>
<td>Occupational Work Experience in Community Social Services (1-4)</td>
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<td>Total required units:</td>
<td>17</td>
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</table>

MAJORS (page 72)

Nutrition and Dietetics:
- Dietary Assistant CA
- Dietary Manager (Dietetic Service Supervisor) CA
- Dietetic Technology AS CC

MICROCOMPUTER SOFTWARE SPECIALIST (page 120)

Degree Major/Certificate Requirements:
Advanced Applications (CIS 31 or 39 or 41, or other courses subject to departmental approval)

CHANGE TO:

HUMAN SERVICES CERTIFICATE: S04
Certificate of Achievement Requirements:

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<thead>
<tr>
<th>Course</th>
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<th>Units</th>
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<tr>
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<td>Total required units:</td>
<td>17</td>
</tr>
</tbody>
</table>

MAJORS (page 72)

Nutrition and Dietetics: F04
- Dietary Assistant CA
- Dietary Manager (Dietetic Service Supervisor) (pending State approval) CC
- Dietetic Technology* AS
- Pathway II Certificate CA

*Note: Delete Certificate of Completion effective F01; added in error.

MICROCOMPUTER SOFTWARE SPECIALIST (page 120)

Correct specific entry for listed courses:
Degree Major/Certificate Requirements:
Advanced Applications (CIS 31 or 39A or 41, or other courses subject to departmental approval)
Retroactive to F99
CHANGE FROM:

NUTRITION AND DIETETICS

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are three majors in the Nutrition and Dietetics Department: Dietary Assistant, Dietary Manager, and Dietetic Technology. To qualify for the Certificate of Achievement in Dietary Assistant, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor), students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the AS degree in Dietetic Technology, students must satisfactorily complete the Group A Certificate requirements for Dietary Manager, the Group B Major course requirements, and the Group C General Education/Graduation requirements. The Nutrition and Dietetics program is dedicated to fostering a learning environment which will provide the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism; support the lifelong academic and professional success of every student, regardless of race, national origin or economic status; and contribute to institutional success by achieving increased recruitment into the program, successful completion of training by the student, and the successful employment of the student.

DIETARY ASSISTANT

The Dietary Assistant Certificate of Achievement is designed for those who show an interest in nutrition and dietetics, but who have no prior experience. Further training will qualify the student for the Dietary Manager or the Dietetic Technology certificates.

Certificate of Achievement Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>NUTR 10</td>
<td>Nutrition</td>
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<tr>
<td>NUTR 200A-B</td>
<td>Introduction to Institutional Food Service (1-2)</td>
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<tr>
<td>NUTR 246</td>
<td>Occupational Work Experience in Nutrition and Dietetics (1-4)</td>
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</tbody>
</table>

Total required units: 7

CHANGE TO:

NUTRITION AND DIETETICS F04

The Nutrition and Dietetics program serves those who wish to train for a career in the nutrition and dietetics field, those who wish to prepare for transfer to a four-year institution, and those who are currently employed in an agency providing nutrition/dietetics services and who seek training for career advancement or certification as Dietetic Technicians.

There are three majors in the Nutrition and Dietetics Department: Dietary Assistant, Dietary Manager, and Dietetic Technology. To qualify for the Certificate of Achievement in Dietary Assistant, students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the Certificate of Completion in Dietary Manager (Dietetic Service Supervisor), students must satisfactorily complete the Certificate requirements specified for that major. To qualify for the AS degree in Dietetic Technology, students must satisfactorily complete the Degree Major requirements. The Nutrition and Dietetics program is dedicated to fostering a learning environment which will provide the healthcare community with culturally-diverse dietetic practitioners who have excellent training, ethics and professionalism; support the lifelong academic and professional success of every student, regardless of race, national origin or economic status; and contribute to institutional success by achieving increased recruitment into the program, successful completion of training by the student, and the successful employment of the student.

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</tr>
<tr>
<td>NUTR 246</td>
<td>Occupational Work Experience in Nutrition and Dietetics (1-4)</td>
<td>1</td>
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</tbody>
</table>

Total required units: 7
CHANGE FROM:

DIETARY MANAGER

The Dietary Manager program is designed for those with food-service and cooking experience who seek advancement into management positions, especially in the healthcare field. Completion of this program qualifies one for employment in a long-term healthcare facility as a Dietetic Service Supervisor (DSS designation, State of California Department of Public Health). It also qualifies the graduate to apply for certification with the national Dietary Managers Association as a Certified Dietary Manager (CDM) and Certified Food Protection Professional (CFPP). A Certificate of Achievement in Dietary Manager (Dietetic Service Supervisor) will be awarded upon satisfactory completion of the Major course requirements.

Certificate of Achievement Requirements:

<table>
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<tr>
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<td>BIOL 28 Human Nutrition</td>
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<tr>
<td>or</td>
<td>BIOL 31 Nutrition</td>
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<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
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<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
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<tr>
<td>NUTR 31</td>
<td>Food-Production Management</td>
<td>2</td>
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<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
<td>3</td>
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<tr>
<td>NUTR 240A</td>
<td>Career Education in Dietary Management</td>
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<td>Occupational Work Experience in Dietary Management</td>
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Total required units: 16-17

CHANGE TO:

DIETARY MANAGER

The Dietary Manager program is designed for those with food-service and cooking experience who seek advancement into management positions, especially in the healthcare field. Completion of this program qualifies one for employment in a long-term healthcare facility as a Dietetic Service Supervisor (DSS designation, State of California Department of Public Health). It also qualifies the graduate to apply for certification with the national Dietary Managers Association as a Certified Dietary Manager (CDM) and Certified Food Protection Professional (CFPP). A Certificate of Completion in Dietary Manager (Dietetic Service Supervisor) will be awarded upon satisfactory completion of the Major course requirements.

Note: State approval for this certificate is pending.

Certificate of Completion Requirements:

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<td>or</td>
<td>BIOL 31 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 28</td>
<td>Human Nutrition plus an elective for one unit</td>
<td></td>
</tr>
<tr>
<td>NUTR 1</td>
<td>Survey of Nutrition and Dietetics</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 246</td>
<td>Occupational Work Experience in Nutrition and Dietetics</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 70A</td>
<td>Seminar in Supervised Practice, Level A</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 71A</td>
<td>Rotations in Supervised Practice, Level A</td>
<td>2</td>
</tr>
</tbody>
</table>

Total required units: 18
The **Dietetic Technology** program provides training for Dietetic Technicians, who work cooperatively with Registered Dietitians. The Dietetic Technician is certified by the American Dietetic Association to screen clients for nutritional risk, assess dietary needs, develop care plans, and supervise food production and service. The Dietetic Technician, trained in food and nutrition, is an integral member of the healthcare, business and industry, public health, food service and research team.

**Group A – Dietary Manager Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 10</td>
<td>Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>BIOL 28 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>BIOL 31 Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Management</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 240A</td>
<td>Career Education in Dietary</td>
<td>1</td>
</tr>
<tr>
<td>Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 241A</td>
<td>Occupational Work Experience</td>
<td>2</td>
</tr>
<tr>
<td>in Dietary</td>
<td>Management (1-4)</td>
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</tr>
<tr>
<td>Total required certificate units:</td>
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**Group B – Degree Major Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>HLTOC 201</td>
<td>Medical Terminology I</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 220</td>
<td>Cultural Foods in Education</td>
<td>1</td>
</tr>
<tr>
<td>or</td>
<td>Health Care</td>
<td></td>
</tr>
<tr>
<td>NUTR 223</td>
<td>The Culinary Art of Modified</td>
<td>1</td>
</tr>
<tr>
<td>Diet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 226</td>
<td>Introduction to Computer Systems</td>
<td>1</td>
</tr>
<tr>
<td>in Dietetics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 240B</td>
<td>Career Education in Dietetic</td>
<td>1</td>
</tr>
<tr>
<td>Technology I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 240C</td>
<td>Career Education in Dietetic</td>
<td>1</td>
</tr>
<tr>
<td>Technology II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 241B</td>
<td>Occupational Work Experience</td>
<td>2</td>
</tr>
<tr>
<td>in Dietetic</td>
<td>Technology I (1-4)</td>
<td></td>
</tr>
<tr>
<td>Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 241C</td>
<td>Occupational Work Experience</td>
<td>2</td>
</tr>
<tr>
<td>in Dietetic</td>
<td>Technology II (1-4)</td>
<td></td>
</tr>
<tr>
<td>Total required major units:</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

**Recommended:**

- NUTR 50A-C Practical Nutrition for Children (1-1-1)
- NUTR 200A-B Introduction to Institutional Food Service (1-2)
- NUTR 246 Occupational Work Experience in Nutrition and Dietetics or Culinary Arts Courses (at Laney College or other accredited institutions)

---

**CHANGE TO:**

The **Dietetic Technology** program provides training for Dietetic Technicians, who work cooperatively with Registered Dietitians. The Dietetic Technician is certified by the American Dietetic Association to screen clients for nutritional risk, and assist in assessing dietary needs, implementing care plans, and supervising food production and service. The Dietetic Technician, trained in food and nutrition, is an integral member of the healthcare, business and industry, public health, food service and research team.

**Degree Major Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 10</td>
<td>Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td>BIOL 28 Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>BIOL 31 Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 70A</td>
<td>Seminar in Supervised Practice,</td>
<td></td>
</tr>
<tr>
<td>Level A</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>NUTR 70B</td>
<td>Seminar in Supervised Practice,</td>
<td></td>
</tr>
<tr>
<td>Level B</td>
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<td>2</td>
</tr>
<tr>
<td>NUTR 70C</td>
<td>Seminar in Supervised Practice,</td>
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</tr>
<tr>
<td>Level C</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>NUTR 71A</td>
<td>Rotations in Supervised Practice,Level A</td>
<td>2</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 71B</td>
<td>Rotations in Supervised Practice,Level B</td>
<td>2</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUTR 71C</td>
<td>Rotations in Supervised Practice,Level C</td>
<td>2</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTHR 3</td>
<td>Introduction to Social and Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>2</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 5</td>
<td>Minority Groups</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 24</td>
<td>Basic Human Anatomy and</td>
<td>4</td>
</tr>
<tr>
<td>Physiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 201**</td>
<td>Preparation for Composition and</td>
<td>3</td>
</tr>
<tr>
<td>Reading</td>
<td></td>
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</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLTOC 201</td>
<td>Medical Terminology I</td>
<td>2</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 201**</td>
<td>Elementary Algebra</td>
<td>4</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYCH 1A</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 20</td>
<td>Interpersonal Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 201**</td>
<td>Computer Literacy (Area 4c)</td>
<td>1</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 201**</td>
<td>Ethnic Studies (Area 5)</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 201**</td>
<td>Humanities (Area 3) course</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
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<tr>
<td>Electives</td>
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<tr>
<td>Total required degree major units:</td>
<td>60</td>
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### Change from:

**Group C – General Education/Graduation Requirements:**

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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ANTHR 3</td>
<td>Introduction to Social and Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 24</td>
<td>Basic Human Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 201A**</td>
<td>Preparation for Composition and Reading</td>
<td>3</td>
</tr>
<tr>
<td>MATH 201*^</td>
<td>Elementary Algebra</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 1A</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 20</td>
<td>Interpersonal Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Computer Literacy (Area 4c) course</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Ethnic Studies (Area 5) course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (Area 3) course</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td>5-6</td>
</tr>
<tr>
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<td><strong>Total required GE/graduation units:</strong></td>
<td>32-33</td>
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<td></td>
<td><strong>Total required program units:</strong></td>
<td>60</td>
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</tbody>
</table>

*The courses listed meet course-content graduation requirements specified by the Nutrition and Dietetics Department to meet American Dietetic Association standards.

**English 1A (required for students who plan to transfer) may be substituted for English 201A.

**A more advanced Mathematics course may be substituted for Math 201.

### Recommended Sequence of Courses for Four Semesters:

#### Fall (first semester):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>BIOL 24</td>
<td>Basic Human Anatomy and Physiology</td>
<td>4</td>
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<tr>
<td>CIS 205</td>
<td>Computer Literacy</td>
<td></td>
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<tr>
<td></td>
<td>or Other Area 4c course</td>
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<tr>
<td>HLTOC 201</td>
<td>Medical Terminology I</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 10</td>
<td>Nutrition (4)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Human Nutrition (3)</td>
<td></td>
</tr>
<tr>
<td>BIOL 28</td>
<td>Human Nutrition (3)</td>
<td></td>
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<tr>
<td>BIOL 31</td>
<td>Nutrition (4)</td>
<td>3-4</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
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<td>15-16</td>
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#### Spring (second semester):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 201**</td>
<td>Elementary Algebra</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Management</td>
<td>2</td>
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<tr>
<td>NUTR 240A</td>
<td>Career Education in Dietary Management</td>
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<td>NUTR 241A</td>
<td>Occupational Work Experience in Dietary Management (1-4)</td>
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<td></td>
<td>Elective</td>
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### Change to:

**Recommended:**

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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>NUTR 1</td>
<td>Survey of Nutrition and Dietetics (1)</td>
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<tr>
<td>NUTR 50A-C</td>
<td>Practical Nutrition for Children (1-1-1)</td>
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</tr>
<tr>
<td>NUTR 200A-B</td>
<td>Introduction to Institutional Food Service (1-2)</td>
<td></td>
</tr>
</tbody>
</table>

* The courses listed meet course-content graduation requirements specified by the Nutrition and Dietetics Department to meet American Dietetic Association standards. Some of these courses also meet General Education requirements for the Associate degree. Note: Students who plan to sit for the American Dietetic Association (ADA) exam for Dietetic Technician Registered (DTR) certification must possess an Associate or higher degree before applying to take the exam.

**English 1A (required for students who plan to transfer) may be substituted for English 201A.

**A more advanced Mathematics course may be substituted for Math 201.

### Recommended Sequence of Courses for Five Semesters:

#### Summer (first semester):

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tr>
<td>NUTR 10</td>
<td>Nutrition (4)</td>
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<tr>
<td>BIOL 28</td>
<td>Human Nutrition (3)</td>
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<td>BIOL 31</td>
<td>Nutrition (4)</td>
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#### Fall (second semester):

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 24</td>
<td>Basic Human Anatomy and Physiology</td>
<td>4</td>
</tr>
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<td>CIS 205</td>
<td>Computer Literacy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Other Area 4c course</td>
<td>1</td>
</tr>
<tr>
<td>HLTOC 201</td>
<td>Medical Terminology I</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Systems (3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Supervision and Training (3)</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Total units:</strong></td>
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</table>

#### Spring (third semester):

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 201**</td>
<td>Elementary Algebra</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 31</td>
<td>Food-Production Systems (3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Supervision and Training (3)</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 70A</td>
<td>Seminar in Supervised Practice, Level A</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 71A</td>
<td>Rotations in Supervised Practice, Level A (1-4)</td>
<td>2</td>
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<tr>
<td></td>
<td>Elective</td>
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<tr>
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<td><strong>Total units:</strong></td>
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**CHANGE FROM:**

**Summer Session:**
- NUTR 223 The Culinary Art of Modified Diets 1
  Total units: 1

**Fall (third semester):**
- ANTHR 3 Introduction to Social and Cultural Anthropology 3
- ENGL 201A*^ Preparation for Composition and Reading 3
- NUTR 240B Career Education in Dietetic Technology I 1
- NUTR 241B Occupational Work Experience in Dietetic Technology I (1-4) 2
- PSYCH 1A Introduction to General Psychology 3
- SPCH 20 Interpersonal Communication Skills 3
  Total units: 15

**Spring (fourth semester):**
- NUTR 220 Cultural Foods in Education and Health Care 1
- NUTR 226 Introduction to Computer Systems in Dietetics 1
- NUTR 240C Career Education in Dietetic Technology II 1
- NUTR 241C Occupational Work Experience in Dietetic Technology II (1-4) 2
  Ethnic Studies (Area 5) course 3
  Humanities (Area 3) course 3
  Electives 2-3
  Total units: 13-14
  Total required program units: 60

---

* Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. See a counselor regarding General Education requirements, or contact the Nutrition and Dietetics Department for evaluation of previously-completed coursework in nutrition and dietetics and possible course waiver. A written exam may be required. At least 12 units of Associate degree-level coursework must be completed at Merritt College.

**A more advanced Mathematics course may be substituted for Math 201.

**English 1A (required for students who plan to transfer) may be substituted for English 201A.

**\(^*\) A more advanced Mathematics course may be substituted for Math 201.

---

**CHANGE TO:**

**Fall (fourth semester):**
- ANTHR 3 Introduction to Social and Cultural Anthropology
  or
- SOC 1 Introduction to Sociology
  or
- SOC 5 Minority Groups 3
- ENGL 201A** Preparation for Composition and Reading 3
- NUTR 70B Seminar in Supervised Practice, Level B 2
- NUTR 71B Rotations in Supervised Practice, Level B (1-4) 2
- PSYCH 1A Introduction to General Psychology 3
- SPCH 20 Interpersonal Communication Skills 3
  Total units: 16

**Spring (fifth semester):**
- NUTR 70C Seminar in Supervised Practice, Level C 2
- NUTR 71C Rotations in Supervised Practice, Level C (1-4) 2
  Ethnic Studies (Area 5) course 3
  Humanities (Area 3) course 3
  Electives 2-3
  Total units: 12-13
  Total required program units: 60

---

* Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. See a counselor regarding General Education requirements, or contact the Nutrition and Dietetics Department for evaluation of previously-completed coursework in nutrition and dietetics and possible course waiver. A written exam may be required to demonstrate currency. At least 12 units of Associate degree-level coursework must be completed at Merritt College.

**A more advanced Mathematics course may be substituted for Math 201.

**English 1A (required for students who plan to transfer) may be substituted for English 201A.

---

*^ Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. See a counselor regarding General Education requirements, or contact the Nutrition and Dietetics Department for evaluation of previously-completed coursework in nutrition and dietetics and possible course waiver. A written exam may be required to demonstrate currency. At least 12 units of Associate degree-level coursework must be completed at Merritt College.

**English 1A (required for students who plan to transfer) may be substituted for English 201A.

**A more advanced Mathematics course may be substituted for Math 201.
CHANGE TO:

PATHWAY II CERTIFICATE

The Merritt College Nutrition and Dietetics program is accredited by the American Dietetic Association/Commission on Accreditation of Dietetics Education (ADA/CADE). Program graduates are qualified to sit for the national ADA exam, and upon successful completion of the exam, they are qualified to use the designation of “Dietetic Technician Registered (DTR).” Recent legislation in California requires that Dietetic Technicians be registered. Dietetic Technicians who possess an Associate or higher degree, but who are not registered, must successfully complete both the Pathway II Certificate courses specified below and the national ADA exam to become registered. Students qualifying to apply for the Pathway II Certificate of Achievement fall into one of the following three categories:

1. Graduates of an ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics: Students who have satisfactorily completed all didactic components of their education (as verified by statement from the Nutrition and Dietetics Program Director) need only successfully complete the Seminars and Rotations in Supervised Practice requiring 450 hours of supervised practice to sit for the national ADA exam.

2. Graduates of a non ADA/CADE-accredited, Associate-degree (or higher) program in nutrition and dietetics, or an unrelated field, from an accredited U.S. college or university: These students must provide evidence that they have completed the equivalent courses needed to satisfy the ADA/CADE Foundation Knowledge and Skills requirement. Additional coursework (as determined by the Nutrition and Dietetics Program Director) beyond the seminar lectures and 450 hours of supervised practice may be required.

3. Graduates who have earned degrees outside the United States: These students are required to provide evidence of equivalency through an evaluation service recommended by ADA/CADE. The student then proceeds as specified in #2 above.

Certificate of Achievement Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 70A</td>
<td>Seminar in Supervised Practice, Level A</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 70B</td>
<td>Seminar in Supervised Practice, Level B</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 70C</td>
<td>Seminar in Supervised Practice, Level C</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 71A</td>
<td>Rotations in Supervised Practice, Level A (1-4)</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 71B</td>
<td>Rotations in Supervised Practice, Level B (1-4)</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 71C</td>
<td>Rotations in Supervised Practice, Level C (1-4)</td>
<td>2</td>
</tr>
</tbody>
</table>

Total required units: 11
APPENDICES
Memo

Date: May 24, 2004
To: All Counselors
From: Steve Pantell, Counselor/Articulation Officer
Cc: President Wesley
     Vice Presidents
     Deans
     Department Chairs
     CIC Co-Chairs

RE: 2004-2005 AA/AS Degree GE Advising Sheet

Attached is the 2004-2005 AA/AS Degree General Education advising sheet. In summary, here are the changes:

AREA 1 – NATURAL SCIENCES
Additions
- BIOL 23, Introduction to the Human Body (3 units)
- GEOG 10, Introduction to Geography (3 units)
- LANHT 15, Botany (4 units)
  Same as Biology 5, currently listed in Area 1

AREA 2 – SOCIAL AND BEHAVIORAL SCIENCES
Additions
- AFRAM 45, Religion and the African American Church in America (3 units)
  Currently listed in Area 3
- ANTHR 7, Anthropological Perspectives: Magic, Religion, and Witchcraft (3 units)
  Currently listed in Area 3
- HIST 14, San Francisco Bay Area from Discovery to Present (3 units)
  Also listed in Area 4d
- SPCH 10, Gender and Communication (3 units)
  Also listed in Area 2

AREA 4 – LANGUAGE AND RATIONALITY
4d. Oral or Written Communication, or Literature
Additions
- SPCH 10, Gender and Communication (3 units)
  Also listed in Area 2
- SPCH 46A-C, Interviewing and Business Communication (1 unit each level)
  Must take all 3 levels, and earn 3 units, to satisfy Area 4d
Merritt College
2004 – 2005

ASSOCIATE DEGREE: Complete a minimum of 60 degree-applicable semester units with an overall grade point average of 2.0 ("C"). At least 12 of the 60 units must be completed at Merritt College.

GENERAL EDUCATION: Complete a minimum of 19 units, distributed in the areas below, with an overall grade point average of 2.0 ("C") and a grade of "C" or better in Area 4a (English Composition) and Area 4b (Mathematics). Although a course may be listed in more than one Area, it may not be counted in more than one Area (except in Area 5, Ethnic Studies; see Note in Area 5).

MAJOR: Students must declare a major to earn an Associate Degree. Majors require a minimum of 18 units with a grade of "C" or better in each course. Unit requirements for majors vary within programs and instructional departments of the College (consult the Merritt College catalog and/or see a counselor for more information).

OUT-OF-DISTRICT OR OUT-OF-STATE COURSES: Will be evaluated individually to see if they fulfill Merritt College General Education requirements. For information about this process, students should contact the Counseling Department.

### AREA ONE - NATURAL SCIENCES

<table>
<thead>
<tr>
<th>Legend: N=Needed</th>
<th>IP=In Progress</th>
<th>C=Completed</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>One course, minimum of three semester units, from the following:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTHR: 1</td>
<td>LANHT: 1, 15*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASTR: 1, 10</td>
<td>NUTR: 10 (formerly FACS 10; same as BIOL 31 @ COA and BIOL 28 @ Laney), 12 (formerly FACS 12)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>BIOL: 1A, 1B, 2, 3, 4, 5*, 9, 10, 13, 15, 20A, 20B, 23, 24, 25, 29, 36</td>
<td>PHYS: 2A, 2B, 4A, 4B, 4C, 10</td>
<td></td>
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</tr>
<tr>
<td>CHEM: 1A, 1B, 12A, 12B, 30A, 30B</td>
<td>PSYCH: 12 (same as PSYCH 12/BIOL 27 @ Laney and PSYCH 12/BIOL 27/HLTE 27 @ Vista)</td>
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<tr>
<td>GEOG: 1, 10</td>
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<td></td>
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<tr>
<td>GEOL: 1, 12</td>
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</tr>
</tbody>
</table>

*BIOl 5 same as LANHT 15; maximum credit: 1 course

### AREA TWO - SOCIAL AND BEHAVIORAL SCIENCES

<table>
<thead>
<tr>
<th>Legend: N=Needed</th>
<th>IP=In Progress</th>
<th>C=Completed</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>One course, minimum of three semester units, from the following:</strong></td>
<td></td>
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</tr>
<tr>
<td>AFRAM: 2, 5, 8, 10, 12, 14A, 14B, 16, 19*, 28+, 30, 31, 32, 33, 34, 45</td>
<td>GEOG: 2, 5, 10</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ANTHR: 2, 3, 4, 5, 7, 8, 13, 15, 16, 18, 30A-D</td>
<td>HIST: 2A, 2B, 7A, 7B, 8A, 8B, 14, 15, 19, 27, 30A, 30B, 32</td>
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<tr>
<td>ASAME: 20, 21, 29, 30, 32, 45A, 45B</td>
<td>BUS: 5, 10, 52</td>
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<tr>
<td>CHDEV: 50, 51 (formerly FACS 51), 53, 57A</td>
<td>CHART: 6*, 12, 19 (HIST 17 @ COA, Laney, and Vista) 23, 28+, 30A, 30B</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>COSER: 10, 45</td>
<td>M/LAT: 1, 2, 3, 4, 15, 16, 20</td>
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</tr>
<tr>
<td>ECON: 1, 2, 10, 11^</td>
<td>POSCI: 1A, 1B, 3, 6, 10, 12, 24, 33</td>
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<tr>
<td>EDUC: 1</td>
<td>SOC: 1, 2, 3, 5</td>
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</tr>
<tr>
<td>ENVST: 11, 76A-D#, 78A-H#</td>
<td>SPCH: 6, 10</td>
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</tr>
</tbody>
</table>

*AFRAM 19 same as M/LAT 6; maximum credit: one course
+AFRAM 28 same as M/LAT 28; maximum credit: one course
^ECON 1 & ECON 11; maximum credit: one course
#ENVST 76A-D or 78A-H must be taken for a minimum of 3 units to satisfy Area 2
**APPENDIX A2, cont.**

Legend: N=Needed  IP=In Progress  C=Completed

<table>
<thead>
<tr>
<th>AREA THREE - HUMANITIES</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course, minimum of three semester units, from the following:</td>
<td></td>
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</tr>
<tr>
<td>AFRAM: 21, 22A, 22B, 22C, 22D, 28*, 41, 42, 43, 45</td>
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<tr>
<td>ANTHR: 7, 8</td>
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<tr>
<td>ART: 1, 2, 3, 4, 9, 10, 11, 12, 15</td>
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<tr>
<td>ASAME: 1, 30</td>
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<tr>
<td>CHIN: 1, 2</td>
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<td></td>
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<tr>
<td>FREN: 1A, 1B, 2A, 2B, 30A, 30B</td>
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<tr>
<td>HUMAN: 2</td>
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<tr>
<td>M/LAT: 28*, 30A, 30B</td>
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<tr>
<td>MUSIC: 1A, 9, 10, 11, 12A, 12B, 13A, 13B</td>
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<tr>
<td>PHIL: 1, 2, 10, 20A, 20B, 30</td>
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<tr>
<td>SPAN: 1A, 1B, 2A, 2B, 22A, 22B, 30A, 30B, 31A, 31B, 38, 40</td>
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<tr>
<td>SWAHI: 1A, 1B</td>
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<tr>
<td>*AFRAM 28 same as M/LAT 28; maximum credit: one course</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA FOUR - LANGUAGE AND RATIONALITY</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course in each sub-area (a, b, c, and d):</td>
<td></td>
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</tr>
<tr>
<td>a. English Composition: One course, minimum of three semester units and a grade of “C” or better, from:</td>
<td></td>
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<tr>
<td>ENGL: 1A, 1B, 5, 201A, 201B, 203A, 203B</td>
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<tr>
<td>ESL: 21A, 21B</td>
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<tr>
<td>b. Mathematics: May be met by one of two options listed below:</td>
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</tr>
<tr>
<td>Option 1: One course, minimum of three semester units and a grade of “C” or better, from:</td>
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<td></td>
</tr>
<tr>
<td>MATH: 1, 2, 3A, 3B, 3C, 3D (same as 3E-F at COA, Laney &amp; Vista), 13, 15, 16A, 16B, 50, 201, 202, 203</td>
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<tr>
<td>Option 2: Credit by Examination of Math 201. Students must earn a grade of “C” or better on the</td>
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<tr>
<td>exam to earn 4 units of credit toward the degree requirement. The exam can be taken only once</td>
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<tr>
<td>and is offered by the Math Department each semester during finals week. The Credit By Exam Form (available</td>
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<tr>
<td>at Admissions &amp; Records) will be used to record exam grades on the student’s transcript.</td>
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<tr>
<td>c. Computer Literacy: One course, minimum of one semester unit, from the following:</td>
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<tr>
<td>BUS: 24, 29A</td>
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<tr>
<td>LRNRE: 21A, 211B</td>
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<tr>
<td>CIS: All courses with a minimum value of one unit and numbered 1 through 248, except 211 (Laney)</td>
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<tr>
<td>d. Oral or Written Communication, or Literature: One course, minimum of three semester units, from:</td>
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<tr>
<td>AFRAM: 41, 42, 43</td>
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<tr>
<td>ENGL: 1 through 247 (except 48s, 49s, 202, 205, 206A, 206B, and 208)</td>
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<td></td>
</tr>
<tr>
<td>ESP: 4, 6, 10, 15A, 15B, 20, 45, 46A-C (must take A-C &amp; earn 3 units to satisfy Area 4d)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA FIVE - ETHNIC STUDIES</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course, minimum of three semester units, from the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AFRAM: 2, 5, 8, 10, 12, 14A, 14B, 16, 19*, 21, 22A, 22B, 22C, 22D, 28, 30, 31, 32, 33, 41, 42, 43, 45</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART: 10, 15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASAME: 20, 21, 30, 32, 45A, 45B</td>
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</tr>
<tr>
<td>ENVST: 76A-D#, 76A-H#</td>
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</tr>
<tr>
<td>M/LAT: 6*, 12, 19 (same as HIST 17 @ COA, Laney, and Vista), 23, 28+, 30A</td>
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</tr>
<tr>
<td>ANTHR: 5</td>
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<tr>
<td>*AFRAM 19 same as M/LAT 6; maximum credit: one course.</td>
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<tr>
<td>+AFRAM 28 same as M/LAT 28; maximum credit: one course.</td>
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</tr>
<tr>
<td>#ENVST 76A-D or 76A-H must be taken for a minimum of 3 units to satisfy Area 5</td>
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</tr>
</tbody>
</table>

Note: Any course listed in Area 5 that is also listed in another area may be used to satisfy both areas. However, the units may only be counted once.
Memo

Date: May 24, 2004  
To: All Counselors  
From: Steve Pantell, Counselor/Articulation Officer  
Cc: President Wesley  
Vice Presidents  
Deans  
Department Chairs  
CIC Co-Chairs

RE: 2004-2005 CSU GE ADVISING SHEET

Attached is the 2004-2005 CSU General Education advising sheet. In summary, here are the changes:

ADDITIONS
Area A1 - Oral Communication  
SPCH 46A-C, Interviewing and Business Communication (1 each level)  
Approved to remain in Area A1 with this footnote: "May be certified for Area A1 only if Speech 46A, 46B, and 46C completed."

Area B2 - Life Sciences  
BIOL 23, Introduction to the Human Body (3)  
LANHT 15, Botany (4)  
Same as BIOL 5 (already in Area B2)

Area B3 - Laboratory Activity  
LANHT 15, Botany (4)  
Same as BIOL 5 (already in Area B2)

Area D - Social, Political, and Economic Institutions and Behavior; Historical Background  
SPCH 10, Gender and Communication (3)

Area E - Lifelong Understanding and Self-Development  
COUN 24, College Success (3)  
Same as LRNRE 24

COUN 57, Career and Life Planning (3)  
Same as LRNRE 57

DELETIONS
Area C2 - Humanities  
PHIL 10, Logic (3)

U.S. History, Constitution, & American Ideals (CSU Graduation Requirement Only)  
AFRAM 30, African-American History: Africa to 1865 (3)  
AFRAM 31, African-American History: 1865-1945 (3)  
ASAME 45A, Asian-American History to 1945 (3)  
M/LAT 19, History of the Mexican-American (3)  
POSCI 15, Introduction to American Government (3)
APPENDIX B2

THIS DOCUMENT IS SUBJECT TO CHANGE. SEE A COUNSELOR EACH SEMESTER TO STAY CURRENT.

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS

Merritt College
2004 – 2005

CSU UPPER DIVISION (JUNIOR) TRANSFER REQUIREMENTS:

1. Complete a minimum of 60 transferable semester units with an overall grade point average of “C” (2.0). Non-residents and those with an F-1 visa need at least a 2.4 GPA.

2. Complete at least 30 of those units from the G.E. courses listed below, including all of Area A and Area B4 (Math) with grades of “C” or better. NOTE: For some campuses, you may not complete Areas A and B4 during your last semester before enrollment.

3. Preferred completion of all lower division major prerequisites (required by most impacted majors).

4. No more than 70 semester/105 quarter units are transferable to the CSU system.

CERTIFICATION OF GENERAL EDUCATION: Merritt College can provide full certification (completion of requirements in every area) or partial certification (completion of requirements in one or more areas). Students should request G.E. certification when asking that their transcript be sent to the CSU of their choice during the final term before transfer. CERTIFICATION MAY BE DONE ONE TIME ONLY.

IGETC: CSU lower division G. E. requirements may also be met by completing the Intersegmental General Education Transfer Curriculum (IGETC). However, certain restrictions may apply and IGETC is not recommended for all majors.  See a Counselor for more information.

NOTE: Courses with a (*) are listed in more than one area but may not be counted in more than one area.

<table>
<thead>
<tr>
<th>Legend: N=Needed  IP=In Progress C=Completed</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREA A - COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING</td>
<td></td>
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</tr>
<tr>
<td>Three courses, minimum of 9 semester (12-15 quarter) units, with at least one course each from Oral Communication (A1), Written Communication (A2), and Critical Thinking (A3), with a grade of “C” or better.</td>
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</tr>
<tr>
<td>A2. Written Communication: ENGL: 1A</td>
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<td></td>
</tr>
<tr>
<td>A3. Critical Thinking: ENGL: 5 (prerequisite of English 1A) PHIL: 10</td>
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</tbody>
</table>

| AREA B - PHYSICAL UNIVERSE AND ITS LIFE FORMS |
| Three courses, for a minimum of 9 semester (12-15 quarter) units, with at least one course each from Physical Sciences (B1), Life Sciences (B2), Laboratory Activity (B3), and Math/Quantitative Reasoning (B4). One of the two science courses from B1 or B2 must include a lab; lab courses are shown with (L). |

B1. Physical Sciences. At least one course from the following:

- ASTR: 1, 10, 11
- CHEM: 1A(L), 1B(L), 12A(L), 12B(L), 30A(L), 30B(L)
- GEOG: 1*, 10*
- GEOG: 1(L), 12
- PHYS: 2A(L), 2B(L), 4A(L), 4B(L), 4C(L), 10

B2. Life Sciences. At least one course from the following:

- ANTHR: 1
- BIOL: 1A(L), 1B(L), 2(L), 3(L), 4(L), 5(L)#, 10(L), 13, 15, 20A(L), 20B(L), 23, 24(L), 25, 29, 36(L)
- LANHT: 15(L)#

# BIOL 5 same as LANHT 15; maximum credit: 1 course

B3. Laboratory Activity. At least one course shown with (L) in Areas B1 or B2 OR one of the following:

- ANTHR: 1L
- ASTR: 20
- BIOL: 22A, 22B
- GEOG: 1L

B4. Math/Quantitative Reasoning: At least one course, with a grade of “C” or better, from the following:

- MATH: 1, 2, 3A, 3B, 3C, 3D, 13, 15, 16A, 16B, 50
APPENDIX B2, cont.

NOTE: Courses with a (*) are listed in more than one area but may not be counted in more than one area.

<table>
<thead>
<tr>
<th>AREA C - ARTS, LITERATURE, PHILOSOPHY AND FOREIGN LANGUAGES</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Three courses, for a minimum of 9 semester (12-15 quarter) units, with one course from Arts (C1), one course from Humanities (C2), and one course from either Arts or Humanities.</td>
<td>Legend: N=Needed  IP=In Progress  C=Completed</td>
<td>N</td>
</tr>
<tr>
<td>C1. Arts: At least one course from the following:</td>
<td>AFRAM: 21, 22A, 22B, 22C, 22D</td>
<td></td>
</tr>
<tr>
<td>ART: 1, 2, 3, 4, 9, 10, 12, 15</td>
<td>ASAME: 1</td>
<td></td>
</tr>
<tr>
<td>MUSIC: 1A, 9, 10, 11, 12A, 12B, 13A, 13B</td>
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<tr>
<td>C2. Humanities: At least one course from the following:</td>
<td>AFRAM: 30, 31, 32, 41, 42, 43</td>
<td>HIST: 2A, 2B, 7A, 7B, 8A, 8B, 14*</td>
</tr>
<tr>
<td>ASAME: 30*, 45A, 45B*</td>
<td>HUMAN: 15, 19*, 27*, 30A, 30B, 32*</td>
<td></td>
</tr>
<tr>
<td>CHIN: 1, 2</td>
<td>PHIL: 1, 2, 20A, 20B, 30</td>
<td></td>
</tr>
<tr>
<td>32A, 32B, 38, 40, 43, 44A, 44B, 46A, 46B</td>
<td>SWAHI: 1A, 38, 40</td>
<td></td>
</tr>
<tr>
<td>FREN: 1A, 1B, 2A, 2B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA D - SOCIAL, POLITICAL, AND ECONOMIC INSTITUTIONS AND BEHAVIOR; HISTORICAL BACKGROUND</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Three courses, for a minimum of 9 semester (12-15 quarter) units, with courses from at least two different disciplines.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AFRAM: 2, 5, 8, 10, 12, 14A, 14B, 19, 28#, 30*, 31*, 32*, 33, 34, 45</td>
<td>ENVST: 11</td>
<td></td>
</tr>
<tr>
<td>ANTHR: 2, 3, 4, 5, 7, 8, 13, 15, 16, 18</td>
<td>GEOG: 1*, 2, 5, 10*</td>
<td></td>
</tr>
<tr>
<td>ASAME: 20, 21, 29, 30*, 32*, 45A, 45B*</td>
<td>M/LAT: 6, 12, 19, 23, 28#</td>
<td></td>
</tr>
<tr>
<td>BUS: 52</td>
<td>POSCI: 1, 2, 3, 4, 15, 16, 20</td>
<td></td>
</tr>
<tr>
<td>CHDEV: 51 (formerly FACS 51), 53, 57A</td>
<td>PSYCH: 1A, 1B, 3, 6, 10, 12*, 24, 33</td>
<td></td>
</tr>
<tr>
<td>COSER: 10, 45*</td>
<td>SOC: 1, 2, 3, 5</td>
<td></td>
</tr>
<tr>
<td>ECON: 1, 2, 10, 11</td>
<td>SPCH: 6, 10</td>
<td></td>
</tr>
</tbody>
</table>

#AFRAM 28 same as M/LAT 28; maximum credit: 1 course

<table>
<thead>
<tr>
<th>AREA E - LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Some courses in this area are less than 3 units (COSER 16A, &amp; 20 [variable 2-3 units], LIS 85, RECSE 53 &amp; 58A-B). Students taking any course less than 3 units will need an additional course to earn the 3 units needed to clear this area.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One course, with a minimum of 3 semester (4-5 quarter) units, from the following:</td>
<td>ASAME: 32*</td>
<td>LIS: 85 (formerly LRNRE 85)</td>
</tr>
<tr>
<td>BUS: 52</td>
<td>LRNRE: 24#, 52, 57#</td>
<td></td>
</tr>
<tr>
<td>COSER: 16A, 20, 45*</td>
<td>NUTR: 10, 12 (formerly FACS 10 &amp; 12)</td>
<td></td>
</tr>
<tr>
<td>COUN: 24#, 57#</td>
<td>PSYCH: 12*</td>
<td></td>
</tr>
<tr>
<td>HLTED: 1</td>
<td>RECSE: 50, 52, 53, 55, 57, 58A, 58B</td>
<td></td>
</tr>
</tbody>
</table>

#COUN 24 same as LRNRE 24; maximum credit: 1 course
#COUN 57 same as LRNRE 57; maximum credit: 1 course

<table>
<thead>
<tr>
<th>UNITED STATES HISTORY, CONSTITUTION, AND AMERICAN IDEALS (CSU Graduation Requirement)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Two courses, one from Group 1 and one from Group 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 1. At least one course from the following:</td>
<td>HIST: 7A, 7B, 15</td>
<td></td>
</tr>
<tr>
<td>Group 2. At least one course from the following:</td>
<td>POSCI: 1, 16</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Up to six semester units taken to meet this requirement may also be used to satisfy CSU General Education-Breadth Requirements at the option of the receiving campus. However, the units are only counted once.

6/04
Memo

Date: May 24, 2004
To: All Counselors
From: Steve Pantell, Counselor/Articulation Officer
Cc: President Wesley
    Vice Presidents
    Deans
    Department Chairs
    CIC Co-Chairs

RE: 2004-2005 IGETC ADVISING SHEET

Attached is the 2004-2005 IGETC advising sheet. In summary, here are the changes:

ADDITIONS

Area 3A - Arts
ART 15, California Art History, 1850-2000 (3)
MUSIC 9, Introduction to World Music (3)

Area 3B - Humanities
HIST 14, San Francisco Bay Area from Discovery to Present* (3)

Area 4 - Social and Behavioral Sciences
HIST 14, San Francisco Bay Area from Discovery to Present* (3)
PSYCH 10, Psychology and Life: Basic Principals (3)

Area 5B - Biological Sciences
BIOL 23, Introduction to the Human Body (3)
BIOL 36, Human Genetics (4)
LANHT 15, Botany (4)
    Same as BIOL 5 (already in Area 5B)

DELETIONS

U.S. History, Constitution, & American Ideals (CSU Graduation Requirement Only)
AFRAM 30, African-American History: Africa to 1865 (3)
AFRAM 31, African-American History: 1865-1945 (3)
ASAME 45A, Asian-American History to 1945 (3)
M/LAT 19, History of the Mexican-American (3)
POSCI 15, Introduction to American Government (3)

*Listed in more than one area
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

Merritt College
2004 - 2005

CAUTION: IGETC may not be the best option for transfer, particularly for majors such as Engineering, Computer Science, Biology, and Business. See a Counselor for more information.

GENERAL EDUCATION: Completion of IGETC satisfies all lower division general education requirements at most CSU and UC campuses, and at some Independent Colleges and Universities. It is not an admission requirement nor is it the only way to fulfill lower division G.E. requirements.

CERTIFICATION: All courses must have a grade of “C” or better and must be completed before transfer (except in unusual circumstances and only when they occur in the final term before transfer). See a Counselor for more information.

NOTE: Courses with a (*) are listed in more than one Area but may not be counted in more than one Area.

Legend: N=Needed IP=In Progress C=Completed

<table>
<thead>
<tr>
<th>AREA 1 - ENGLISH COMMUNICATION</th>
<th>Legend: N=Needed IP=In Progress C=Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC requires two courses, one from Group A and one from Group B. CSU requires three courses, one from Group A, one from Group B, and one from Group C.</td>
<td>N</td>
</tr>
<tr>
<td>Group A - English Composition: One course, (3 semester or 4-5 quarter units), from:</td>
<td></td>
</tr>
<tr>
<td>ENGL: 1A</td>
<td></td>
</tr>
<tr>
<td>Group B - Critical Thinking - English Composition: One course, (3 semester or 4-5 quarter units), from:</td>
<td></td>
</tr>
<tr>
<td>ENGL: 5</td>
<td></td>
</tr>
<tr>
<td>Group C - Oral Communication (CSU only): One course, (3 semester or 4-5 quarter units), from:</td>
<td></td>
</tr>
<tr>
<td>SPCH: 4, 20, 45</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA 2 - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING</th>
<th>Legend: N=Needed IP=In Progress C=Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>One course, (3 semester or 4-5 quarter units), from:</td>
<td>N</td>
</tr>
<tr>
<td>MATH: 1, 2, 3A, 3B, 3C, 3D, 13, 16A, 16B</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA 3 - ARTS AND HUMANITIES</th>
<th>Legend: N=Needed IP=In Progress C=Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>At least three courses, (9 semester or 12-15 quarter units), with one course from Arts, one course from Humanities, and one course from either Arts or Humanities.</td>
<td>N</td>
</tr>
<tr>
<td>A. Arts</td>
<td></td>
</tr>
<tr>
<td>ART: 1, 2, 3, 4, 9, 10, 12, 15</td>
<td></td>
</tr>
<tr>
<td>ASAME: 1</td>
<td></td>
</tr>
<tr>
<td>MUSIC: 9, 10, 11, 12A, 12B, 13A, 13B</td>
<td></td>
</tr>
<tr>
<td>B. Humanities</td>
<td></td>
</tr>
<tr>
<td>AFRAM: 30*, 31*, 32*, 41, 42, 43</td>
<td></td>
</tr>
<tr>
<td>ASAME: 30*, 45A*, 45B*</td>
<td></td>
</tr>
<tr>
<td>CHIN: 2</td>
<td></td>
</tr>
<tr>
<td>FREN: 2A, 2B</td>
<td></td>
</tr>
<tr>
<td>HUMAN: 2</td>
<td></td>
</tr>
<tr>
<td>PHIL: 1, 2, 20A, 20B, 30</td>
<td></td>
</tr>
<tr>
<td>SPAN: 1B, 2A, 2B, 22B, 38, 40</td>
<td></td>
</tr>
</tbody>
</table>

51
### APPENDIX C2, cont.

<table>
<thead>
<tr>
<th>Legend: N=Needed  IP=In Progress  C=Completed</th>
<th>N</th>
<th>IP</th>
<th>C</th>
</tr>
</thead>
</table>

#### AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES
At least three courses, (9 semester or 12-15 quarter units), from the following. Courses must come from at least two disciplines or an interdisciplinary sequence.

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFRAM:</td>
<td>5, 8, 10, 12, 19, 30*, 31*, 32*, 33, 34, 45</td>
</tr>
<tr>
<td>GEOG:</td>
<td>2, 5, 10</td>
</tr>
<tr>
<td>ANTHR:</td>
<td>2, 3, 4, 5, 7, 8, 13, 15, 16, 18</td>
</tr>
<tr>
<td>CHDEV:</td>
<td>20, 21, 29, 30*, 32, 45A*, 45B*</td>
</tr>
<tr>
<td>COSER:</td>
<td>51 (formerly FACS 51)</td>
</tr>
<tr>
<td>ECON:</td>
<td>1, 2, 10</td>
</tr>
<tr>
<td>ENVST:</td>
<td>11</td>
</tr>
<tr>
<td>M/LAT:</td>
<td>6, 12, 19, 23</td>
</tr>
<tr>
<td>PSYCH:</td>
<td>1, 2, 3, 4, 15, 20</td>
</tr>
<tr>
<td>SOC:</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>SPCH:</td>
<td>6</td>
</tr>
</tbody>
</table>

#### AREA 5 - PHYSICAL SCIENCES AND BIOLOGICAL SCIENCES
At least two courses, (7-9 semester or 9-12 quarter units), with one course from Physical Science and one course from Biological Science; one course must include a lab (lab courses are shown with (L)).

##### A. Physical Sciences. One course from:

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR:</td>
<td>1 (add ASTR 20 to clear lab requirement), 10 (add ASTR 20 to clear lab requirement)</td>
</tr>
<tr>
<td>CHEM:</td>
<td>1A(L), 1B(L), 12A(L), 12B(L), 30A(L), 30B(L)</td>
</tr>
<tr>
<td>GEOG:</td>
<td>1</td>
</tr>
<tr>
<td>GEOL:</td>
<td>1(L), 12</td>
</tr>
<tr>
<td>PHYS:</td>
<td>2A(L), 2B(L), 4A(L), 4B(L), 4C(L), 10</td>
</tr>
</tbody>
</table>

##### B. Biological Sciences. One course from:

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR:</td>
<td>1 (add ANTHR 1L to clear lab requirement)</td>
</tr>
<tr>
<td>BIOL:</td>
<td>1A(L), 1B(L), 2(L), 3(L), 4(L), 5(L)#, 10(L), 13, 15, 20A(L), 20B(L), 23, 25, 36(L)</td>
</tr>
<tr>
<td>LANHT:</td>
<td>15(L)#</td>
</tr>
</tbody>
</table>

#BIOL 5 same as LANHT 15; maximum credit: 1 course

##### C. Laboratory Activity. One course shown with (L) in Areas 5A or 5B above.

### LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)

One of the following options:

1. Complete 2 years of the same foreign language in high school with a grade of "C" or better (verified by official high school transcript on file at the Peralta District Office); OR
2. Score 3 or higher on the Foreign Language Advanced Placement Test; OR
3. Score 5 or higher on the International Baccalaureate Higher Level Exams in language other than English; OR
4. Score 550 or higher on the College Board Achievement Test in Foreign Language; OR
5. Complete, with C grades or better, two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. Appropriate documentation must be presented to substantiate that the required coursework was completed; OR
6. Complete one course, (4-5 semester units), from the following:

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN:</td>
<td>1 or higher#</td>
</tr>
<tr>
<td>FREN:</td>
<td>1A or higher#</td>
</tr>
<tr>
<td>SPAN:</td>
<td>1A or higher#, 22A or higher#</td>
</tr>
<tr>
<td>SWAHI:</td>
<td>1A or higher#</td>
</tr>
</tbody>
</table>

Completed in High School: __________________________ Score: ___________ Date: _____________

#NOTE: Courses above the proficiency level (1A or 22A) may be used to meet this requirement.

### U.S. HISTORY, CONSTITUTION, & AMERICAN IDEALS (CSU Graduation Requirement Only)

Complete two courses (6 units), with one course from Group 1 and one course from Group 2. This is not an IGETC requirement although taking these courses before transferring to any CSU campus is suggested.

#### Group 1

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST:</td>
<td>7A, 7B, 15</td>
</tr>
</tbody>
</table>

#### Group 2

<table>
<thead>
<tr>
<th>Disciplines</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>POSCI:</td>
<td>1, 16</td>
</tr>
</tbody>
</table>

NOTE: Courses used to meet this requirement may not also be used to satisfy IGETC requirements in Areas 3 or 4.

6/04
APPENDIX D

GENERAL EDUCATION REQUIREMENTS 2004-05

AREA ONE: NATURAL SCIENCES

One course with a minimum of 3 semester units from the following is required:
- ANTHR: 1
- ASTR: 1, 10
- BIOL: 1A, 1B, 2, 3, 4, 5*, 9, 10, 13, 15, 20A, 20B, 23, 24, 25, 29, 36
- CHEM: 1A, 1B, 12A, 12B, 30A, 30B
- GEOG: 1, 10
- GEOL: 1, 12
- LANHT: 1, 15*^, 19*^, 23, 24, 25, 29, 36
- NUTR: 10*, 12^*
- PHYS: 2A, 2B, 4A, 4B, 4C, 10
- PSYCH: 12**
  * Nutr 10 (formerly Facs 10) is the same as Biol 31 at Alameda and Biol 28 at Laney; maximum credit: one course.
  ** Lanht 15 is the same as Biol 5; maximum credit: one course.
  ** Formerly Facs 12.
  ** Psych 12 is the same as Biol 27 and Psych 12 at Laney and Vista and Hlted 27 at Vista; maximum credit: one course.

AREA TWO: SOCIAL AND BEHAVIORAL SCIENCES

One course with a minimum of 3 semester units from the following is required:
- AFRAM: 2, 5, 8, 10, 12, 14A, 14B, 16, 19*, 28**, 30, 31, 32, 33, 34, 45
- ANTHR: 2, 3, 4, 5, 7, 8, 13, 15, 16, 18, 30A-D
- ASAME: 1, 30
- CHIN: 1, 2
- FREN: 1A, 1B, 2A, 2B, 22A, 22B, 30A, 30B
- HUMAN: 2
- M/LAT: 28*, 30A, 30B
- MUSIC: 1A, 9, 10, 11, 12A, 12B, 13A, 13B
- PHIL: 1, 2, 10, 20A, 20B, 30
- SPAN: 1A, 1B, 2A, 2B, 22A, 22B, 30A, 30B, 31A, 31B, 38, 40
- SWAHI: 1A, 1B
  * Afram 28 is the same as M/Lat 28; maximum credit: one course.

AREA THREE: HUMANITIES

One course with a minimum of 3 semester units from the following is required:
- AFRAM: 21, 22A, 22B, 22C, 22D, 28*, 41, 42, 43, 45
- ANTHR: 7, 8
- ART: 1, 2, 3, 4, 9, 10, 11, 12, 15
- ASAME: 1, 30
- CHIN: 1, 2
- FREN: 1A, 1B, 2A, 2B, 22A, 22B, 30A, 30B
- HUMAN: 2
- M/LAT: 28*, 30A, 30B
- MUSIC: 1A, 9, 10, 11, 12A, 12B, 13A, 13B
- PHIL: 1, 2, 10, 20A, 20B, 30
- SPAN: 1A, 1B, 2A, 2B, 22A, 22B, 30A, 30B, 31A, 31B, 38, 40
- SWAHI: 1A, 1B

AREA FOUR: LANGUAGE AND RATIONALITY

One course must be completed in each sub-area (a, b, c, d):

a. English Composition: One course with a minimum of 3 semester units and a grade of "C" or better from the following:
   - ENGL: 1A, 1B, 5, 201A, 201B, 203A, 203B
   - ESL: 21A, 21B
b. **Mathematics:** May be met by **one** of two options listed below:

**Option 1: One course** with a minimum of **3 semester units** and a grade of "**C**" or better from the following:

- **MATH:** 1, 2, 3A, 3B, 3C, 3D, 13, 15, 16A, 16B, 50, 201, 202, 203

or

**Option 2: Credit by Examination of Math 201:** Students must earn a grade of "**C**" or better on the exam to earn 4 units of credit toward the degree requirement. The exam can be taken only once and is offered by the Math Department each semester during finals week. The Credit by Exam Form (available in the Admissions and Records Office) will be used to record the exam grade on the student's transcript.

c. **Computer Literacy:** **One course** with a minimum of **one (1) semester unit** from the following:

- **BUS:** 24, 29A
- **CIS:** All courses with a minimum value of one unit and numbered 1 through 248, except 211 at Laney.
- **LRNRE:** 211A-B

d. **Oral and Written Communications, or Literature:** **One course** with a minimum of **3 semester units** from the following:

- **AFRAM:** 41, 42, 43
- **ENGL:** All courses numbered 1 through 247, except 48s, 49s, 202, 205, 206A, 206B, 208.
- **ESL:** 21A, 21B
- **SPCH:** 4, 6, 10, 15A, 15B, 20, 45, 46A-46B-46C*

*Must take all three levels, and earn 3 units, to satisfy Area 4d requirements.

---

**Area Five: Ethnic Studies**

**One course** with a minimum of **3 semester units** from the following:***

- **AFRAM:** 2, 5, 8, 10, 12, 14A, 14B, 16, 19*, 21, 22A, 22B, 22C, 22D, 28**, 30, 31, 32, 33, 41, 42, 43, 45
- **ANTHR:** 5
- **ART:** 10, 15
- **ASAME:** 20, 21, 30, 32, 45A, 45B
- **ENVST:** 76A-D*+, 78A-H*+
- **M/LAT:** 6*, 12, 19*, 23, 28**, 30A

* Afram 19 is the same as M/Lat 6; maximum credit: one course.

** Afram 28 is the same as M/Lat 28; maximum credit: one course.

*+ Each course must be taken for a minimum of 3 units to satisfy Area 5 requirements.

** M/Lat 19 is the same as Hist 17 at Alameda, Laney and Vista; maximum credit: one course.

*** If a course from this area (Area 5) is completed in Social and Behavioral Sciences (Area 2) or Humanities (Area 3) or Oral and Written Communications (Area 4d), it can also satisfy the Ethnic Studies (Area 5) requirement. However, the units are only counted once.

**Important Notes:**

1. Some majors include courses that appear on the Merritt College General Education Course List. The courses may be used to meet both the major and the General Education requirements provided that the total is 37 or more units. A course may be used one time for the major and one time only for the General Education requirements, even though the course may be listed in several category areas. While a course might satisfy more than one General Education requirement, it may NOT be counted in more than one area (see exception for Ethnic Studies, Area 5).

2. Out-of-district and/or out-of-state courses will be individually evaluated through the Counseling Office to determine if they fulfill the Merritt College General Education requirements. For information regarding this process, students should contact the Counseling Office in Building P, Room 300.