12B. +Introduction to Music Literature: 3 units
Romantic Period to Present
3 hours lecture
Music 12A is not prerequisite to Music 12B
Acceptable for credit: CSU, UC
Musical contributions of the 19th and 20th centuries.
AA/AS area 3; CSU area C1; IGETC area 3

13A. +Introduction to Opera 3 units
3 hours lecture
Acceptable for credit: CSU, UC
Survey of Italian, American, and Russian opera: Designed to provide general knowledge of opera by study of selected operatic masterworks through classroom listening, films, lectures, and opera attendance.
AA/AS area 3; CSU area C1; IGETC area 3

13B. +Introduction to Opera 3 units
3 hours lecture
Acceptable for credit: CSU, UC
Survey of French, English, and German opera: Designed to provide general knowledge of opera by study of selected operatic masterworks through classroom listening, films, lectures, and opera attendance.
AA/AS area 3; CSU area C1; IGETC area 3

26A-D. +Choral Ensemble 1 unit each level
1 hour lecture, 2 hours laboratory
Acceptable for credit: CSU, UC (pending)
Prerequisite: Ability to sing acceptably determined by instructor through audition; must be a member of a musical activity group.
Course study under this section may be repeated three times.

38A-D. +Elementary Piano 1 unit each level
1 hour lecture, 2 hours laboratory
Acceptable for credit: CSU, UC
Course study under this section may be repeated three times.
Basic piano techniques and theory: Scales, arpeggios, and chord structures.

40A-D. +Intermediate Piano 1 unit each level
1 hour lecture, 2 hours laboratory
Acceptable for credit: CSU, UC
Course study under this section may be repeated three times.
Development of fundamental techniques: Repertoire of selected pieces from the masters; some sightreading, ensemble playing, and accompanying playing; and application of theory to problems.

46A-D. +Voice 1 unit each level
1 hour lecture, 2 hours laboratory
Acceptable for credit: CSU, UC
Course study under this section may be repeated three times.
Study of correct breathing, tone production, vocal technique, diction, stage deportment, and song repertoire. Solo performance from memory is required.

48NA-TZ. +Selected Topics in Music .5-5 units
See section on Selected Topics.

49. +Independent Study in Music .5-5 units
Course study under this section may be repeated three times.

NATURAL SCIENCES

The AS degree in Natural Sciences will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements.

Degree Major Requirements:
Completion of at least 18 units in courses from the Natural Sciences (Area One of the General Education Course List):

Choose at least one course from the following:

- BIOL 1A General Biology (5)
- CHEM 1A General Chemistry (5)
- GEOG 1 Physical Geography (3)
- PHYS 4A General Physics (5) 3-5

Plus remaining units selected from the following list:

- ANTHR 1 Introduction to Physical Anthropology (3)
- ASTR 1 Introduction to Astronomy (3)
- ASTR 10 Descriptive Astronomy (3)
- BIOL 1A-B General Biology (5-5)
- BIOL 2 Human Anatomy (5)
- BIOL 3 Microbiology (5)
- BIOL 4 Human Physiology (5)
- BIOL 5 Plant Biology (4)
- BIOL 9 Marine Biology (3)
- BIOL 10 Introduction to Biology (4)
- BIOL 13 Principles of Ecology (3)
- BIOL 15 Environmental Biology (3)
- BIOL 20A-B Human Anatomy and Physiology (5-5)
- BIOL 24 Basic Human Anatomy and Physiology (4)
- BIOL 25 Human Biology (3)
- BIOL 29 Biology of the Living World (4)
The Associate Degree Nursing (ADN) program is accredited by the California Board of Registered Nursing. This program is designed to prepare students for beginning positions in Registered Nursing. Upon successful completion of the program, students are eligible to take the state licensing examination for registered nurses. The course of study includes instruction in applied nursing sciences, related natural and social/behavioral sciences, and clinical nursing experience in hospitals located in Alameda County.

The AS degree in Nursing will be awarded upon satisfactory completion of the Group A Prerequisite requirements, the Group B General Education/Graduation requirements, and the Group C Major course requirements.

Applications are accepted each year from October 1 – March 1 for the class admitted the following Fall semester. All applications with supporting data (all transcripts, etc.) must be received no later than March 1. Applications may be hand delivered or mailed to the Merritt College Associate Degree Nursing Program. Nonresident foreign students must first be cleared for admission through the International Student Advisor's Office. It is required that all students interested in the Nursing program see a counselor for guidance in preparation for the program and evaluation of prerequisites prior to applying.

NO MATERIALS WILL BE ACCEPTED AFTER THE APPLICATION DEADLINE DATES. LATE OR INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.

Eligibility/Admission Requirements:

1. The student must be a graduate of an accredited high school or have passed the GED test or equivalent.
2. All prerequisite courses in Group A must be completed before applying for admission into the program.
   • Each Group A course must be completed with a grade of “C” or better (letter grade only) with an overall grade-point average (GPA) of 2.5 or better (”C-“ is not acceptable).
   • Anatomy, Physiology, and Microbiology courses must have been taken within the last seven years.
3. A recent (within 6 months) physical examination certifying good physical health must be satisfactorily completed, at the student’s own expense, and results submitted two weeks prior to the start of the Fall semester.
4. CPR (Basic Life Support) certification must be current within one year at the time of application and must remain current throughout the length of the program.
5. The student must have proof of negative results of annual Tuberculosis (TB) screening.
6. Upon enrollment to the college, students should obtain an Initial Evaluation Request Form from the college’s Ad-
missions and Records Office for courses completed at other colleges or universities. Foreign transcripts must be sent to World Education Services for evaluation and Berlitz Translation Services for translation. Forms may be obtained from the Counseling Office.

7. Nonresident foreign students must see the International Student Advisor before applying.

8. Two sets of official transcripts from all colleges outside of the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Allied Health Department (D102) at Merritt. Coursework taken at a Peralta College is available already; therefore, it is not necessary to send transcripts for coursework completed in the Peralta District.

**Group A – Prerequisite Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 20A</td>
<td>Human Anatomy and Physiology (5)</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>BIOL 2 Human Anatomy (5)</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 20B</td>
<td>Human Anatomy and Physiology (5)</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>BIOL 4 Human Physiology (5)</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 3</td>
<td>Microbiology</td>
<td>5</td>
</tr>
<tr>
<td>MATH 201</td>
<td>Elementary Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

Total required prerequisite units: 19

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

Although Group B courses meet General Education/Graduation requirements and can be completed prior to or after admission into the ADN Program, it is highly recommended that these courses be completed prior to admission into the program. They must be completed with an overall GPA of 2.0 (“C”). Some of these courses may have prerequisites.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ENGL 1A</td>
<td>Composition and Reading**</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1B</td>
<td>Composition and Reading (4)**</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>ENGL 5 Critical Thinking in Reading and Writing (3)**</td>
<td>3-4</td>
</tr>
<tr>
<td>PSYCH 1A</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology (3)</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>ANTHR 3 Introduction to Social and Cultural Anthropology (3)</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 20</td>
<td>Interpersonal Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>Plus:</td>
<td>Computer Literacy requirement (1)*^</td>
<td>1</td>
</tr>
<tr>
<td>And:</td>
<td>Ethnic Studies requirement (3)*^</td>
<td>3</td>
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</tbody>
</table>

Total required GE/graduation units: 20-21

**Group C – Degree Major Requirements:**

The following courses are to be completed after admission into the ADN program. These courses must be completed with a grade of “C” or better in lecture and satisfactory clinical performance in each section of a course (“C-” is not acceptable):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 1</td>
<td>Beginning Principles of Health Care</td>
<td>9</td>
</tr>
<tr>
<td>NURS 3A</td>
<td>Maternity Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3B</td>
<td>Pediatric Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4A</td>
<td>Intermediate Medical-Surgical Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4B</td>
<td>Psychiatric Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 5</td>
<td>Advanced Medical-Surgical Nursing: Disruption in Homeostasis</td>
<td>9</td>
</tr>
<tr>
<td>NURS 10</td>
<td>Leadership and Management</td>
<td>1</td>
</tr>
<tr>
<td>NURS 11</td>
<td>Ethics and Law</td>
<td>1</td>
</tr>
<tr>
<td>NURS 12</td>
<td>Calculation of Drug Dosages for Health Professionals</td>
<td>1</td>
</tr>
<tr>
<td>NURS 13</td>
<td>Pharmacology in Nursing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total required major units: 40

Total required program units: 79-80

Students with prior experience in the healthcare field, such as Licensed Vocational Nursing (LVN), may apply to challenge courses within the Nursing curriculum and seek advanced placement in the program. Contact the Allied Health Department for details. For written information regarding advanced placement, challenge by examination, transfer, or the 30-unit option (BRN Regulation, Section 2736.6), contact the Allied Health Department Office located in Building D, Room 102.

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1. **Beginning Principles of Health Care**  9 units

4 hours lecture, 12 hours hospital/laboratory, 3 hours skills laboratory

**Prerequisite:** Biol 2 or 20A, and Biol 3, and Biol 4 or 20B, and Math 201 or 210D or (204B), and CPR (BLS) certification or Hltd 11, and health clearances: physical examination and negative TB test results

**Corequisite:** Nurs 12

**Acceptable for credit:** CSU

Introduction to the profession of nursing in historical, contemporary, and factual perspectives: Nursing fundamentals and the changing philosophy of health care, current concepts of health and illness underlying present practices, emerging trends in nursing with an emphasis on homeostasis as it relates to the promotion and conservation of the individual, family, and community health; nursing process and the use of nursing diagnoses. Clinical experience focuses on fundamental and beginning nursing skills in caring for selected medical-surgical patients experiencing a disruption in homeostasis. 1203.00
### 3A. Maternity Nursing

2 hours lecture, 6 hours laboratory  
**Prerequisite:** Nurs 1  
**Prerequisite or corequisite:** Nurs 13  
**Acceptable for credit:** CSU

Theory and guided practice in working with other nursing and health-team members in providing comprehensive care of the child-bearing family in maternity hospital settings. Clinical experience focuses on assuming responsibility for planning, implementing and evaluating nursing care of patients using homeostasis as a base, and the nursing process as a tool for intervention.

*1203.00*

### 3B. Pediatric Nursing

2 hours lecture, 6 hours laboratory  
**Prerequisite:** Nurs 1  
**Prerequisite or corequisite:** Nurs 13  
**Acceptable for credit:** CSU

Theory and guided practice in working with other nursing and health-team members in providing comprehensive care of infants and children in pediatric hospital settings. Clinical experience focuses on assuming responsibility for planning, implementing and evaluating nursing care of patients using homeostasis as a base, and the nursing process as a tool for intervention.

*1203.00*

### 4A. Intermediate Medical-Surgical Nursing

2 hours lecture, 6 hours laboratory  
**Prerequisite:** Nurs 1  
**Prerequisite or corequisite:** Nurs 13  
**Acceptable for credit:** CSU

Theory and guided practice in working with nursing and health-team members in providing comprehensive care of adults in medical, surgical and geriatric clinical settings. Clinical experience focuses on assuming responsibility for planning, implementing and evaluating care of patients with increasingly complex levels of physical, social and emotional disruption and adaptation of homeostasis.

*1203.00*

### 4B. Psychiatric Nursing

2 hours lecture, 6 hours laboratory  
**Prerequisite:** Nurs 1  
**Prerequisite or corequisite:** Nurs 13  
**Acceptable for credit:** CSU

Theory and guided practice in working with nursing and health-team members in providing comprehensive care of adults in psychiatric clinical settings. Clinical experience focuses on assuming responsibility for planning, implementing and evaluating care of patients with increasingly complex levels of physical, social and emotional disruption and adaptation of homeostasis.

*1203.00*

### 5. Advanced Medical-Surgical Nursing: Disruption in Homeostasis

4 hours lecture, 15 hours laboratory  
**Prerequisite:** Nurs 3 and 4  
**Acceptable for credit:** CSU

An in-depth approach to the study of illness: Introduction to beginning practice in advanced medical-surgical nursing and leadership and management with combined lecture, demonstration and clinical experience. Clinical experience focuses on caring for critically ill patients with disruption in homeostasis, and beginning activities in leadership and management.

*1203.00*

### 10. Leadership and Management

1 hour lecture  
**Corequisite:** Nurs 5  
**Acceptable for credit:** CSU

Examination of various leadership and management styles, healthcare politics, and healthcare delivery systems; and examination of student nurse's own leadership style and evaluation of its effectiveness.

*1203.00*

### 11. Ethics and Law

1 hour lecture  
**Acceptable for credit:** CSU

Values and rights of patients and health professionals: Ethical and legal problems encountered by nurses, legal issues confronting practicing nurses, and legal boundaries of nurse conduct.

*1203.00*

### 12. Calculation of Drug Dosages for Health Professionals

1 hour lecture  
**Prerequisite:** Math 201 or 210D or (204B)  
**Also offered as Hltoc 12. Not open for credit to students who have completed or are currently enrolled in Hltoc 12.**  
**Acceptable for credit:** CSU

Calculation of the correct amount of prescribed medication and fluids to be given to patients: Weights and measures used in the prescription and administration of medications, and the ability to use mathematical skills in calculating medication dosages.

*1203.00*

### 13. Pharmacology in Nursing

3 hours lecture  
**Prerequisite:** Nurs 1  
**Acceptable for credit:** CSU

Description and study of general and specific classes of drugs: Mechanisms of their actions, interactions, symptoms of toxicity, and common drugs in each group; and state and federal drug legislation.

*1203.00*
14. Nutrition and Diet Therapy in Nursing

2 hours lecture
Prerequisite: Nurs 1
Acceptable for credit: CSU
Basic principles of human nutrition and fundamentals of diet therapy: Nutrients, their function and food sources, and problems of excess and deficiency; dietary guidelines for health promotion and disease prevention; 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. 1203.00

15A. ++LVN-ADN Exam

.5 unit
8 term hours lecture
Passage of the LVN-ADN Exam is required for admission to the Associate Degree Nursing (ADN) program with advanced placement.
Orientation to the Associate Degree Nursing (ADN) program and examination of LVN (Licensed Vocational Nurse) applicants to the program: Includes a discussion of the Associate degree Nursing curriculum, and administration of the Merritt College Nursing program’s Exam for LVNs. 1203.00

15B. Pre-Nursing Articulation for LVNs

4.5 units
4.5 hours lecture
A bridge course for LVNs (Licensed Vocational Nurse) receiving advanced placement in the Associate Degree Nursing program which provides the course content necessary for the transition of the LVN into the role of the Nursing student. 1203.00

260A-D. ++Nursing Skills Lab

.5-2 units
Module I: .5 unit; Module II: 1 unit; Module III: 1.5 units; Module IV: 2 units
1.5-6 hours laboratory (varies per module)
Open-entry/open-exit, modular course
Corequisite: Nurs 1 or 3A or 3B or 4A or 4B or 5
Course study under this section may be repeated three times.
Nursing skills lab for AD Nursing students to improve skills in a controlled environment: Forum to practice skills in a self-paced atmosphere. 1203.00

270. ++Survey of Nursing Programs and Professions

.5 unit
.5 hours lecture (or 9 term hours lecture)
Non-degree applicable
Introduction to nursing roles and professions in the healthcare fields: Discussion of levels of healthcare delivery responsibilities, issues and compensation. 1203.00

275. ++Associate Degree Nursing Orientation

.5 unit
.5 hour lecture
Non-degree applicable
Overview of the nursing program: Requirements of the program, time commitment, scheduling of pre-clinical hours and clinical hours. 1203.00

348NA-TZ. +Selected Topics in Nursing

.5-9 units
Non-degree applicable
See section on Selected Topics. 1203.00

48NA-TZ. +Selected Topics in Nursing

.5-9 units
See section on Selected Topics. 1203.00

49. +Independent Study in Nursing

.5-5 units
Course study under this section may be repeated three times.
See section on Independent Study. 1203.00

248NA-TZ. +Selected Topics in Nursing

.5-9 units
See section on Selected Topics. 1203.00
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 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>NUTR 200A-B</td>
<td>Introduction to Institutional Food</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Service (1-2)</td>
<td></td>
</tr>
<tr>
<td>NUTR 246</td>
<td>Occupational Work Experience in</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Nutrition and Dietetics (1-4)</td>
<td></td>
</tr>
</tbody>
</table>

Total required units: 7

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 Dietary 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>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>NUTR 10</td>
<td>Nutrition</td>
<td>4</td>
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<tr>
<td>or</td>
<td>BIOL 28</td>
<td>3-4</td>
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<td>or</td>
<td>BIOL 28</td>
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<tr>
<td>BIOL 31</td>
<td>Nutrition</td>
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<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>2</td>
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<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
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<tr>
<td>NUTR 240A</td>
<td>Career Education in Dietary Management</td>
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<tr>
<td>NUTR 241A</td>
<td>Occupational Work Experience in Dietary Management (1-4)</td>
<td>2</td>
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</table>

Total required units: 16-17

DIETETIC TECHNOLOGY

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</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td>BIOL 31</td>
<td>3-4</td>
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<tr>
<td>NUTR 12</td>
<td>Medical Nutrition</td>
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<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>
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<tr>
<td>NUTR 32</td>
<td>Supervision and Training</td>
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<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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Total required certificate units: 16-17
Group B – Degree Major Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</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 and Health Care</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 223</td>
<td>The Culinary Art of Modified Diets</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 226</td>
<td>Introduction to Computer Systems in Dietetics</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 240B</td>
<td>Career Education in Dietetic Technology I</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 240C</td>
<td>Career Education in Dietetic Technology II</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 241B</td>
<td>Occupational Work Experience in Dietetic Technology I (1-4)</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 241C</td>
<td>Occupational Work Experience in Dietetic Technology II (1-4)</td>
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<td>Total required major units:</td>
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Recommended:

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<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>NUTR 50A-C</td>
<td>Practical Nutrition for Children (1-1-1)</td>
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<tr>
<td>NUTR 200A-B</td>
<td>Introduction to Institutional Food Service (1-2)</td>
<td></td>
</tr>
<tr>
<td>NUTR 246</td>
<td>Occupational Work Experience in Nutrition and Dietetics or Culinary Arts Courses (at Laney College or other accredited institutions)</td>
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</table>

Group C – General Education/Graduation Requirements:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<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>
<td></td>
<td>Total required GE/graduation units:</td>
<td>32-33</td>
</tr>
<tr>
<td></td>
<td>Total required program units:</td>
<td>60</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.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 24</td>
<td>Basic Human Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>CIS 205</td>
<td>Computer Literacy or Other Area 4c course</td>
<td>1</td>
</tr>
<tr>
<td>HLTOC 201</td>
<td>Medical Terminology I or Nutrition (4)</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 10</td>
<td>Nutrition (4) or Human Nutrition (3)</td>
<td></td>
</tr>
<tr>
<td>BIOL 28</td>
<td>Nutrition (4) or Sanitation and Safety</td>
<td>3-4</td>
</tr>
<tr>
<td>NUTR 30</td>
<td>Supervision and Training</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total units:</td>
<td>15-16</td>
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</table>

**Spring (second semester):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</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>
</tr>
<tr>
<td>NUTR 240A</td>
<td>Career Education in Dietary Management I</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 241A</td>
<td>Occupational Work Experience in Dietary Management I (1-4)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total units:</td>
<td>15</td>
</tr>
</tbody>
</table>

**Summer Session:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 223</td>
<td>The Culinary Art of Modified Diets</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total units:</td>
<td>1</td>
</tr>
</tbody>
</table>

**Fall (third semester):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 3</td>
<td>Introduction to Social and Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 201A**</td>
<td>Preparation for Composition and Reading</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 240B</td>
<td>Career Education in Dietetic Technology I</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 241B</td>
<td>Occupational Work Experience in Dietetic Technology I (1-4)</td>
<td>2</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>Total units:</td>
<td>15</td>
</tr>
</tbody>
</table>

**Spring (fourth semester):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 220</td>
<td>Cultural Foods in Education and Health Care</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 226</td>
<td>Introduction to Computer Systems in Dietetics</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 240C</td>
<td>Career Education in Dietetic Technology II</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 241C</td>
<td>Occupational Work Experience in Dietetic Technology II (1-4)</td>
<td>2</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>2-3</td>
</tr>
<tr>
<td></td>
<td>Total units:</td>
<td>13-14</td>
</tr>
<tr>
<td></td>
<td>Total required program units:</td>
<td>60</td>
</tr>
</tbody>
</table>

*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.

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

1. +Survey of Nutrition and Dietetics 1 unit

1 hour lecture

Acceptable for credit: CSU

Exploration of the professional scope of practice and career and educational opportunities in the nutrition and dietetics field: History of the profession; legal issues; roles, skills and required competencies in the field; professional code of ethics; program requirements and plan of completion; and career planning and development of a career portfolio. 1306.20
### NUTRITION & DIETETICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. +Nutrition</td>
<td>4 units</td>
<td>4 hours lecture</td>
<td>Not open for credit to students who have completed or are currently enrolled in Biol 28 or Biol 31. Formerly offered as Facs 10. Acceptable for credit: CSU, UC [CAN FCS 2] Basic principles of human nutrition: Nutrients, their function and food sources, and problems of excess and deficiency; dietary guidelines for health promotion and disease prevention. AA/AS area 1; CSU area E 1306.20</td>
</tr>
<tr>
<td>12. +Medical Nutrition</td>
<td>3 units</td>
<td>3 hours lecture</td>
<td>Prerequisite: Nutr 10 or (Facs 10) or Biol 28 or Biol 31 Formerly offered as Facs 12. Acceptable for credit: CSU 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. 1306.20</td>
</tr>
<tr>
<td>200A-B. +Introduction to Institutional Food Service</td>
<td>1 unit each module</td>
<td>3 hours laboratory each module</td>
<td>Course study under this section may be repeated one time. Computer-assisted instruction in the skills needed in institutional food service. 1306.20</td>
</tr>
<tr>
<td>48NA-TZ. +Selected Topics in Nutrition and Dietetics</td>
<td>.5-9 units</td>
<td>3 hours lecture</td>
<td>Formerly offered as Facs 48NA-TZ. See section on Selected Topics. 1306.20</td>
</tr>
<tr>
<td>49. +Independent Study in Nutrition and Dietetics</td>
<td>.5-5 units</td>
<td>3 hours lecture</td>
<td>Formerly offered as Facs 49. Course study under this section may be repeated three times. See section on Independent Study. 1306.20</td>
</tr>
<tr>
<td>50A-C. +Practical Nutrition for Children</td>
<td>1 unit each level</td>
<td>1 hour lecture</td>
<td>Formerly offered as Chdev 69A-C. Acceptable for credit: CSU Course study under this section may be repeated two times. Fundamentals of nutrition from birth through adolescence. 1306.20</td>
</tr>
</tbody>
</table>

#### 50A: 
- The nutrients in food and guidelines for food selection to promote good health.

#### 50B: 
- The application of basic nutrition principles and food-selection guidelines during growth; promotion of health habits.

#### 50C: 
- Special projects with children, and seminar.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>31. +Food-Production Management</td>
<td>2 units</td>
<td>2 hours lecture</td>
<td>Recommended preparation: Nutr 246 or 200A-B or culinary arts training or cooking experience in an institutional setting. Formerly offered as Facs 84 Acceptable for credit: CSU The functions of institutional food-service production: Menu standardization and development, purchasing, storage, preparation and service; includes staffing, equipment, and evaluation. 1306.20</td>
</tr>
</tbody>
</table>

#### 200A: 
- Sanitation, safety, food preparation, modified diets, and quality service.

#### 200B: 
- Basic math and measurements used in food service.
220. +Cultural Foods in Education and Health Care 1 unit
1 hour lecture
Study of culturally-based foods and food habits, particularly those associated with various ethnic groups in California: Development of nutrition curriculum for young people which encourages the appreciation of diversity; development of nutrition education materials for use in a culturally-diverse health-care population. 1306.20

223. +The Culinary Art of Modified Diets 1 unit
.5 hour lecture, 1.5 hours laboratory
Recommended preparation: Nutr 246 or 200A-B or institutional food service experience or training in culinary arts or dietary management.
Fundamentals of culinary arts applied to medical nutrition therapy: Dietary modifications include low-fat/low-cholesterol, high-fiber, low-sodium, modified-texture, calorie-controlled, high-protein, and religious/cultural diets. 1306.20

226. +Introduction to Computer Systems in Dietetics 1 unit
13.5 term hours lecture, 13.5 term hours laboratory
No prior computer experience necessary.
Basic instruction in the use of computer software and hardware within the dietetics profession: Budgeting, cost control, nutritional analysis, recipe development, production forecasting, menu production, and inventory control; practical guidelines for selecting or upgrading systems software. 1306.20

240A. +Career Education in Dietary Management 1 unit
1 hour lecture
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. 1306.20

240B. +Career Education in Dietetic Technology I 1 unit
1 hour lecture
Corequisite: Nutr 241B
Advanced study of the specific competencies required of the Dietetic Technician in a healthcare or community setting: Assessment, development, practicum, and evaluation of individual dietary skills. Focuses on clinical skills in a healthcare facility and public health nutrition skills in a community site. 1306.20

240C. +Career Education in Dietetic Technology II 1 unit
1 hour lecture
Corequisite: Nutr 241C
Advanced study of the specific competencies required of the Dietetic Technician in a healthcare or community setting: Assessment, development, practicum, and evaluation of individual dietary skills. Focuses on advanced clinical skills in an acute-care facility and management skills in dietetics. 1306.20

241A. +Occupational Work Experience in Dietary Management 1-4 units
0-15 hours lecture
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
Recommended preparation: Nutr 200A-B
Course study under this section may be repeated one time.
Designed to relate classroom learning to the actual job environment: 150 hours of verified, supervised field experience in healthcare settings is required. 1306.20

241B. +Occupational Work Experience in Dietetic Technology I 1-4 units
0-15 hours lecture
Prerequisite: Nutr 241A
Corequisite: Nutr 240B
Course study under this section may be repeated one time.
Supervised application of dietetic principles in a healthcare facility to practice clinical skills and in a community site to practice public health nutrition skills. A total of 150 supervised hours is required. 1306.20

241C. +Occupational Work Experience in Dietetic Technology II 1-4 units
0-15 hours lecture
Prerequisite: Nutr 241B
Corequisite: Nutr 240C
Course study under this section may be repeated one time.
Supervised application of dietetic principles in a healthcare facility to practice advanced clinical and management skills. A total of 150 supervised hours is required. 1306.20

246. +Occupational Work Experience in Nutrition and Dietetics 1-4 units
0-15 hours lecture
Supervised application of desirable work habits and skills needed in institutional food service: Sanitation, safety, food preparation, modified diets, quality service, and the basic measurements used in food service. 1306.20
248NA-TZ. Selected Topics in Nutrition and Dietetics .5-9 units
Formerly offered as Facs 248NA-TZ.
See section on Selected Topics.

PARALEGAL STUDIES

There is a growing need for trained paralegals who know administrative procedures required by the law and the court systems. The paralegal performs various administrative tasks and provides staff support for attorneys in a law office or in a legal setting. Many of these tasks are done by attorneys; however, under the law, they could be provided by paralegals. The work of the paralegal has been recognized by the American Bar Association, the State Bar of California, and the Bar Association of Alameda County.

The AA degree in Paralegal Studies will be awarded upon satisfactory completion of the Major course requirements and the General Education requirements. A Certificate will be awarded upon satisfactory completion of the major course requirements.

Degree Major/Certificate Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARLG 1</td>
<td>Law and the Legal Profession</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 6</td>
<td>Legal Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 8</td>
<td>Introduction to Civil Procedure and Litigation Practice</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 11</td>
<td>Written and Oral Communication for Legal Professionals</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1A</td>
<td>Composition and Reading</td>
<td>4</td>
</tr>
<tr>
<td>Plus a minimum of 11 units selected from the following list:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PARLG 4</td>
<td>Law Office Management</td>
<td>2</td>
</tr>
<tr>
<td>PARLG 9</td>
<td>Introduction to Tort Law</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 10</td>
<td>Family Law</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 12</td>
<td>Estate Planning and Probate Procedures</td>
<td>3</td>
</tr>
<tr>
<td>PARLG 15</td>
<td>Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 2</td>
<td>Introduction to Business Law</td>
<td>3</td>
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Total required units: 27

Recommended:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADJUS 22</td>
<td>Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 1A</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 244A</td>
<td>Beginning Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1B</td>
<td>Composition and Reading</td>
<td>4</td>
</tr>
<tr>
<td>PHIL 1</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>POSCI 1</td>
<td>Government and Politics in the United States</td>
<td>3</td>
</tr>
</tbody>
</table>

1. Law and the Legal Profession 3 units
3 hours lecture
Acceptable for credit: CSU
Introduction to basic legal concepts, structure, and procedures of the American court system: Theories and sources of the law are examined, including torts, contracts, criminal and constitutional law; emphasis on the practical role of the paralegal within the legal system. 1402.00

4. Law Office Management 2 units
2 hours lecture
Acceptable for credit: CSU
Operation and organization of a law office: Structure, procedures, systems, organizational theory, personnel administration, and law office equipment. 1402.00

6. Legal Research and Writing 3 units
3 hours lecture
Acceptable for credit: CSU
Legal research tools and materials: Law library, computerized legal research techniques, locating and utilizing source of state and federal law, public records; preparation of legal bibliography; citation form and cite checking; preparation of legal memoranda, and other written assignments in conjunction with legal research problems. 1402.00

8. Introduction to Civil Procedure and Litigation Practice 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
California and federal rules of civil procedure: Relevant law of remedies and evidence; skills related to assisting with all phases of simple civil litigation practice. 1402.00

9. Introduction to Tort Law 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
Analysis of American tort law: Exploration of its socioeconomic and historical foundations; examination of intentional negligence, strict liability, defamation and misrepresentation torts; and study of practical approaches to real-life cases from client interviews to judgment satisfaction. 1402.00
10. Family Law 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
Historical development of marriage: Introduction to marriage in California, dissolutions and legal separations, adoptions, paternity, wardships, and termination of parental rights.
1402.00

11. Written and Oral Communication for Legal Professionals 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
Systematic approach to learning legal problem analysis and organization for written and oral communication: Drafting legal documents and letters, and developing listening skills and interviewing techniques.
1402.00

12. Estate Planning and Probate Procedures 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
History, theory, procedures, and tax implications of administration of a decedent’s estate: Study of property and title designation, probate administration process; payment of creditors; sale of estate property, personal and real; distribution of property; California and federal tax forms; and establishment and administration of conservatorships and guardianships.
1402.00

15. Criminal Law 3 units
3 hours lecture
Prerequisite: Parlg 1 and 6
Acceptable for credit: CSU
Historical development of criminal law: Comprehensive study of the state and federal justice systems, including the elements which constitute major crimes; procedures required during the arrest, trial, and sentencing of the defendant, and post-trial remedies.
1402.00

248NA-TZ. +Selected Topics in Paralegal Studies .5-9 units
See section on Selected Topics.
1402.00

PHILOSOPHY

1. +Introduction to Philosophy 3 units
3 hours lecture
Acceptable for credit: CSU, UC
[CAN Phil 2]
Study of selected classic examples of original works of philosophers: Literature of the discipline and analytical methods, aims, goals, and types of problems peculiar to philosophers and philosophical inquiry; metaphysics, epistemology, valuing and axiology, and aesthetics and religion.
1509.00
AA/AS area 3; CSU area C2; IGETC area 3

2. +Social and Political Philosophy 3 units
3 hours lecture
Acceptable for credit: CSU, UC
Focus on classic examples of social and political philosophy in Western civilization: Original writings by classic Greeks (Plato and Aristotle), Americans (Hamilton, Madison, and Jefferson), modern Europeans (Marx and Mill), and appropriate contemporary philosophers.
1509.00
AA/AS area 3; CSU area C2; IGETC area 3

10. +Logic 3 units
3 hours lecture
Acceptable for credit: CSU, UC
[CAN Phil 6]
Consideration of logical problems of language, deduction and induction, fallacies, theory of argument and the scientific method, and study of correct reasoning in Aristotelian and modern logic.
1509.00
AA/AS area 3; CSU area A3, C2

20A-B. +History of Philosophy 3-3 units
3 hours lecture
Phil 20A is not prerequisite to Phil 20B
Acceptable for credit: CSU, UC
20A: Chronological development of leading philosophical perspectives that have been associated with Western Civilization, from the Ionians to the Scholastics.
20B: Chronological development of leading philosophical perspectives that have been associated with Western Civilization from the Renaissance to the present.
1509.00
AA/AS area 3; CSU area A3, C2; IGETC area 3
30. +Contemporary Philosophy 3 units
3 hours lecture
Acceptable for credit: CSU, UC
Critical examination of 20th-century philosophers such as Bergson, Pierce, Russell, James, Wittgenstein, the Vienna Circle, modern-day materialists, and the existentialists. 1509.00
AA/AS area 3; CSU area C2; IGETC area 3

48NA-TZ. +Selected Topics in Philosophy .5-5 units
See section on Selected Topics. 1509.00

49. +Independent Study in Philosophy .5-5 units
Course study under this section may be repeated three times. See section on Independent Study. 1509.00

248NA-TZ. +Selected Topics in Philosophy .5-5 units
See section on Selected Topics. 1509.00

PHILOSOPHY

PHYSICAL EDUCATION

The Physical Education curriculum is organized into three segments: Preprofessional courses of more than one unit utilizing lecture/laboratory teaching; skills courses of one-half unit; and intercollegiate athletic courses of three units. The courses in physical education strive to develop skills and knowledge related to the specific discipline and to improve the individual’s physiological skills of flexibility, strength, balance, and cardio-respiratory vigor. Students are eligible to enroll in the intermediate and advanced sections if they already have skills and experience in that discipline. Students are also encouraged to enroll in more than one course each semester.

Transferability to University of California System: The University of California System grants a maximum of four semester units of credit for appropriate physical education "activity" courses (also called "athletics," "human resources," "adaptive P.E., etc.). These courses are not listed on the Transfer Course Articulation (TCA) list. Physical education "theory" courses or courses that do not fit either the "theory" or "activity" category are not included in the four semester credit limit prescribed for physical education activity courses and continue to be listed on the TCA list if deemed transferable. Physical education courses that are primarily vocational in nature, such as Aerobic Instructor Training or Fire Academy Protection Preparation, are not transferable.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units per Level</th>
<th>Minimum Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>30A-D</td>
<td>Soccer</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity class: Fundamentals and skills in soccer.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>32A-D</td>
<td>Softball</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity class: Fundamentals and skills in softball; rules and strategy.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>35A-D</td>
<td>Tennis</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity class: Fundamentals and skills in tennis.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>36A-D</td>
<td>Track and Field</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity class: Fundamentals and skills in track and field.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>38A-D</td>
<td>Volleyball</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Activity class: Fundamentals and skills in volleyball.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>39A-D</td>
<td>Weight Training</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<tr>
<td></td>
<td>Course study under this section may be repeated three times.</td>
<td></td>
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<tr>
<td></td>
<td>Activity class: Use of weights to build various muscle groups and increase overall body power and strength.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>40A-D</td>
<td>Yoga</td>
<td>.5</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Course study under this section may be repeated three times.</td>
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<tr>
<td></td>
<td>Activity class: Development of basic yoga postures, conscious breathing patterns, and relaxation techniques; stretching and relaxation; and strengthening and stimulating creative energy.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>41A-D</td>
<td>Activities for Fitness</td>
<td>.5-1</td>
<td>1.5-3 hours</td>
</tr>
<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Course study under this section may be repeated three times.</td>
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<tr>
<td></td>
<td>Physical activities: Basketball, badminton, weight training, and volleyball which contribute to the development of optimum body fitness.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>42A-D</td>
<td>Stretch Aerobics</td>
<td>.5</td>
<td>2 hours</td>
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<tr>
<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Course study under this section may be repeated three times.</td>
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<tr>
<td></td>
<td>Activity class: Development of overall fitness with emphasis on the cardiovascular system through stretch aerobics.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>48NA-TZ.</td>
<td>Selected Topics in Physical Education</td>
<td>.5-5 units</td>
<td>See section on Selected Topics.</td>
</tr>
<tr>
<td>49.</td>
<td>Independent Study in Physical Education</td>
<td>.5-5 units</td>
<td>See section on Independent Study.</td>
</tr>
<tr>
<td>52.</td>
<td>Aerobics of Jogging</td>
<td>2 units</td>
<td>1 hour lecture, 3 hours laboratory</td>
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<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Course study under this section may be repeated three times.</td>
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<td></td>
<td>Conditioning through jogging: Physiology of exercise, fundamentals of diet and weight control, pace work in distance running, proper equipment, use of body mechanics, testing for self-improvement, and overall fitness.</td>
<td></td>
<td>0835.00</td>
</tr>
<tr>
<td>56A-C.</td>
<td>Basketball – Fundamentals</td>
<td>2 units each level</td>
<td>2 hours lecture</td>
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<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Course study under this section may be repeated two times.</td>
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<td></td>
<td>Knowledge of strategy, rules, and principles of team play; emphasis on fundamental skill development.</td>
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<td>0835.00</td>
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<tr>
<td>57.</td>
<td>Basketball – Officiating</td>
<td>1 unit</td>
<td>1 hour lecture, 1 hour laboratory</td>
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<td></td>
<td>Acceptable for credit: CSU, UC</td>
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<td></td>
<td>Development of officiating skills leading to greater understanding and appreciation of the sport and to potential job placement.</td>
<td></td>
<td>0835.00</td>
</tr>
</tbody>
</table>
58A-B. +Basketball – Theory and Practice  
2 units each level

1 hour lecture, 3 hours laboratory  
Acceptable for credit: CSU, UC  
Course study under this section may be repeated one time.  
Theory and practice of basketball fundamentals. 0835.00

64. +Golf – Theory and Practice  
2 units

1 hour lecture, 3 hours laboratory  
Acceptable for credit: CSU, UC  
Skill and knowledge through the study of rules, club selection,  
and advanced golf shots: Practice and development of skills  
on a regulation golf course, and individual stroke analysis. 0835.00

73. +Track and Field – Officiating  
1 unit

1 hour lecture, 1 hour laboratory  
Acceptable for credit: CSU, UC  
Development of officiating skills leading to greater understand-  
ing of the sport and to potential job placement. 0835.00

91A-D. Basketball – Men [Intercollegiate]  
1.5 units each level

5 hours laboratory  
Acceptable for credit: CSU, UC  
Course study under this section may be repeated three times.  
Application of theory, team organization, technique, strategy,  
and leadership in competition with other colleges. 0835.50

92A-D. Basketball – Women [Intercollegiate]  
1.5 units each level

5 hours laboratory  
Acceptable for credit: CSU, UC  
Course study under this section may be repeated three times.  
Application of theory, team organization, technique, strategy,  
and leadership in competition with other colleges. 0835.50

93A-B. Cross Country – Men and Women  
[Intercollegiate]  
3 units each level

10 hours laboratory  
Acceptable for credit: CSU, UC  
Course study under this section may be repeated one time.  
Application of theory, team organization, technique, strategy,  
and leadership in competition with other colleges. 0835.50

100A-B. +Track and Field – Men and Women  
[Intercollegiate]  
3 units each level

10 hours laboratory  
Acceptable for credit: CSU, UC  
Course study under this section may be repeated one time.  
Application of theory, team organization, technique, strategy,  
and leadership in competition with other colleges. 0835.50

201A-D. +Fitness and Health Maintenance  
Activities  
.5-2 units each level

2-8 hours laboratory each level  
Course study under this section may be repeated three times.  
Conditioning through the use of exercises and apparatus with  
emphasis on overall improvement of the cardiovascular sys-  
tem. 0835.00

248NA-TZ. +Selected Topics in Physical Education  
.5-5 units

See section on Selected Topics. 0835.00

PHYSICAL SCIENCE

35A-D. +Energy-Efficient Design and  
Construction  
2 units each level

1.5 hours lecture, 1.5 hours laboratory  
Acceptable for credit: CSU  
Course study under this section may be repeated three times.  
Strategies for energy- and resource-efficient living in the Merritt  
College Self-Reliant House and Garden: Design and construc-  
tion, testing of energy and resource-efficient model systems,  
measurements and evaluation of active and passive heating  
and cooling systems, alternative energy sources, and recycling  
systems. 1901.10

48NA-TZ. +Selected Topics in Physical Science  
.5-5 units

See section on Selected Topics. 1901.00

49. +Independent Study in Physical Science  
.5-5 units

Course study under this section may be repeated three times.  
See section on Independent Study. 1901.00
248NA-TZ. +Selected Topics in Physical Science
.5-5 units
See section on Selected Topics. 1901.00

PHYSICS

2A-B. General Physics 5-5 units
4 hours lecture, 3 hours laboratory
Prerequisite for Phys 2A: Math 50 or 52C.
Prerequisite for Phys 2B: Phys 2A
Acceptable for credit: CSU, UC
[Phys 2A+Phys 2B: CAN Phys Seq A]
2A: Comprehensive study of mechanics, properties of matter, thermodynamics, heat, wave motion, and sound.
2B: Comprehensive study of light, optics, electricity, magnetism, atomic physics, and modern physics. 1902.00
AA/AS area 1; CSU area B1, B3; IGETC area 5A, 5C

4A. General Physics with Calculus 5 units
4 hours lecture, 3 hours laboratory
Prerequisite or corequisite: Math 3A or (4B)
Recommended preparation: Phys 10
Acceptable for credit: CSU, UC
[CAN Phys 8]
[Phys 4A+Phys 4B+Phys 4C: CAN Phys Seq B]
Intensive study of mechanics, properties of matter, wave motion, and sound. 1902.00
AA/AS area 1; CSU area B1, B3; IGETC area 5A, 5C

4B. General Physics with Calculus 5 units
4 hours lecture, 3 hours laboratory
Prerequisite: Phys 4A or (quarter-system Phys 4B at COA)
Prerequisite or corequisite: Math 3B or (4C).
Acceptable for credit: CSU, UC
[CAN Phys 12]
[Phys 4A+Phys 4B+Phys 4C: CAN Phys Seq B]
Intensive study of electricity and magnetism, heat and thermodynamics. 1902.00
AA/AS area 1; CSU area B1, B3; IGETC area 5A, 5C

4C. General Physics with Calculus 5 units
4 hours lecture, 3 hours laboratory
Prerequisite: Phys 4B or (quarter-system Phys 4C at COA)
Prerequisite or corequisite: Math 3C or (4D)
Acceptable for credit: CSU, UC
[CAN Phys 14]
[Phys 4A+Phys 4B+Phys 4C: CAN Phys Seq B]
Intensive study of optics, relativity, and quantum mechanics.
AA/AS area 1; CSU area B1, B3; IGETC area 5A, 5C
1902.00

10. Introduction to Physics 4 units
4 hours lecture
Recommended preparation: Math 201 or 210D or (204B), and Math 202
Not open to students who have completed or are currently enrolled in Physics 2A-2B or Physics 4A-4B-4C.
Acceptable for credit: CSU, UC
Elementary introduction to field of physics: Mechanics, heat, electricity and magnetism, sound, optics, and modern physics.
AA/AS area 1; CSU area B1; IGETC area 5A. 1902.00

48NA-TZ. Selected Topics in Physics .5-5 units
See section on Selected Topics. 1902.00

49. Independent Study in Physics .5-5 units
Course study under this section may be repeated three times. See section on Independent Study. 1902.00

POLITICAL SCIENCE

1. +Government and Politics in the United States 3 units
3 hours lecture
Not open for credit to students who have completed or are currently enrolled in Political Science 15.
Acceptable for credit: CSU, UC
[CAN Govt 2]
Introduction to principles and the political process of national, state, and local government: Emphasis on national government and the Constitution. 2207.00
AA/AS area 2; CSU area D; IGETC area 4

2. +Comparative Government 3 units
3 hours lecture
Acceptable for credit: CSU, UC
Comparative analysis of political leadership, citizenship participation, centers of power, and political problems of selected governments. 2207.00
AA/AS area 2; CSU area D; IGETC area 4
3. +International Relations
3 units
3 hours lecture
Acceptable for credit: CSU, UC
Nature of relations among nation-states: Analysis of basic forces affecting formulation of foreign policy, dynamics of international politics, survey of rise and development of the nation-state system, problems of nationalism and imperialism with emphasis on development since World War II, and evolution and operation of the United Nations. 2207.00
AA/AS area 2; CSU area D; IGETC area 4

4. +Political Theory
3 units
3 hours lecture
Acceptable for credit: CSU, UC
Examination of various theoretical approaches to politics and of basic political problems and proposed solutions: Analysis of selected political theories and ideologies, relevance of theory to contemporary problems, and new approaches to political thought. 2207.00
AA/AS area 2; CSU area D; IGETC area 4

15. +Introduction to American Government
3 units
3 hours lecture
Not open for credit to students who have completed or are currently enrolled in Political Science 1.
Acceptable for credit: CSU, UC
Introduction to structure of American government, and consideration of effects of the operation of government on the people. 2207.00
AA/AS area 2; CSU area D; IGETC area 4

16. +State and Local Government
3 units
3 hours lecture
Acceptable for credit: CSU
Survey of governmental institutions and politics in California and the San Francisco Bay Area: Development of public policy and current issues such as federalism, elections, taxation, land uses, and political parties. 2207.00
AA/AS area 2; CSU area D

20. +Current World Problems
3 units
3 hours lecture
Acceptable for credit: CSU, UC
World problems with emphasis on four major areas of concern: Population explosion, war, ideological confrontation, and disparity of resources among nations. 2207.00
AA/AS area 2; CSU area D; IGETC area 4

49. +Independent Study in Political Science
.5-5 units
Course study under this section may be repeated three times.
See section on Independent Study. 2207.00

248NA-TZ. +Selected Topics in Political Science
.5-5 units
See section on Selected Topics. 2207.00