



**MADERA**  
COMMUNITY  
COLLEGE

**2022-2023**

**CATALOG ADDENDUM**

## New Associate Degree and Certificate Programs

Effective Fall 2022

(Pages from 68-127 of 2022-2023 catalog)

**ASSOCIATE DEGREE and CERTIFICATE PROGRAMS TABLE**

Program	Academic Program ID	Type	Department
Crime Scene Investigation	M.8881.CA	CA	CTE

### CRIMINOLOGY

#### **CRIME SCENE INVESTIGATION (MAJOR #M.8881.CA)**

#### **CERTIFICATE OF ACHIEVEMENT**

The Certificate of Achievement in Crime Scene Investigation prepares students to perform the following tasks: Collect, identify, classify, and analyze physical evidence related to criminal investigations. Students will perform tests on weapons or substances, such as fiber, hair, and tissue to determine significance of investigations. Successful completion of this program will assist students in meeting the minimum requirements for this profession.

#### **Program Learning Outcomes:**

Upon completion of this program, students will be able to

1. Model integrated academic and technical skills related to crime scene processing.
2. Analyze and apply problem solving and critical thinking skills to crime scene investigation.

#### Required Courses

CRIM 3	Legal Aspects of Evidence .....	3
CRIM 4	Principles & Procedures of the Justice System.....	3
CRIM 8	Criminal Investigations.....	3
CRIM 8A	Advanced Criminal Investigations.....	3
CRIM 9A	Forensic Photography.....	3
CRIM 12	Criminal Justice Communications.....	3
	Total units	18

## Revised and Corrected Associate Degree and Certificate Programs

Effective Fall 2022

(Pages from 68-127 of 2022-2023 catalog)

### AGRICULTURE

#### **AGRICULTURE PLANT SCIENCE (M.1078.AS-T)**

#### **ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE**

Participation and completion of the Associate in Science in Agriculture Plant Science for Transfer Degree program prepares and qualifies students for transfer into California State University in Agricultural Plant Science and related majors. The program also provides training for careers in management within the production agriculture industry.

Purpose: To satisfy CSU transfer requirements and provide practical knowledge and specific skills in plant and soil sciences as required in crop management systems.

Students transferring to Fresno State must complete CHEM 3B and PLS 5. It is recommended students also complete PLS 9.

#### **Program Learning Outcome:**

1. Comprehension and identification of the structures and functions of plant cells, organelles, tissues, organs, and integrate important plant processes such as growth, photosynthesis, respiration, and translocation with plant management practices.
2. Experience with the physical, chemical, and biological properties of soils, and the incorporation of analytical testing procedures for nutrients, moisture, and physical characteristics with economical stewardship of soil management.
3. Developed awareness of theoretical and practical applications to orchard, vineyard, and vegetable production systems with emphasis on San Joaquin Valley specifics for irrigation, fertility, cultural, and pest managements.
4. Measurable knowledge and skills of irrigation science with its effects on plant growth and development, yield and profitability, soil properties and reclamation. Additional competence developed includes predictive models and scheduling; system design.
5. Understanding of the principles of integrated pest management, including population dynamics and selection, and the use of biological, chemical, regulatory, genetic, cultural, and physical/mechanical control options in a systems approach that optimizes economics and minimizes environmental side effects.
6. Competency in quantitative and qualitative data analyses related to performance of crop variety, fertilizer treatments, cultural effects, and environmental stresses. Evaluation and establishment of laboratory, test plot, and field conditions to determine effective treatments.
7. Proficiency in machinery management and operation of farm equipment.
8. Demonstration of breadth of knowledge in the agriculture industry which provides a base for effective decision making and credibility in personal interactions and career decisions.

To obtain the Associate in Science in Agriculture Plant Science for Transfer Degree, students must complete the following:

**Requires:**

- (1) *Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:*
  - a. *The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth) for a minimum of 37-39 units.*
  - b. *The courses required for the major as detailed in the Program Requirements section. (Every major will require a minimum of 18 units).*
- (2) *Obtainment of a minimum grade point average of 2.0. The law authorizing these degrees also requires that students must earn a “C” or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.*

**Required Core Courses**

PLS 1	Introduction to Plant Science.....	3
PLS 1L	Introduction to Plant Science Laboratory.....	1
PLS 2	Soils.....	3
PLS 2L	Soils Laboratory.....	1
CHEM 3A	Introductory General Chemistry.....	4
AGBS 2	Agricultural Economics.....	3
ECON 1B	Principles of Microeconomics.....	3
MATH 11	Elementary Statistics.....	4
STAT 7	Elementary Statistics.....	4
PLS 9	Biometrics.....	3
<b>List A</b>		
PLS 11	Machine Technology.....	3
<b>List B</b>		
<b>Select one course</b>		
AGBS 3	Agriculture Accounting .....	3
CHEM 3B	Introductory Organic and Biological Chemistry.....	4
EH 30	Principles of Environmental Horticulture.....	3
PLS 3	General Viticulture.....	3
PLS 5	Principles of Irrigation Management.....	3
PLS 7	Integrated Pest Management.....	3
Completion of CSU GE or IGETC		
Total Units		60

## ART

### **ART HISTORY (MAJOR #M.5204.AA-T) ASSOCIATE IN ARTS FOR TRANSFER DEGREE**

The Associate in Arts in Art History for Transfer Degree is designed to give students a foundational understanding of art history. The primary focus is to prepare students for transfer into four- year art history programs at the California State University (CSU) system and the University of California (UC) system. Students will learn fundamental art and art historical terminology; an appreciation of the creative process; and how to analyze works of art in order to articulate the historical, social and aesthetic functions of art across cultures and geographic boundaries.

#### *Requires:*

- (1) *Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:*
  - a. *The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth) for a minimum of 37-39 units.*
  - b. *The courses required for the major as detailed in the Program Requirements section. (Every major will require a minimum of 18 units).*
- (2) *Obtainment of a minimum grade point average of 2.0. The law authorizing these degrees also requires that students must earn a "C" or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is also an acceptable grade for courses in the major if the course is taken on a Pass/No Pass basis.*

The Art History Associate in Arts for Transfer degree (AA-T) is by its nature and purpose a transfer preparation degree.

#### **Program Learning Outcomes:**

Upon completing this program students will be able to:

- Apply knowledge of art historical terminology to the description of artwork.
- Communicate effectively both verbally and in writing in order to describe and analyze the artistic contributions of diverse peoples.
- Utilize critical thinking to discuss works of art in a personal, cultural, and global context.
- Evaluate and analyze the strengths and weaknesses of an artwork's effectiveness to visually communicate.

#### **Required Courses**

ART 5	Art History I.....	3
ART 7	Beginning Drawing.....	3
ART 26	Arts of Africa, Oceania, Indigenous North America, and Pre-Columbian Americas .....	3
ART 6	Art History 2 OR	
ART 6H	Honors Art History 2.....	3
<b>LIST B</b>	.....	<b>3</b>
ART 3	Two-Dimensional Design .....	3
ART 9	Beginning Painting: Oil and Acrylic .....	3
ART 19	Intermediate Painting: Oil and Acrylic.....	3
ART 30A	Illustrator: Beginning Computer Drawing and Design.....	3
ART 37A	Photoshop: Digital Visual Art.....	3

<b>LIST C</b>	.....	<b>3-5</b>
AGBS 2	Agricultural Economics.....	3
ANTHRO 1	Biological Anthropology.....	3
ANTHRO 2	Cultural Anthropology.....	3
ANTHRO 3	Introduction to Archaeology and Prehistory.....	3
ECON 1A	Principles of Macroeconomics.....	3
ECON 1B	Principles of Microeconomics.....	3
HIST 1	Western Civilization to 1648.....	3
HIST 2	Western Civilization from 1648.....	3
HIST 5	African People in the New World or ETHNST 5 African People in the New World.....	3
HIST 11	History of the United States to 1877.....	3
HIST 12	History of the United States since 1865.....	3
HIST 12H	Honors History of the United States since 1865.....	3
HIST 20	World History I, to 1600.....	3
HIST 22	History of American Women.....	3
HIST 32	History of the Mexican American People or ETHNST 32 History of the Mexican American People.....	3
PHIL 1	Introduction to Philosophy.....	3
PHIL 1C	Ethics.....	3
PHIL 1CH	Honors Ethics.....	3
PHIL 1D	World Religions.....	3
SPAN 1	Beginning Spanish.....	5
SPAN 15	Practical Spanish Conversation, Low—Intermediate Level.....	3
SPAN 16	Practical Spanish Conversation, High-Intermediate Level.....	3
SPAN 2	High Beginning Spanish.....	5
SPAN 3	Intermediate Spanish.....	5
SPAN 3NS	Spanish for Spanish Speakers.....	5
SPAN 4	High Intermediate Spanish.....	5
SPAN 4NS	Spanish for Spanish Speakers.....	5
SOC 32	Courtship, Marriage, and Divorce: Family & Interpersonal Relationships.....	3
	Total Units for the Major	18-20
	Completion of CSU GE or IGETC	60

## NURSING

### **LVN-RN (M.4520.CA)**

#### **CERTIFICATE OF ACHIEVEMENT**

The nursing profession is concerned with the total health care of the individual and the family. It is a profession dedicated to preventing illness, caring for those who are acutely ill, and assisting clients with long-term rehabilitative problems to live in the healthiest way possible. Nursing is both a science and an art.

The LVN to RN nursing program consists of integrated lectures, labs, and clinical rotations conducted in local area hospitals and health agencies. Upon successful completion of the courses in the 30 Unit Option, a Certificate of

Achievement will be awarded, and graduates are qualified for the National Council Licensure Examination-Registered Nursing (NCLEX-RN).

LVNs who select the “30-unit option” to satisfy the requirements for RN licensure must consult the Nursing Counselor or RN Program Director to discuss the advantages and disadvantages of this option. Students who obtain licensure with a 30-unit option certificate may not be able to practice as an RN in any state but California. This option is only available on a space available basis. Please refer to the current LVN to RN application and program information located on the Madera Community College website.

The graduate with a 30-unit option Certificate of Achievement is a registered nurse prepared to coordinate, plan and implement nursing care in hospitals and community settings. The registered nurse assists clients with personal care, provides teaching and counseling to prevent illness, promote health, and performs specialized treatments and procedures. Registered Nurses function as team leaders who delegate and manage the care provided by Licensed Vocational Nurses (LVNs), certified nursing assistants (CNAs), patient care technicians (PCTs) as well as unlicensed healthcare workers.

**Additional Information:**

Students applying for admission must be graduates of a State Accredited LVN program, maintain current LVN licensure, and have attained a cumulative grade point average (GPA) of (2.5) or better in completed college work.

All prerequisites must be completed with a grade of "C" or better. This includes:

- BIO-22 – Physiology (within five years prior to admission)
- BIOL-31 – Microbiology (within five years prior to admission)

Prospective applicants must also take the Test of Essential Academic skills (T.E.A.S.) with a minimum score of 62%.

**Program Learning Outcome:**

1. Provide culturally responsive and competent care within a framework of scientific and professional accountability and function independently in a variety of settings.

**Required Core Courses**

RN-74	Geriatric Nursing Theory .....	1.5
RN-75	Intermediate Medical-Surgical Nursing.....	5
RN-77	Psychiatric/Medical Health Nursing .....	3.5
RN-78	Foundations of Multicultural Nursing Care.....	1
RN-79	Nursing Skills Lab I .....	0.5
RN-85	Advanced Medical-Surgical Nursing.....	6
RN-88	Nursing Leadership and Management.....	1
RN-89	Nursing Skills Lab II.....	0.5
RN-160	LVN to RN Role Transition.....	2
	<b>Total Units</b>	<b>21</b>

## Corrections and Revisions to Existing Courses Fall 2021

(Pages 131-205 of 2022-2023 catalog)

### ENGLISH

#### 2H HONORS CRITICAL READING AND WRITING THROUGH LITERATURE

**3 units, 3 lecture hours.**

PREREQUISITES: English 1A or 1AH

Designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 1A/1AH, English 2H will focus on the development of logical reasoning and analytical and argumentative writing skills based primarily on works of fiction and literary criticism. As an Honor's section, this class will employ enhanced teaching methods such as seminar approach and assignments calling for a higher level of critical thinking. Students enrolled in this honors section will develop an in-depth topic research regarding critical theories analyzing argument in literature and present on this research project. Students will write a minimum of 6,000 words. (A, CSU-GE, UC, I)

### LINGUISTICS

#### 10 INTRODUCTION TO LANGUAGE

**3 units, 3 lecture hours. pass/no pass**

ADVISORIES: English 1A or 1AH

This course examines human language, including its nature, structure, use, history, and acquisition. Emphasis is on the systematic linguistic description of language knowledge and usage. (A, CSU-GE, UC, I)

#### 11 INTRODUCTION TO LANGUAGE FOR TEACHERS

**3 units, 3 lecture hours. pass/no pass**

ADVISORIES: English 1A or 1AH

The course introduces the nature, structure, use, history, and acquisition of human language. Common languages in the area will provide data for contrastive analysis. This course will prepare students for the Multiple Subject Credential Blended Program and a career in teaching language arts. (A, CSU, UC)

## Corrections and Revisions to Existing Courses Summer 2022

(Pages 131-205 of 2022-2023 catalog)

### REGISTERED NURSING (RN)

#### 160 LVN TO RN ROLE TRANSITION

2 units, 1 lecture hour, 3 lab hours

PREREQUISITES: BIOL 20, 22,31; CHEM 3A; ENGL 1A; Math 103 or 10A or 45 or 3A or 11 or 11C or PLS 9 or PSY 42 or STAT 7; PSY 2; SOC 1A or ANTHR 2

This course facilitates the role transition of a Licensed Vocational Nurse (LVN) seeking to achieve a Registered Nurse (RN) licensure. Orem's Self-Care theory provides a foundation upon which students are introduced to a systematic approach that utilizes the nursing process of assessment, planning,



implementation, and evaluating the nursing care. The course allows the student to practice and reinforce previously learned LVN skills and procedures necessary for advanced placement in the RN program. Students must be accepted for enrollment in the LVN to RN program and are required to have their skills competencies validated.

## **Corrections and Revisions to Existing Courses Fall 2022**

(Pages 131-205 of 2022-2023 catalog)

### COMMUNICATION(COMM)

#### **2 INTERPERSONAL COMMUNICATION**

##### **3 units, 3 lecture hours**

ADVISORIES: English 1A or 1AH.

The study of interpersonal communication will empower students, through the development of self-concept and identity, to gain lifelong social, psychological, and physiological skills that can be applied across contexts and relationships. Students will learn the importance of communication, active listening, deciphering verbal and nonverbal communication, and the power of language, culture, perception, and emotions in relationships. This course explores ways to maintain romantic, platonic, family, and professional relationships through communication competence, interpersonal skills, and pragmatic theoretical application. This course also offers students lifelong practical applications for dealing with conflict, toxic relationships, and the termination of relationships. (C-ID COMM 130)

### ENGINEERING (ENGR)

#### **10 INTRODUCTION TO ENGINEERING**

##### **2 units, 1 lecture hour, pass/no pass**

ADVISORIES: English 1A or 1AH and Elementary Algebra or Equivalent.

This course is an introduction to the engineering profession for students interested in a career in engineering or technology. Topics include the branches of engineering, the functions of an engineer, and the industries in which engineers work. Students will also investigate engineering education pathways and explore effective strategies for reaching their full academic potential. Other topics include an introduction to the methods and tools of engineering problem solving and design, preparing resumes for engineering employment, the interface of the engineer with society, and engineering ethics. Hands-on projects are used extensively in the course. (A, CSU) (C-ID ENGR 110)

### ETHNIC STUDIES (ETHNST)

#### **2 AMERICAN MINORITY GROUPS**

(SEE ALSO SOCIOLOGY 2)

##### **3 units, 3 lecture hours.**

ADVISORIES: English 1A or 1AH.

This class is an interdisciplinary study of race, ethnicity, and racism in the United States. This course will take a comparative approach covering Native Americans, African Americans, U.S. Latinx, Arab Americans, Asian Americans, Euro-Americans, and Multiracial Americans. The course will examine key topics such as racial discrimination, immigration, economics, labor, political conditions, cultural expression and resistance, social justice movements, racial and ethnic identity, and gender and sexuality. (A,CSU-GE, UC,I) (C-ID SOCI 150)

## HISTORY (HIST)

### 1 WESTERN CIVILIZATION TO 1648

#### **3 units, 3 lecture hours, pass/no pass**

ADVISORIES: English 1A or 1AH

This course provides a survey of the political, social, economic, cultural and intellectual developments of European civilization from its prehistoric antecedents in the Middle East to the rise of modern European nations in the seventeenth century. (A, CSU-GE, UC, I) (C-ID HIST 170)

### 2 WESTERN CIVILIZATION FROM 1648

#### **3 units, 3 lecture hours, pass/no pass**

ADVISORIES: English 1A or 1AH

This course provides a survey of the political, social, economic, cultural and intellectual developments of European civilization and its impact on non-western societies from the seventeenth century to the present era. (A, CSU-GE, UC, I) (C-ID HIST 180)

### 11 HISTORY OF THE UNITED STATES TO 1877

#### **3 units, 3 lecture hours, pass/no pass**

ADVISORIES: English 1A or 1AH

This course provides a survey of the political, social, economic, cultural and intellectual developments of the United States and American history from its pre-colonial origins to the era of Reconstruction and its impact on the peoples, ethnicities and gender groups involved. (A, CSU-GE, UC, I) (C-ID HIST 130)

### 12 HISTORY OF THE UNITED STATES SINCE 1865

#### **3 units, 3 lecture hours, pass/no pass**

ADVISORIES: English 1A or 1AH

This course provides a survey of the political, social, economic, cultural and intellectual developments of the United States and American history from its post-Civil War origins to the present era and its impact on the peoples, ethnicities, and gender groups involved. (A, CSU-GE, UC, I) (C-ID HIST 140)

### 12H HONORS HISTORY OF THE UNITED STATES SINCE 1865

#### **3 units, 3 lecture hours**

ADVISORIES: English 1A or 1AH

This course introduces students to United States historiography and evolving schools of historical interpretation and provides a survey of the political, social, economic, cultural and intellectual developments of the United States and American history from its post-Civil War origins to the present era and its impact on the peoples, ethnicities and gender groups involved.

## HUMAN SERVICES (HS)

### 9 SOCIAL WORK AND HUMAN SERVICES SEMINAR

#### **1 unit, 1 lecture hour**

PREREQUISITES: HS 20,24. COREQUISITES: HS 19F

This course provides the student who is participating in their supervised field experience directly related to Social Work and Human Services with a weekly class meeting that provides the academic element to the experiential course offering. The goal for this course is to provide the student with an opportunity to develop skills that would facilitate gaining employment in the field by learning interpersonal, problem solving, and communication skills; office dynamics and adapting to change; group interaction; and collaborative learning activities.

### 19F SOCIAL WORK AND HUMAN SERVICES FIELDWORK

#### **2 units, 60 hours unpaid/75 hours paid**

PREREQUISITES: HS 20, 24. COREQUISITES: HS-9

This course is the supervised field experience portion of human services. Students will be working in the field allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to serve, practice, and develop skills that would facilitate gaining employment in the human services field.

## REGISTERED NURSING (RN)

### 160 LVN TO RN ROLE TRANSITION

#### **2 units, 1 lecture hour, 3 lab hours**

PREREQUISITES: BIOL 20, 22,31; CHEM 3A; ENGL 1A; Math 103 or 10A or 45 or 3A or 11 or 11C or PLS 9 or PSY 42 or STAT 7; PSY 2; SOC 1A or ANTHR 2

This course facilitates the role transition of a Licensed Vocational Nurse (LVN) seeking to achieve a Registered Nurse (RN) licensure. Orem's Self-Care theory provides a foundation upon which students are introduced to a systematic approach that utilizes the nursing process of assessment, planning, implementation, and evaluating the nursing care. The course allows the student to practice and reinforce previously learned LVN skills and procedures necessary for advanced placement in the RN program. Students must be accepted for enrollment in the LVN to RN program and are required to have their skills competencies validated.

### 74 Geriatric Nursing Theory

#### **1.5 units, 1.5 lecture hours**

PREREQUISITES: RN 160. COREQUISITES: RN 75,77,79. LIMITATION ON ENROLLMENT: Must have a current LVN licensure.

This course builds on previous knowledge and skills in applying the nursing process to older adults living in the community. Gerontological nursing theory emphasizes lifestyle and physical changes that occur with aging, the process of initiating health referrals for the older adult, and the outcome criteria for evaluating the aging individual's response to teaching and learning. The student will also explore interventions to increase the older adult's functional abilities. (A, CSU)

75 Intermediate Medical-surgical Nursing

**5 units, 2.5 lecture hours, 7.5 lab hours**

PREREQUISITES: RN 160 WITH A GRADE OF "C" OR BETTER. COREQUISITES: Registered Nursing 74,77,79. LIMITATION ON ENROLLMENT: must have a current LVN licensure.

This course provides the conceptual basis of nursing care for acutely ill, non-critical care adult and geriatric patients in an acute medical-surgical setting. The student utilizes the nursing process to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Concurrent practice in the skills lab and clinical experience in community facilities is required. (A, CSU)

77 Psychiatric Mental Health Nursing

**3.5 units, 2 lecture hours, 4.5 lab hours**

PREREQUISITES: RN-160 with a grade of "C" or better. COREQUISITES: Registered Nursing 74,75,79. LIMITATION ON ENROLLMENT: Must have a current LVN licensure.

This course focuses on the nursing care of patients with identified psychiatric/mental health problems. It is designed to enable the student to acquire knowledge and skills through the systematic observation of patient behavior to identify, describe, and classify pertinent behaviors related to psychiatric/mental health problems and developmental disabilities. The course emphasizes the nursing process, the nurse-patient relationship, and therapeutic communication skills in caring for individuals and their families across the lifespan. Concurrent enrollment in a psychiatric-approved clinical site is necessary. (A,CSU)

78 Foundations of Multicultural Nursing Care

**1 unit, 1 lecture hour**

PREREQUISITES: RN-160 with a grade of "C" or better. LIMITATION ON ENROLLMENT: Must have a current LVN licensure.

This course introduces transcultural theories, concepts, and principles that help explain the healthcare needs and responses of individuals and groups within the context of their cultures and subcultures. Diversity is examined relative to social organization, roles and expectations, communication patterns, and values/beliefs underlying health-illness behaviors between western and non-western cultures. Emphasis is placed on the conduct of culturally competent assessments. (A,CSU)

79 Nursing Skills Lab I

**0.5 units, 27 lab hours**

PREREQUISITES: RN 160 with a grade of "C" or better. COREQUISITES: Registered Nursing 74,75,77. LIMITATIONS ON ENROLLMENT: Must have a current LVN licensure.

This course provides technical knowledge and assessment skills related to adult/geriatric patients. Focus is on skills and concepts related to Intermediate Medical-Surgical Nursing and prepares the student to progressively advance in nursing practice to care for adults/geriatric patients with acute and chronic health care problems. Under direct supervision, students will have an opportunity to update previously learned skills, practice complex client care assignments on simulators, and demonstrate proficiency in math and dosage calculations for medication administration. This course also aids in the development of nursing skills related to communication, care planning, and documentation. (A,CSU)

## SOCIOLOGY (SOC)

### 2 American Minority Groups (SEE ALSO ETHNIC STUDIES 2)

#### **3 units, 3 lecture hours**

This class is an interdisciplinary study of race, ethnicity, and racism in the United States. This course will take a comparative approach covering Native Americans, African Americans, U.S. Latinx, Arab Americans, Asian Americans, Euro-Americans, and Multiracial Americans. The course will examine key topics such as racial discrimination, immigration, economics, labor, political conditions, cultural expression and resistance, social justice movements, racial and ethnic identity, and gender and sexuality. (A, CSU-GE, UC, I) (C-ID SOCI 150)

## TRUCK DRIVING (TD)

### 101 Commercial Driver Learners Permit Preparation

#### **3 units, 3 lecture hours**

This course is a general study of the California Department of Motor Vehicles (DMV) Commercial Driver's License (CDL) Handbook on driving Commercial Motor Vehicles (CMV) that requires higher level of knowledge, safety awareness, driving techniques and skills. Survey of California and Federal motor vehicle traffic laws, highway traffic regulations, and commercial driver's license responsibilities, laws and regulations. This course is intended to prepare students for the California DMV Commercial Learners Permit (CLP) written exam. This is the first of a two-course sequence in preparing for the California CDL truck driving license preparation.

### 102 Class A Commercial Driver License CDL Training

#### **3 units, 1 lecture, 6 lab hours**

ADVISORIES: TD-101

This course provides theoretical and practical skill training to obtain a California Department of Motor Vehicles (DMV) Class A Commercial Driver's License (CDL) for driving Commercial Motor Vehicles (CMV). Emphasis will be on safe operation – vehicle control, cargo safety, air brakes, pre-operation vehicle inspections, and driving skills test requirements as they pertain to operating regulated on-highway heavy equipment.

Requirements for this course:

1. A valid and current Commercial Learner's Permit (CLP) from California Department of Motor Vehicles required throughout the duration of this class
2. Qualifying drug testing from Federal Testing Providers
3. Ongoing Madera Community College DOT Department of Transportation drug testing is required throughout the duration of this course.

## Corrections and Revisions to Existing Courses Spring 2023

(Pages 131-205 of 2022-2023 catalog)

### 85 Advanced Medical-surgical Nursing

#### **6 units, 2.5 lecture hours, 10.5 lab hours**

PREREQUISITES: Registered Nursing 160,74,75,77, and 79 with a grade of C or better.

COREQUISITES: Registered Nursing 87,88,89. LIMITATION ON ENROLLMENT: Must have a current LVN licensure.

This course focuses on providing safe care to multiple patients with complex, multi-system critical care illnesses or injuries. Correlated clinical experiences emphasize the refinement of clinical decision-making, psychomotor skills, and patient care management in professional nursing practice. Concurrent enrollment in the skills lab and clinical experience in community facilities is required.

### 87 Pediatric and Maternal-Child Nursing

#### **4 units, 2 lecture hours, 6 lab hours**

PREREQUISITES: Registered Nursing 160, 74,75,77,79 with a grade of C or better.

COREQUISITES: Registered Nursing 85,88,89. LIMITATION ON ENROLLMENT: Must have a current LVN licensure.

**Pediatric Nursing:** This portion of the course focuses on nursing care of the complex pediatric population in the acute healthcare setting. The purpose is to expose students to pediatric patients and their families in the hospital, outpatient clinics, and home health setting, as well as understand the physiological and psychological dynamics of the child and their care providers. An emphasis is placed on how diseases manifest, specifically in the pediatric population. Concurrent enrollment in the skills laboratory and clinical experience in community facilities are required.

**Maternal-Child Nursing:** This is the family-centered portion of the course emphasizing nursing care of the childbearing and childrearing family. Concepts include family communications, teaching, nursing process, critical thinking, legal-ethical issues, and client advocacy. The Orem Self-Care Model and the nursing process are utilized to assist the student in planning and delivering nursing care relevant to the pathophysiological, psychological, sociocultural, and risk-reduction needs of the patient/family in childbearing and childrearing experiences. Concurrent enrollment in the skills laboratory and clinical experience in community facilities are required.

Note: Pediatric Nursing is conducted for the first half, and Maternal-Child Nursing is the remaining half. The student must pass Pediatric Nursing before advancing to Maternal-Child Nursing. (A,CSU)

### 88 Nursing Leadership and Management

#### **1 unit, 1 lecture hours**

PREREQUISITES: Registered Nursing 160, 74,75,77 and 79 with a grade of C or better.

COREQUISITES: Registered Nursing 85,87,89. LIMITATIONS ON ENROLLMENT: Must have a current LVN licensure.

This course prepares students for the changing role of the professional nurse in complex, rapidly changing health care environments and diverse health care settings. The theories and methods of leadership and management are explored and applied in the clinical experience. There is an emphasis on critical thinking, team building, communication, priority setting, lifelong learning, and collaborative

decision-making as tools applied as a transition into the professional registered nurse workforce. The student will embrace the American Nurses Association Code of Ethics and the California Nursing Practice Act with all class actions and interactions, demonstrating professional accountability and responsibility.

## 89 Nursing Skills Lab II

### **.5-unit, 1.5 lab hours**

PREREQUISITES: Registered Nursing 160,74,75,77,78, and 79 with a grade of C or better.

COREQUISITES: Registered Nursing 85,87,88. LIMITATION ON ENROLLMENT Must have a current LVN licensure. (A, CSU)

This course focuses on developing advanced clinical skills related to complex, multi-system critical care illnesses or injuries and simulation patients. Under direct supervision, students will have an opportunity to develop and improve patient-centered care through advanced critical thinking scenarios, therapeutic nursing interventions, and ongoing practice of technical skills within the context of the critical care practice environments.

## SOCIOLOGY (SOC)

### 1B CRITICAL THINKING ABOUT SOCIAL PROBLEMS

#### **3 units, 3 lecture hours**

ADVISORIES: Sociology 1A and English 1A or 1AH

This utilizes critical thinking and the sociological imagination to explore, discuss, and analyze social problems. The course reviews the role of power and ideology in defining social problems, explores various causes consequences; evaluation possible solutions and methods of intervention of social problems. The course applies critical thinking skills using both inductive and deductive forms of reasoning, including identifying formal and informal fallacies and analyzes the evidence on which conclusions are based. The application of critical thinking strengthens and heightens the social awareness of students concerning major social problems today.