

# COURSES

## HEALTH OCCUPATIONS COURSES

### **HOC 001 Medical Terminology (3.0 Units) 3.0 UNITS**

This course offers 14 modules over the semester, with the scheduled requirement that one module be completed each week. The modules introduce medical terminology related to medical specialties, diagnostic and therapeutic procedures, and an overview of each body system.

### **HOC 001A Health Occupations Bootcamp (2.0 Units) 2.0 UNITS**

Total Lecture: 36 hours. This course is designed to prepare the potential Health Occupations student for entry into and successful completion of a Health Occupations program. The course content focuses on competencies expected upon entry, study skills, test-taking strategies, stress management, mathematics for dosage calculation, critical thinking, critical reasoning, and introduction to the nursing process. Pass/No Pass Option.

### **HOC 002 Cardiopulmonary Resuscitation (0.5 Lecture) 0.5 UNITS**

The course is designed to prepare the student to provide mouth-to-mouth rescue breathing and closed chest heart compression (Basic Life Support) to a victim of sudden death. This course is taught according to guidelines of the American Heart Association. AHA CPR/AED course completion cards are issued to students who successfully meet course objectives. The student is required to read the textbook "BLS for Healthcare Providers" prior to attending class.

### **HOC 003 Emergency Disaster Preparedness for Allied Health Professionals (0.5 Lecture) 0.5 UNITS**

This course is designed to assist health workers in assessing and developing plans for emergency and disaster situations.

### **HOC 004 First Aid and CPR (0.5 Lecture) 0.5 UNITS**

This course covers Adult/Child/Infant CPR/AED (automated external defibrillator) and first aid instruction and skills. A certificate of completion is given to successful participants. American Heart Association fee must be paid to Mission Cashier prior to first class meeting. Students' workbook (text) must be purchased and read before class.

### **HOC 005 Introduction to Community Health Worker (3.0 Units) 3.0 UNITS**

Learn the various roles, skills and function of Community Health Workers. This course introduces important core competencies for providing direct services, including, cultural humility, scope of practice, ethics, client-centered coaching, care management, and home visiting. Eligibility for ENGL 001A and READ 054

### **HOC 006 Personal Health and Life Style (3.0 Units) 3.0 UNITS**

This course is designed to provide students with learning experiences that will lead to a better understanding of the concept of a healthy lifestyle. Major topics covered in the class are: understanding the dynamics of behavior and change, relationships, cardiovascular health, fitness, nutrition and weight control, stress management, drug and alcohol abuse, reproductive issues, self-care and utilization of the health care system. Eligibility for ENGL 001A and READ 054 Advisory: CAP 033A

### **HOC 008 Chronic Disease Management and Community Wellness (3.0 Units) 3.0 UNITS**

This is an introductory community health course with a focus on community health issues, including chronic disease and substance abuse, and management strategies that address these problems. This course is required for students in the community health worker program and individuals working in residential care agencies. Eligibility for ENGL 001A and READ 054 Advisory MAT 900

### **HOC 010 Health Communication: Health Literacy, Health Coaching, and Motivational Interviewing (3.0 Units) 3.0 UNITS**

Students will learn methods of communication in healthcare: health literacy, health coaching, group dynamics, and motivational interviewing. In addition, students will demonstrate an understanding of how one's culture

affects health behavior and will develop a client-informed plan. Advisory: MAT 900

### **HOC 012 Community Health Worker Internship (1.0 Unit / 2.0 Arranged Lab) 3.0 UNITS**

This internship course provides students with an opportunity to learn in a work setting while obtaining practical experience in community health work. Students will contract for a minimum of 100 hours at an internship placement and participate in a weekly seminar to discuss their fieldwork and apply academic theory to practice. Eligibility for ENGL 001A and READ 054 Prerequisite: HOC 005

### **HOC 019A Nursing Assistant Fundamentals (3.5 Lecture/0.5 Lab) 4.0 UNITS**

This beginning course in nursing fundamentals gives the student a foundation in the basic scientific principles required to provide health care in a skilled nursing facility. Students who successfully complete this course, along with HOC 019B, are eligible to apply for the California Certified Nurse Assistant (CNA) examination. (Advisory: HED-004)

### **HOC 019AL Nursing Assistant Fundamentals Laboratory (0.5 Units) 0.5 UNITS**

Total Lab: 27 Hours. Corequisite: HOC 019A and HOC 019B. Acceptable for credit: California State University. This laboratory course provides hands-on skills training to support HOC 019H, Nursing Assistant Fundamentals and gives the student a foundation in the basic skills required to provide health care in a skilled nursing facility. Students who successfully complete this course, along with HOC 019H and HOC 019B, are eligible to apply for the California Certified Nurse Assistant (CNA) examination. Pass/No Pass Only.

### **HOC 019B Nursing Assistant Clinical Experience (2.0 Lab) 2.0 UNITS**

This clinical practicum provides the Nurse Assistant student with experience in the application of basic patient care skills in a skilled nursing facility. Students who successfully complete this course, along with HOC 019A, are eligible to apply for the examination National Nurses Aide Assessment Program (NNAAP) examination. Eligibility for ENG 001A and REA 054 Corequisite HOC 019A Students must pass the course with 75% or higher.

### **HOC 019F Home Health Aide Fundamentals (1.5 Lecture) 1.5 UNITS**

This course introduces the Certified Nurse Assistant (CNA) to the basic concepts of home care nursing. Students learn entry-level skills for employment as a home health aide. Successful completion of this course, along with HO 019G, provides eligibility for a California Home Health Aide (HHA) certificate.

### **HOC 019G Home Health Aide Clinical (0.5 Arranged Lab) 0.5 UNITS**

This clinical practicum provides the student with experience in basic nursing skills in a skilled nursing facility/home setting. Students who successfully complete this course along with HO 019F are eligible to apply for the California Home Health Aide Certificate.

### **HOC 020 Introduction to Professional Health Care (0.5 Lecture) 0.5 UNITS**

This course acquaints incoming vocational nursing and psychiatric technician students with Mission College, available student services, and Health Occupations career track requirements. It covers college orientation and information regarding the Health Occupation Program policies and procedures, career opportunities, stress management, study skills, and self-awareness exercises.

### **HOC 022 Patient Nursing Care Fundamentals (1.5 Lecture) 1.5 UNITS**

This course introduces vocational nursing and psychiatric technician students to the theoretical foundations and basic skills essential to providing safe, patient-centered, quality health care. The basic skills include scopes of practice and other legal and ethics principles and the nursing process as related to therapeutic communication, documentation, cultural sensitivity, body mechanics and mobility, infection prevention and control, hygiene, safety, basic and focused physical and psychosocial assessments, nutritional

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requirements, elimination needs, respirations and oxygen delivery, wound prevention and care, and administration of medications.

### **HOC 023A Beg. Medical-Surgical Nursing Theory (2.5 Units) 2.5 UNITS**

Prerequisite: Possess current California Nurse Assistant certification (CNA) , and Acceptance into Health Occupations Vocational Nursing or Psychiatric Technician career track. Prerequisite: AHL 011 Students must have current Am. Heart Assoc. Healthcare Provider or Am. Red Cross Professional Rescuer CPR/AED certification.; Prerequisite: BIO 022, or BIO 047 and BIO 048; HOC 020; Corequisite: HOC 022; HOC 023B; HOC 023C (For PT students only); HOC 024; HOC 025A (For VN students) or HOC 025B (for PT students); HOC 026A (for VN students) or HOC 026B (for PT students); HOC 027; HOC 028 May be taken as a pre-requisite; PSY 001 (For VN students) or PSY 012 (For PT students); Advisory: ENG 001A, MAT 903 or AHL 914, AHL 001A, AHL 003, HED 002. This course focuses on beginning level nursing care and interventions for clients with diseases or disorders of the musculoskeletal, neurological, neurosensory and reproductive systems.

### **HOC 023B Beg. Cognitive Disabilities - Mental Health Theory (1.0 Unit) 1.0 UNIT**

This beginning course is designed to present theoretical principles and current biological, psychosocial and socio-cultural concepts of abnormal and maladaptive behavior to vocational nursing and psychiatric technician students. Assessment, classification and current therapies for mental health disorders are discussed and explored.

### **HOC 024 Pharmacology A (1.0 Unit) 1.0 UNIT**

This beginning pharmacology course provides the vocational nursing and psychiatric technician student with the basic principles of pharmacology for safe administration of pharmacological agents to patients with disorders of the musculoskeletal, neurological, neurosensory, and reproductive systems.

### **HOC 025A Fundamentals Skills/Simulation Lab (1.0 Unit) 1.0 UNIT**

This course allows the beginning nursing student the opportunity for applying theoretical concepts and developing clinical competence of basic nursing skills in a controlled laboratory setting. Simulated scenarios reinforce planning and implementing interventions aimed to meet the needs of the medical-surgical and geriatric patients with musculoskeletal, neurological, neurosensory, reproductive and mental health disorders in inpatient and outpatient settings.

### **HOC 027 Nursing Process and Communication (2.0 Units) 2.0 UNITS**

Vocational nursing and psychiatric technician students participate in activities designed to integrate therapeutic communication through each step of the nursing process that facilitates active engagement of the patient and family in health care management while supporting effective, collaborative teamwork among interdisciplinary healthcare members.

### **HOC 028 Care of the Geriatric Patient (1.0 Unit) 1.0 UNIT**

This course is designed to give the vocational nursing student an introduction to the care of the older adult client in both an institutional and a community setting. This course is a required course that must be completed prior to students beginning the Health Occupations VN career track second semester. Non-Health Occupations students may enroll in this course as well.

### **HOC 032 Care of Obstetrical and Neonatal Patients (2.0 Units) 2.0 UNITS**

Prerequisite: HOC 022; HOC 023A; HOC 023B; HOC 024; HOC 025A; HOC 026A; HOC 027; HOC 028; PSY 001; Corequisite: HOC 033A; HOC 033B; HOC 034; HOC 035A; HOC 036A; NTR 015 or NTR 040. This course is designed for the student to focus on intermediate concepts in caring for child-bearing families. Concepts include family communications, teaching, the nursing process, critical thinking, legal-ethical issues, and the advocacy role within the VN scope of practice.

### **HOC 033A Int. Medical/Surgical Nursing Theory (2.0 Units) 2.0 UNITS**

This course focuses on intermediate level nursing care and interventions for clients with diseases or disorders of the cardiac, vascular, respiratory, and urinary systems.

### **HOC 033B Int. Project-Based Medical/Surgical Reasoning (1.5 Lecture) 1.5 UNITS**

This course is designed to provide practice for the intermediate level vocational nursing student with principal problem-solving and critical reasoning through a variety of group activities and projects related to patients with cardiac, vascular, respiratory, and genitourinary disorders.

### **HOC 034 Pharmacology B (1.0 Unit) 1.0 UNIT**

This intermediate continuation pharmacology course focuses on safe administration and patient teaching principles for patients with disorders of the cardiac, vascular, respiratory and urinary systems.

### **HOC 035A Int. Nursing Skills/Simulation Lab (1.0 Unit) 1.0 UNIT**

This course integrates intermediate nursing skills, theoretical concepts and clinical competence in a controlled laboratory setting using case studies, group care planning, simulation scenarios and class discussions. Simulated scenarios reinforce planning and implementing interventions aimed to meet the needs of the medical-surgical and geriatric patients with respiratory, cardiac, vascular, and urinary disorders, and obstetrical and neonatal patients in inpatient and outpatient settings.

### **HOC 036A Int. Clinical Practicum (5.0 Lab) 5.0 UNITS**

This is a clinical experience course in which intermediate vocational nursing students apply theoretical concepts, basic nursing skills, the nursing process and therapeutic communication to delivery of safe, quality healthcare to medical-surgical, obstetrical and newborn patients in a variety of community healthcare settings under direct supervision of the instructor.

### **HOC 042 Care of the Pediatric Patient (2.0 Units) 2.0 UNITS**

This course is designed for the nursing student to focus on advanced concepts in caring for children from infancy through adolescence and their families/care givers. Concepts include communication skills, client teaching, the nursing process, critical thinking, legal-ethical issues, the advocacy role within the VN scope of practice.

### **HOC 043A Adv. Medical/Surgical Theory (2.0 Units) 2.0 UNITS**

This course focuses on advanced level nursing care and interventions for clients with diseases or disorders of particular body systems. The nursing process is used as a critical thinking tool in understanding diagnostics, assessing manifestations experienced by the patient, identifying and implementing evidence-based nursing interventions, and evaluating outcomes. Students identify the roles of vocational nurses and psychiatric technicians in collaborating with other health team members and planning therapeutic management of patients with conditions affecting the gastrointestinal, integumentary, endocrine, and hematological systems. Includes six hours of related pharmacology content.

### **HOC 043B Advanced Project-Based Medical Surgical Reasoning (1.5 Lecture) 1.5 UNITS**

This course is designed to provide practice for the advanced level vocational nursing student with principal problem-solving and critical reasoning through a variety of group activities and projects related to patients with gastrointestinal, integumentary, endocrine, and hematological disorders.

### **HOC 044 Pharmacology C (1.0 Unit) 1.0 UNIT**

This is a continuation course in pharmacology designed to assist the psychiatric technician and vocational nursing student with the principles of pharmacology. Emphasis is on defining pharmacological agents, classes, precautions for use, side effects, medication interactions, contraindications, and patient teaching for safe and proper pharmacological agents used for patients with disorders of the endocrine, hematologic, integumentary, and gastrointestinal systems and for pediatric clients.

### **HOC 045A Advanced Skills/Simulation Lab (1.0 Unit) 1.0 UNIT**

This course allows the advanced vocational nursing student the opportunity to integrate the concepts of the nursing process, clinical reasoning, nursing theory, and nursing skills in a laboratory setting which simulates the clinical experience. Focus is placed on developing competence in performing basic nursing procedures and skills through practice on manikins, return demonstration of skills and participation in simulated clinical scenarios aimed to meet the needs of the medical-surgical and geriatric patients with gastrointestinal, integumentary, endocrine, and hematological disorders and pediatric patients and their families in inpatient and outpatient settings.

- HOC 046A      Advanced Clinical Practicum (5.0 Lab)      5.0 UNITS**  
This is a clinical experience course in which advanced vocational nursing students apply theoretical concepts, basic nursing skills, the nursing process and therapeutic communication to delivery of safe, quality healthcare to medical-surgical and pediatric patients in a variety of community healthcare settings under direct supervision of the instructor. Pass/No Pass Only.
- HOC 047      Leadership and Professional Practice (1.5 Lecture)      1.5 UNITS**  
This course prepares the advanced vocational nursing and psychiatric students for application for licensure examination, the transition to entry level practice, and the development of leadership skills for advancement in their chosen career tracks. Grade Only.
- HOC 050      Role Transition LVN to RN (2.0 Units)      2.0 UNITS**  
This course is designed to prepare the licensed vocational nurse for entry into an associate degree nursing (ADN) program. The course content focuses on competencies expected of the graduate ADN (critical thinking skills, review of medical-surgical nursing concepts, role change, research skills, teaching-learning principles, development of the nursing teaching role, pharmacology principles, medication calculation) to prepare the student for success in an ADN program.
- HOC 050A      Role Transition Clinical (1.0 Unit)      1.0 UNIT**  
This course involves directed clinical experiences in a simulated acute hospital and simulated community healthcare agencies that provide services for perioperative and medical/surgical clients. Through the use of the nursing process, the student provides care, teaching, support and rehabilitation to perioperative and medical/surgical clients. Emphasis is on the role of the registered nurse caring for clients with acute and chronic problems.
- HOC 051      Community Mental Health Nursing (2.0 Units)      2.0 UNITS**  
This course is designed to present mental health principles to assist the nursing student in developing an increased understanding of human behavior related to a variety of psychiatric and mental health disorders. This course is designed to provide theoretical and clinical approaches in providing nursing care to individuals of varying ages, with complex health care needs in the community setting.
- HOC 052      Intermediate Medical-Surgical Nursing Theory (3.0 Units)      3.0 UNITS**  
The student learns to synthesize and correlate nursing knowledge and skills in the provision of care to multiple patients who have complex, multi-system illnesses. The focus is on helping students learn to identify and anticipate patient needs and priorities, and evaluate outcomes of care. The nursing care of adult and geriatric clients with acute and chronic illnesses is addressed.
- HOC 053      Introduction to Clinical Judgment (1.0 Unit)      1.0 UNIT**  
This course integrates nursing theory and clinical learning experiences through the use of case studies, clinical narratives, participation in clinical simulation scenarios with computerized manikins, and class discussion. This simulated clinical experience enhances the student's nursing theory course classroom learning. The emphasis is on the role of the registered nurse caring for acute medical-surgical and geriatric patients with acute and chronic problems in the nursing simulation lab.
- HOC 054      Intermediate Clinical Practicum (4.0 Lab)      4.0 UNITS**  
This course provides the nursing student with directed clinical experiences in acute care hospitals and a variety of community healthcare agencies for adult and geriatric patients/clients who have acute or chronic medical-surgical and mental health/psychiatric illnesses.
- HOC 060      Advanced Maternal-Child Nursing (2.0 Units)      2.0 UNITS**  
This course is designed for the student to focus on advanced concepts in caring for high risk child-bearing and child-rearing families. Concepts required include family communications, teaching, the nursing process, critical thinking, legal-ethical issues, and advocacy for the RN role and scope of practice.
- HOC 061      Advanced Medical-Surgical/Leadership Nursing (3.0 Units)      3.0 UNITS**  
This course focuses on advanced application of the nursing process in the care of critically ill adult and geriatric patients. Content includes leadership theory and application, delegation, priorities, and time management.
- HOC 062      Leadership and Ethics (1.0 Unit)      1.0 UNIT**  
This course prepares the student to take responsibility for managing and coordinating patient care. The registered nurse must have the knowledge and skills necessary to make decisions on setting priorities, delegation, quality improvement, legal parameters of nursing practice, and ethical issues confronting nursing today.
- HOC 064      Advanced Clinical Practicum (5.0 Lab)      5.0 UNITS**  
This course provides the nursing student with directed clinical experiences in acute care hospitals and a variety of community healthcare agencies for maternal-child and pediatric patients/clients as well as for adult and geriatric patients/clients who have acute or chronic medical-surgical illnesses.
- HOC 905      Math for Health Occupations (1.0 Unit)      1.0 UNIT**  
Advisory: MAT 903 This course is an introduction to math calculations for health occupations students. It provides the learner with the opportunity to explore the math functions within the health field.