

## **GDS 089B JAVASCRIPT II AND WEB DEVELOPMENT 3.0 UNITS**

*Total Lecture: 36 hours, Total Lab: 54 hours*

*Advisory: GDS 089*

*Acceptable for Credit: California State University*

This course provides an intermediate to advanced level content continuation of the GDS 089 JavaScript 1 course. The course also provides instruction on other aspects of web development, such as server interactions and version control. Topics include: Review of JavaScript basics, DOM scripting, front-end frameworks, asynchronous programming, JavaScript on the back end, APIs and Web Services. Technologies may include: JSON, React, XML, REST, jQuery, Angular, Node.js, package managers and AJAX. *Pass/No Pass Option.*

## **HEALTH OCCUPATIONS**

### **(HOC)**

## **HOC 001 MEDICAL TERMINOLOGY 3.0 UNITS**

*Total Lecture: 54 hours*

*Acceptable for credit: California State University*

This course provides techniques for medical word building and interpretation using basic word elements (root words, prefixes and suffixes) of Greek and Latin origin. Students learn anatomical, physiological, and pathological medical terminology, as well as therapeutic and diagnostic words, with an overview of each body system. Students demonstrate their ability to define, pronounce, and understand the meaning of medical terms through assignments such as analyzing medical records and creating a PowerPoint presentation. *Pass/No Pass Option.*

## **HOC 001A HEALTH OCCUPATIONS BOOTCAMP 2.0 UNITS**

*Total Lecture: 36 hours*

*Advisory: Basic arithmetic skills*

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 UNITS**

*Total Lecture: 9 hours*

*Acceptable for credit: California State University*

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. *Pass/No Pass Option.*

## **HOC 003 EMERGENCY/DISASTER PREPAREDNESS FOR ALLIED HEALTH PROFESSIONALS 0.5 UNITS**

*Total Lecture: 9 hours*

The course is designed to assist allied health workers in assessing and developing plans for emergency and disaster situations in the home, community agency or clinical setting. Note: The student must purchase and read the textbook prior to the start of the class. *Pass/No Pass Option.*

## **HOC 004 FIRST AID AND CPR 0.5 UNITS**

*Total Lecture: 9 hours*

The American Heart Association (HeartSavers) CPR/AED and First Aid course is a training program to prepare individuals to respond to life-threatening emergencies and to injuries and sudden illness that may arise in the workplace and in the community. This course covers CPR for adults, children and infants and the use of AEDs (automated external defibrillators), and has scenarios to facilitate discussion of appropriate care in first aid emergencies. Successful participants receive an American Heart Association Adult/Child/Infant CPR, AED and First-Aid certificate. *Pass/No Pass Option.*

## **HOC 005 INTRODUCTION TO COMMUNITY HEALTH WORKER 3.0 UNITS**

*Total Lecture: 54 hours*

*Acceptable for credit: California State University*

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. *Pass/No Pass Option.*

## **HOC 006 PERSONAL HEALTH AND LIFE STYLE 3.0 UNITS**

*Total Lecture: 54 hours*

*Advisory: CAP 033A*

*Acceptable for credit: California State University*

This course is designed to provide the student with learning experiences that will lead to a better understanding of the concept of a healthy lifestyle. The emphasis is on changing unhealthy behaviors to healthy ones. Major topics covered in the class are: understanding behavior and change, relationships, cardiovascular health, fitness, nutrition and weight control, stress management, drug and alcohol abuse, reproductive issues, self-care and the use of the health care system. *Pass/No Pass Option.*

## **HOC 008 COMMUNITY HEALTH PROBLEMS 3.0 UNITS**

*Total Lecture: 54 hours*

*Advisory: Students should have basic arithmetic skills.*

*Acceptable for credit: California State University, University of California*

This is an introductory community health course with a focus on vulnerable populations and associated chronic and common diseases and disorders. Included are identified populations at risk and associated chronic disease and public health concerns that are common in these populations and community agencies related to the elderly, maternal and child health, communicable disease, substance abuse, occupational safety, health and the environment. This course is required for students in the community health worker program and for individuals working in residential care agencies. *Grade Only.*

## **HOC 010 HEALTH COMMUNICATION: HEALTH LITERACY, HEALTH COACHING, AND MOTIVATIONAL INTERVIEWING 3.0 UNITS**

*Total Lecture: 54 hours*

*Advisory: Basic Arithmetic Skills*

*Acceptable for credit: California State University*

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. *Grade Only.*

**HOC 012 COMMUNITY HEALTH  
WORKER INTERNSHIP 3.0 UNITS**

Total Lecture: 18 hours, Total Arranged Lab: 108 hours

Prerequisite: HOC 005

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. *Pass/No Pass Option.*

**HOC 019A NURSING ASSISTANT  
FUNDAMENTALS 4.0 UNITS**

Total Lecture: 63 hours, Total Lab: 27 Hours

Corequisite: HOC 019B

Advisory: HOC 004

Acceptable for credit: California State University

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. *Grade only.*

**HOC 019B NURSING ASSISTANT  
CLINICAL EXPERIENCE 2.0 UNITS**

Total Lab: 108 hours

Corequisite: HOC 019A

Acceptable for credit: California State University

This clinical practicum provides the 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 to take the National Nurses Aide Assessment Program (NNAAP) examination. *Pass/No Pass Only.*

**HOC 019F HOME HEALTH  
AIDE FUNDAMENTALS 1.5 UNITS**

Total Arranged Lab: 27 hours

Co-requisite: HOC 019F

Advisory: Students should have basic arithmetic skills

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. *Pass/No Pass Only.*

**HOC 019G HOME HEALTH AIDE CLINICAL 0.5 UNITS**

Total Arranged Lab: 27 hours

Corequisite: HOC 019F

Advisory: Students should have basic arithmetic skills

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. *Pass/No Pass Only.*

**HOC 020 INTRODUCTION TO PROFESSIONAL  
HEALTH CARE 0.5 UNITS**

Total Lecture: 9 hours

Advisory: (HOC 001 and HOC 001A and HOC 905) or (HOC 001 and HOC 001A and MAT 903)

This course helps acquaint incoming vocational nursing and psychiatric technician students with Mission College, available student services, and the Health Occupations career tracks. It covers college orientation and information regarding Health Occupations policies and procedures, study skills, assignments, time management, and career opportunities. *Pass/No Pass Only.*

**HOC 022 PATIENT NURSING  
CARE FUNDAMENTALS 1.5 UNITS**

Total Lecture: 27 hours

Prerequisite or corequisite: (PSY 001 or PSY 001H) and PSY 012

Corequisite: HOC 023A and HOC 023B and HOC 023C and HOC 024 and HOC 025A and HOC 025B and HOC 026A and HOC 026B and HOC 027 and HOC 028

Acceptable for credit: California State University

This is a foundation course in which beginning Health Occupations students gain knowledge of fundamental principles and techniques necessary to provide basic nursing care to patients. Ethical and legal responsibilities of the vocational nurse and psychiatric technician are explored. Students utilize the nursing process and therapeutic communication while gaining competence in performing basic nursing procedures and skills, including administration of medications and enemas; performing physical assessments of body systems; collecting and ensuring integrity of diagnostic specimens; insertion of nasogastric tube; enteral feedings; airway suctioning; tracheostomy care; wound assessment and care, including application of dressings; as well as documentation of assessment findings, care provided and patient's responses. *Grade only.*

**HOC 023A BEG. MEDICAL-SURGICAL  
NURSING THEORY 2.5 UNITS**

Total Lecture: 45 hours

Prerequisite or corequisite: (PSY 001 or PSY 001H) and PSY 012

Corequisite: HOC 022 and HOC 023B and HOC 023C and HOC 024 and HOC 025A and HOC 025B and HOC 026A and HOC 026B and HOC 027 and HOC 028

Acceptable for credit: California State University

This course focuses on beginning level nursing care and interventions for patients 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 musculoskeletal, neurological, neurosensory and reproductive systems. Includes six hours of related pharmacology content. *Grade only.*

**HOC 023B BEG. COGNITIVE DISABILITIES-  
MENTAL HEALTH THEORY 1.0 UNIT**

Total Lecture: 18 hours

Prerequisite: HOC 028

Corequisite: HOC 022 and HOC 023A and HOC 023C and HOC 024 and HOC 025A and HOC 025B and HOC 026A and HOC 026B and HOC 027.

Acceptable for credit: California State University

This beginning course is designed to present theoretical concepts of mental health disorders, legal and ethical principles, and approaches to assist the vocational nursing and psychiatric technician students to identify and understand therapeutic communication skills, psycho-pharmacological concepts and assessment skills in caring for persons with psychiatric disorders. Among these skills are objective and subjective observations and data collection through assessment of strengths and abnormalities in function and behavior across the lifespan. Includes two hours of related pharmacology content. *Grade only.*

**HOC 023C BEG. COGNITIVE DISABILITIES -  
DEVELOPMENTAL DISABILITY THEORY 1.0 UNIT**

Total Lecture: 18 hours

Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 024 and HOC 025B and HOC 026B and HOC 027 and PSY 012.

Acceptable for credit: California State University

This is a beginning course in which the causes of intellectual and development disorders are explored. Psychiatric Technician students learn to perform focused behavioral and functional assessments and plan behavioral modification interventions for enhancing quality of life within areas of interpersonal relations, social inclusion, physical well-being and personal development for clients with intelligence and developmental disorders. Includes two hours of related pharmacology content. *Grade only.*

**HOC 024 PHARMACOLOGY A****1.0 UNIT***Total Lecture: 18 hours**Prerequisite: HOC 028**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 023C and HOC 025A and HOC 025B and HOC 026A and HOC 026B and HOC 027 and (PSY 001 or PSY 001H) and PSY 012.**Acceptable for credit: California State University*

This beginning course in pharmacology presents the vocational nursing and psychiatric technician student with the basic principles of pharmacology. The emphasis is on defining pharmacological agents, the use of reference books, and the nursing implications in pharmacological therapy. The course covers the uses of pharmacological agents, precautions for use, side effects, medication interactions, contraindications, and patient teaching for safe and proper pharmacological agent use for patients with disorders of the musculoskeletal, neurological, neurosensory, and reproductive systems. *Grade only.*

**HOC 025A FUNDAMENTALS SKILLS/  
SIMULATION LAB****1.0 UNIT***Total Lab: 54 hours**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 024 and HOC 026A and HOC 027 and HOC 028 and (PSY 001 or PSY 001H).**Acceptable for credit: California State University*

This course allows the beginning 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 musculoskeletal, neurological, neurosensory, reproductive and mental health disorders in inpatient and outpatient settings. *Pass/No Pass Only.*

**HOC 025B FUNDAMENTALS SKILLS/  
SIMULATION LAB****1.0 UNIT***Total Lab: 54 hours**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 024 and HOC 026A and HOC 027 and HOC 028 and (PSY 001 or PSY 001H).**Acceptable for credit: California State University*

This course allows the beginning 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 musculoskeletal, neurological, neurosensory, reproductive and mental health disorders in inpatient and outpatient settings. *Pass/No Pass Only.*

**HOC 026A BEG. CLINICAL PRACTICUM****5.0 UNITS***Total Lab: 270 hours**Prerequisite: HOC 028**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 024 and HOC 025A and HOC 027 and (PSY 001 or PSY 001H)**Acceptable for credit: California State University*

This is a foundation course which provides the Vocational Nursing student clinical experiences during which they integrate standards of professional practice, theoretic principles of nursing, therapeutic communication, nursing process and basic nursing skills during supervised care to patients with acute or chronic medical-surgical concerns and mental illnesses. Students spend approximately seventeen hours each week in community agencies. *Pass/No Pass Only.*

**HOC 026B BEG. CLINICAL PRACTICUM****5.0 UNITS***Total Lab: 270 hours**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 023C and HOC 024 and HOC 025B and HOC 027 and PSY 012.**Acceptable for credit: California State University*

This is a foundation course which provides the beginning psychiatric technician student clinical experiences during which they integrate research-based standards of professional practice, theoretic principles of nursing science, therapeutic communication, nursing process and basic nursing skills during supervised care to patients/clients with acute or chronic medical-surgical concerns, intellectual, developmental and mental health disabilities and disorders throughout the lifespan. Students spend approximately seventeen hours each week in community health care agencies. *Pass/No Pass Only.*

**HOC 027 NURSING PROCESS  
AND COMMUNICATION****2.0 UNITS***Total Lecture: 36 hours**Prerequisite: HOC 028**Corequisite: HOC 022 and HOC 023A and HOC 023B and HOC 023C and HOC 024 and HOC 025A and HOC 025B and HOC 026A and HOC 026B and (PSY 001 or PSY 001H) and PSY 012.**Acceptable for credit: California State University*

This course is designed to provide the beginning health care practitioner with an introduction to the framework of nursing process and basic communication concepts. Both are essential to development of problem-solving and critical thinking abilities as well as the formation of trusting interpersonal relationships necessary to meet individualized needs of the client, family, and community. 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. *Grade only.*

**HOC 028 CARE OF THE GERIATRIC PATIENT****1.0 UNIT***Total Lecture: 18 hours**Acceptable for credit: California State University*

This course is designed to give the vocational nursing student an introduction to the care of the elderly client in both an institutional and a community setting. The focus is on viewing the last developmental stage of the adult as a normal progression of life, including the basic hierarchy of human needs. This stage is explored to prepare the vocational nurse for the adaptations associated with the aging process. 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. *Grade only.*

**HOC 032 CARE OF OBSTETRICAL  
AND NEONATAL PATIENTS****2.0 UNITS***Total Lecture: 36 hours**Corequisite: HOC 033A and HOC 033B and HOC 034 and HOC 035A and HOC 036A and (NTR 015 or NTR 040).**Acceptable for credit: California State University*

This course is designed to educate the vocational nursing student about their role in providing care as a member of the healthcare team in meeting the needs of patients during pregnancy, in labor and delivery, and during the postpartum periods. This course focuses on the intermediate level concepts of the nursing process as it relates to the child-bearing family, including the care of neonates. This course includes assessing, developing, implementing and evaluating a plan of care that respects the individual's cultural and ethnic child-bearing beliefs that have an impact on the mother and family. The course includes 3.5 hours of relevant pharmacology content. *Grade only.*

**HOC 033A INT. MEDICAL/  
SURGICAL NURSING THEORY 2.0 UNITS**

Total Lecture: 36 hours

Corequisite: HOC 032 and HOC 033B and HOC 033C and HOC 033D and HOC 034 and HOC 035A and HOC 035B and HOC 036A and HOC 036B and (NTR 015 or NTR 040) and PSY 001.

Acceptable for credit: California State University

This course focuses on nursing care and interventions for patients 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 respiratory, cardiac, vascular, and urinary systems. Includes six hours of related pharmacology content. *Grade only.*

**HOC 033B INT. PROJECT-BASED MEDICAL/  
SURGICAL REASONING 1.5 UNITS**

Total Lecture: 27 hours

Corequisite: HOC 032 and HOC 033A and HOC 034 and HOC 035A and HOC 036A and (NTR 015 or NTR 040).

Acceptable for credit: California State University

This course is designed to provide vocational nursing students opportunities to develop problem-solving and critical reasoning while practicing their professional roles as members of the health care team caring for patients with cardiac, vascular, respiratory, and urinary disorders. This is achieved through a variety of group activities and projects such as reviewing, analyzing, and formulating plans of care, concept mapping, case studies, research of evidence-based best practices, professional journal article critique, and patient teaching plans. The course includes 2.5 hours of relevant pharmacology content. *Grade only.*

**HOC 033C INT. COGNITIVE DISABILITIES –  
MENTAL HEALTH THEORY 2.5 UNITS**

Total Lecture: 45 hours

Corequisite: HOC 033A and HOC 033D and HOC 034 and HOC 035B and HOC 036B and PSY 001

Acceptable for credit: California State University

This is an intermediate continuation course which is designed for psychiatric technician students to integrate previously learned theoretical mental health concepts with critical thinking as utilized in clinical practice. Students plan and evaluate therapeutic patient-centered goals and interventions considering cultural differences and the use of oral and written communication. These skills contribute to the establishment of the group process. Includes two hours of related pharmacology content. *Grade only.*

**HOC 033D INT. COGNITIVE DISABILITIES –  
DEVEL. DISABILITY THEORY 2.5 UNITS**

Total Lecture: 45 hours

Corequisite: HOC 033A and HOC 033C and HOC 034 and HOC 035B and HOC 036B and PSY 001.

Acceptable for credit: California State University

This is an intermediate continuation course in which psychiatric technician students explore genetic causes of intellectual and developmental disorders and integrate previously learned principles of cognitive and behavioral theory. They will explore planning and implementation interventions for enhancing quality of life through education and work by addressing social inclusion, interpersonal relations, personal development, self-determination and material well-being for the intellectually and developmentally disabled client. Includes two hours of related pharmacology content. *Grade only.*

**HOC 034 PHARMACOLOGY B 1.0 UNIT**

Total Lecture: 18 hours

Corequisite: HOC 032 and HOC 033A and HOC 033B and HOC 033C and HOC 033D and HOC 035A and HOC 035B and HOC 036A and HOC 036B and (NTR 015 or NTR 040) and PSY 001.

Acceptable for credit: California State University

This is an intermediate continuation course in pharmacology that presents the basic principles of pharmacology to the vocational nursing and psychiatric technician student. The emphasis is on defining pharmacological agents and analyzing the nursing implications in pharmacological therapy. The course covers the uses of pharmacological agents, precautions for use, side effects, medication interactions, contraindications, and patient teaching for safe and proper pharmacological agents use for patients with disorders of the cardiac, vascular, respiratory and urinary systems. *Grade only.*

**HOC 035A INT. NURSING SKILLS/  
SIMULATION LAB 1.0 UNIT**

Total Lab: 54 hours

Corequisite: HOC 032 and HOC 033A and HOC 033B and HOC 034 and HOC 036A and (NTR 015 or NTR 040).

Acceptable for credit: California State University

This course allows the intermediate 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 respiratory, cardiac, vascular, and urinary disorders, and obstetrical and neonatal patients in inpatient and outpatient settings. *Pass/No Pass Only.*

**HOC 035B INT. SKILLS/SIMULATION LAB 1.0 UNIT**

Total Lab: 54 hours

Corequisite: HOC 033A and HOC 033C and HOC 033D and HOC 034 and HOC 036B and PSY 001.

Acceptable for credit: California State University

This course allows the intermediate psychiatric technician 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 and providing return demonstration of skills and participation in simulated clinical scenarios. These scenarios are aimed to meet the needs of the medical-surgical and geriatric patients with respiratory, cardiac, vascular, urinary, and mental health disorders and developmental disabilities in inpatient and outpatient settings. *Pass/No Pass Only.*

**HOC 036A INT. CLINICAL PRACTICUM 5.0 UNITS**

Total Lab: 270 hours

Corequisite: HOC 032 and HOC 033A and HOC 033B and HOC 034 and HOC 035A and (NTR 015 or NTR 040).

Acceptable for credit: California State University

This is an intermediate level experiential course which provides the vocational nursing student with clinical experiences during which they integrate standards of professional practice, theoretical principles of nursing, therapeutic communication, nursing process and basic nursing skills during supervised care to adult and neonatal clients with acute or chronic medical-surgical/obstetrical concerns. Students spend approximately fifteen hours each week in inpatient and/or community health facilities. *Pass/No Pass Only.*

**HOC 036B INT. CLINICAL PRACTICUM 5.0 UNITS***Total Lab: 270 hours**Corequisite: HOC 033A and HOC 033C and HOC 033D and HOC 034 and PSY 001.**Acceptable for credit: California State University*

This is a continuation course which provides the intermediate psychiatric technician student with supervised clinical experiences during which they integrate research-based standards of professional practice, theoretic principles of nursing science, therapeutic communication, nursing process and basic nursing skills during supervised care to patients/clients with acute or chronic medical-surgical concerns, mental illnesses and developmental disabilities. The focus is on application of theoretical principles utilized to increase individual levels of functioning; observation, management, and documentation of behavioral problems; and utilizing interpersonal skills and therapeutic strategies for communication. The emphasis throughout is on the practical application of theoretical principles for clients with cognitive disabilities and acute or chronic medical-surgical disorders throughout the lifespan. Students spend approximately fifteen hours each week in community agencies. *Pass/No Pass Only.*

**HOC 042 CARE OF THE PEDIATRIC PATIENT 2.0 UNITS***Total Lecture: 36 hours**Corequisite: HOC 043A and HOC 043B and HOC 044 and HOC 045A and HOC 046A and HOC 047 and PSY 012.**Acceptable for credit: California State University*

This course is designed to give the vocational nursing student a working knowledge of the principles and skills necessary in the care of pediatric clients. The course focuses on advanced level concepts of the nursing process as it relates to the child and family, and includes client/family education, discharge planning, home care, and adaptations of nursing care to both hospital and home, including 3.5 hours of relevant pharmacology content. *Grade only.*

**HOC 043A ADVANCED MEDICAL/ SURGICAL THEORY 2.0 UNITS***Total Lecture: 36 hours**Corequisite: HOC 042 and HOC 043B and HOC 043C and HOC 043D and HOC 044 and HOC 045A and HOC 045B and HOC 046A and HOC 046B and HOC 047 and (NTR 015 or NTR 040) and PSY 012.**Acceptable for credit: California State University*

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. *Grade only.*

**HOC 043B ADVANCED PROJECT-BASED MEDICAL SURGICAL REASONING 1.5 UNITS***Total Lecture: 27 hours**Corequisite: HOC 042 and HOC 043A and HOC 044 and HOC 045A and HOC 046A and HOC 047 and PSY 012.**Acceptable for credit: California State University*

This course is designed to provide vocational nursing students opportunities to develop problem-solving and critical reasoning skills while practicing their professional roles as members of the health care team caring for patients with gastrointestinal, integumentary, endocrine, and hematological disorders. This is achieved through a variety of group activities and projects such as care planning, concept mapping, case studies, research of evidence-based best practices, professional journal article critique, and patient teaching plans. The course includes 2.5 hours of relevant pharmacology content. *Grade only.*

**HOC 043C ADVANCED COGNITIVE DISABILITIES – MENTAL HEALTH THEORY 2.5 UNITS***Total Lecture: 45 hours**Corequisite: HOC 043A and HOC 043D and HOC 044 and HOC 045B and HOC 046B and HOC 047 and (NTR 015 or NTR 040).**Acceptable for credit: California State University*

This is an advanced continuation course designed for psychiatric technician students to focus on previously learned mental health concepts and skills which constitute critical thinking as utilized in clinical practice. Students develop, analyze and evaluate principles of mental health, therapeutic, patient-centered, comprehensive plans of care for vulnerable and diverse populations in community and acute care settings. Includes two hours of related pharmacology content. *Grade only.*

**HOC 043D ADV COGNITIVE DISAB – DEVELOPMENTAL DISAB. THEORY 2.5 UNITS***Total Lecture: 45 hours**Corequisite: HOC 043A and HOC 043C and HOC 044 and HOC 045B and HOC 046B and HOC 047 and (NTR 015 or NTR 040).**Acceptable for credit: California State University*

This is an advanced course which focuses on integration of previous learning and skills which constitute critical thinking. It is designed to provide the psychiatric technician student with an understanding of the principles needed for the provision of comprehensive care for quality of life enhancement with a focus on self-determination, emotional well-being, social inclusion, rights, personal development, and physical well-being for mental healthcare and health promotion for the developmentally and intellectually disabled client. Students integrate their nursing knowledge with the principles of behavioral therapy and group communication process to plan care to a unique population of individuals with a multitude of physical and intellectual challenges. Includes two hours of related pharmacology content. *Grade only.*

**HOC 044 PHARMACOLOGY C 1.0 UNIT***Total Lecture: 18 hours**Corequisite: HOC 042 and HOC 043A and HOC 043B and HOC 043C and HOC 043D and HOC 045A and HOC 045B and HOC 046A and HOC 046B and HOC 047 and (NTR 015 or NTR 040) and PSY 012.**Acceptable for credit: California State University*

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. *Grade only.*

**HOC 045A ADVANCED SKILLS/SIMULATION LAB 1.0 UNIT***Total Lab: 54 hours**Corequisite: HOC 042 and HOC 043A and HOC 043B and HOC 044 and HOC 046A and HOC 047 and PSY 012.**Acceptable for credit: California State University*

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. *Pass/No Pass Only.*

**HOC 045B ADVANCED SKILLS/  
SIMULATION LAB 1.0 UNIT**

Total Lab: 54 hours

Corequisite: HOC 043A and HOC 043C and HOC 043D and HOC 044 and HOC 046B and HOC 047 and (NTR 015 or NTR 040).

Acceptable for credit: California State University

This course allows the advanced psychiatric technician 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 mental health and developmental disability disorder patients and their families in inpatient and outpatient settings. *Pass/No Pass Only.*

**HOC 046A ADVANCED CLINICAL PRACTICUM 5.0 UNITS**

Total Lab: 270 hours

Corequisite: HOC 042 and HOC 043A and HOC 043B and HOC 044 and HOC 045A and HOC 047 and PSY 012.

Acceptable for credit: California State University

This is an advanced level experiential course designed to give the student a working knowledge of the principles and skills necessary for providing nursing care in a variety of settings. Clinical experience is correlated with classroom learning and includes an emphasis on integrating the critical elements of nursing into the care of medical-surgical, geriatric and pediatric clients. Emphasis is placed on continued competence in critical thinking skills and in performing vocational nursing functions. The focus is on developing beginning leadership skills and transitioning from a student level to a novice level of practice. *Pass/No Pass Only.*

**HOC 046B ADVANCED CLINICAL PRACTICUM 5.0 UNITS**

Total Lab: 270 hours

Corequisite: HOC 043A and HOC 043C and HOC 043D and HOC 044 and HOC 045B and HOC 047 and (NTR 015 or NTR 040).

Acceptable for credit: California State University

This continuation course provides the advanced psychiatric technician student with supervised clinical experiences with clients with developmental disabilities, psychiatric and medical-surgical disorders in a variety of community agencies. Emphasis is on the use of the nursing process and therapeutic communication techniques to identify and address the needs of fragile and vulnerable clients. Students plan and provide direct resident/client care, facilitate a variety of group activities, administer medications, and participate as collaborative members of the health care team. *Pass/No Pass Only.*

**HOC 047 LEADERSHIP AND  
PROFESSIONAL PRACTICE 1.5 UNITS**

Total Lecture: 27 hours

Corequisite: HOC 042 and HOC 043A and HOC 043B and HOC 043C and HOC 043D and HOC 044 and HOC 045A and HOC 045B and HOC 046A and HOC 046B and (NTR 015 or NTR 040) and PSY 012.

Acceptable for credit: California State University

The focus of this course is to prepare the vocational nursing and psychiatric technician student for application for the licensure/NCLEX examination and the transition to entry level professional practice. Course content includes: securing and maintaining licensure; exploration of employment opportunities; interviewing techniques/strategies, legal, ethical and socio-cultural aspects of client care; the effect of current issues and trends on clinical practice; and the development of leadership roles. *Grade only.*

**HOC 050 ROLE TRANSITION LVN TO RN 2.0 UNITS**

Total Lecture: 36 hours

Corequisite: HOC 050A

Acceptable for credit: California State University

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 AND program. *Grade Only.*

**HOC 050A ROLE TRANSITION CLINICAL 1.0 UNIT**

Total Lab: 54 hours

Corequisite: HOC 050

Acceptable for credit: California State University

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. *Pass/No Pass Only.*

**HOC 051 COMMUNITY MENTAL  
HEALTH NURSING 2.0 UNITS**

Total Lecture: 36 hours

Prerequisite: HOC 050 and HOC 050A

Corequisite: HOC 052 and HOC 053 and HOC 054

Acceptable for credit: California State University

This course is designed to present mental health principles to assist the RN nursing student in developing an increased understanding of human behavior in the areas of anxiety disorders, psychiatric disorders, chemical dependency, personality disorders, domestic violence and sexual assault issues. Instruction regarding the application of therapeutic communication skills, psychopharmacological concepts and mental status assessment skills is also emphasized with the discussion of the above issues. 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. Students must achieve 75% overall in order to pass the course. *Grade Only.*

**HOC 052 INTERMEDIATE MEDICAL-SURGICAL  
NURSING THEORY 3.0 UNITS**

Total Lecture: 54 hours

Prerequisite: HOC 050 and HOC 050A

Corequisite: HOC 051 and HOC 053 and HOC 054

Acceptable for credit: California State University

This course provides the student with the opportunity to synthesize and correlate nursing knowledge and skills necessary in the provision of care to multiple patients who have complex, multi-system illnesses. The focus is for the students to 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, in addition to integrating and practicing associated psycho-motor skills. Students must earn 75% or better overall in course assignments to earn a passing grade in this course. *Grade Only.*

**HOC 053 INTRODUCTION TO CLINICAL JUDGEMENT 1.0 UNIT***Total Lab: 54 hours**Prerequisite: HOC 050 and HOC 050A**Corequisite: HOC 051 and HOC 052 and HOC 054**Acceptable for credit: California State University*

This course allows the registered nursing student to integrate the concepts of critical thinking, critical reasoning, nursing theory, and nursing skills in a laboratory setting which simulates the clinical experience. 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. Emphasis is on developing competence in critical thinking and in leadership skills. *Pass/No Pass Only.*

**HOC 054 INTERMEDIATE CLINICAL PRACTICUM 4.0 UNITS***Total Lab: 216 hours**Prerequisite: HOC 050 and HOC 050A**Corequisite: HOC 051 and HOC 052 and HOC 053**Acceptable for credit: California State University*

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. The nursing student provides comprehensive, holistic patient/client care and teaching to assist the individuals who have acute or chronic illness in the medical-surgical and mental health/psychiatric settings to meet their health needs while incorporating the standards of professional practice and the Neuman Systems Model. *Pass/No Pass Only.*

**HOC 060 ADVANCED MATERNAL-CHILD NURSING 2.0 UNITS***Total Lecture: 36 hours**Prerequisite: HOC 050 and HOC 050A and HOC 051 and HOC 052 and HOC 053 and HOC 054**Corequisite: HOC 061 and HOC 062 and HOC 064**Acceptable for credit: California State University*

This course focuses on the nursing process as it relates to the child-bearing and child-rearing family. The nurse's roles of provider, manager of care, and member of the profession are explored in meeting the needs of patients in labor and delivery, mother-baby, and pediatrics. This course focuses on assessing, developing, implementing and evaluating a plan of care that respects the individual's cultural and ethnic child-bearing and child-rearing beliefs that have an impact on the hospitalized child and family. Simulated practice of nursing skills in a nursing simulation laboratory is required. *Grade Only.*

**HOC 061 ADVANCED MEDICAL-SURGICAL NURSING THEORY 3.0 UNITS***Total Lecture: 54 hours**Prerequisite: HOC 050 and HOC 050A and HOC 051 and HOC 052 and HOC 053 and HOC 054**Corequisite: HOC 060 and HOC 062 and HOC 064**Acceptable for credit: California State University*

This course focuses on advanced application of the nursing process in the care of critically ill adult and geriatric patients. The students have an opportunity to integrate and apply previously learned skills and knowledge from all areas of nursing practice. Content includes leadership theory and application, delegation, priorities, and time management. *Grade Only.*

**HOC 062 LEADERSHIP AND ETHICS 1.0 UNIT***Total Lecture: 18 hours**Prerequisite: HOC 050 and HOC 050A and HOC 051 and HOC 052 and HOC 053 and HOC 054**Corequisite: HOC 060 and HOC 061 and HOC 064**Acceptable for credit: California State University*

This course introduces principles of leadership and supervision as they apply to the registered nurse. The focus is on the role of the registered nurse as a member of the health care team and supervisor of vocational nurses and unlicensed health care team caregivers. Students address basic ethical concepts, principles, justification, and reasoning and apply them to ethical issues and cases involving professionalism, confidentiality, veracity, paternalism, and informed consent in the context of nursing situations. *Grade Only.*

**HOC 064 ADVANCED CLINICAL PRACTICUM 5.0 UNITS***Total Lab: 270 hours**Prerequisite: HOC 050 and HOC 050A and HOC 051 and HOC 052 and HOC 053 and HOC 054**Corequisite: HOC 060 and HOC 061 and HOC 062**Acceptable for credit: California State University*

This course provides the nursing student with directed clinical experiences for maternal-child and pediatric patient/clients as well as adult and geriatric patients/clients in acute care hospitals and a variety of community healthcare agencies. The nursing student provides comprehensive, holistic patient/client care and teaching to assist the individuals who have acute or chronic illness in the medical-surgical setting as well as provide maternal-child nursing care for patients in labor and delivery, mother-baby, and pediatrics settings to meet their health needs while incorporating the standards of professional practice and the Neuman Systems Model. *Pass/No Pass Only.*

**HOC 905 MATH FOR HEALTH OCCUPATIONS 1.0 UNIT***Total Lecture: 18 hours**Advisory: MAT 903 or High School Algebra I*

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. Students become competent with performing accurate calculations for the delivery of medications. *Pass/No Pass Option. Non-degree applicable course.*

**HISTORY (HIS)****HIS 004A HISTORY OF WESTERN CIVILIZATION 3.0 UNITS***Total Lecture: 54 hours**Acceptable for credit: University of California, California State University*

This course is a survey of Western Civilization from prehistoric times to 1600. Emphasis is on the major political, economic, social, cultural and intellectual movements that have molded Western society. *Pass/No Pass Option. C-ID # HIST 170. CSUGE: D; IGETC: 3B, 4, C2.*

**HIS 004AH HISTORY OF WESTERN CIVILIZATION – HONORS 3.0 UNITS***Total Lecture: 54 hours**Acceptable for credit: University of California, California State University*

This honors course is a survey of Western Civilization from prehistoric times to 1600. Emphasis is on the major political, economic, social, cultural and intellectual movements that have molded Western society. Students cannot get credit for both HIS 004A and HIS 004AH. Enrollment in the Honors Transfer Project is required. *Pass/No Pass Option. C-ID # HIST 170. CSUGE: C2, D; IGETC: 3B, 4.*