

## ALLIED HEALTH (NURSING)

### Also see: Health Education

#### AH 3 The Person in the Life Cycle

**Units:** 3.0 **Hours:** 3.0 Lecture  
**Transferable:** CSU, UC; CSU-GE:E, GAV-GE:E2, F

Interaction of social, emotional, intellectual, and physical attributes related to the development and realization of human potential across the life span. (C-ID: PSY 180) **PREREQUISITE:** Eligible for English 1A.

#### AH 8 General Microbiology

**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory  
**Transferable:** CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

An introduction to microbiology with an emphasis on bacteriology. Includes the study of morphology and physiology of microorganisms, a survey of infectious diseases, immunology and techniques for culture and control of microorganisms. This course is also listed as BIO 8. **PREREQUISITE:** Biological Science 10 or 15 with a grade of credit or C or better. **ADVISORY:** Chemistry 30A and Chemistry 30B; eligible for English 250, 260 and Mathematics 205.

#### AH 9 Human Physiology

**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory  
**Transferable:** CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

Study of the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is also listed as BIO 9. **PREREQUISITE:** Chemistry 30A, Biological Science 7 or 15 with a grade of credit or C or better or equivalent. **ADVISORY:** Chemistry 30B; eligible for English 250, English 260 and Mathematics 205.

#### AH 11 Nutrition

**Units:** 3.0 **Hours:** 3.0 Lecture  
**Transferable:** CSU, UC; CSU-GE:E, GAV-GE:E2, F

This course is designed to meet the needs of the Allied Health student and the general education student alike. The major aim of this course is to help the student acquire relevant information about nutrition which they can use professionally and/or personally. The course will cover the practical aspects of normal nutrition, ways to promote sound eating habits throughout the life cycle, and physiological contribution nutrients make to body structure and function. This course is also listed as BIO 11. **PREREQUISITE:** Eligible for English 1A. **ADVISORY:** Chemistry 30A and Mathematics 205.

#### AH 15 Survey of Human Anatomy and Physiology

**Units:** 5.0 **Hours:** 4.0 Lecture and 3.0 Laboratory  
**Transferable:** CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

An introductory study of the structure and function of the human body. Includes study at the cellular and organ system levels, emphasizing integration of systems. Note that a cadaver will be observed in this course. This course is also listed as BIO 15. **ADVISORY:** Biology 10 or Biology 12 with a grade of 'C' or better. Eligible for English 250, English 260 and Mathematics 205. Course will include viewing of a cadaver.

#### AH 16 Intravenous Therapy / Blood Withdrawal

**Units:** 2.0 **Hours:** 1.5 Lecture and 1.5 Laboratory  
**Transferable:** CSU

Theoretical application and clinical techniques required for safe administration of IV therapy and withdrawal of blood for testing. (Approved by the Board of Vocational Nursing for certification in IV Therapy and Blood Withdrawal. Approved for continuing education credit BRN #00892). **PREREQUISITE:** Completion of AH 54 or equivalent with a grade of C or better or current active LVN licensure in California. \$150.00 course materials fee payable at registration.

#### AH 30 Standard First Aid and Cardiopulmonary Resuscitation

**Units:** 2.0 **Hours:** 2.0 Lecture  
**Transferable:** CSU, UC; GAV-GE:E2

First aid training to prepare people to meet the needs of emergencies when medical assistance is delayed. Incorporates the techniques of cardiopulmonary resuscitation. Includes information on the care of wounds, fractures, burns, poisoning, shock, as well as elementary rescue transportation. A satisfactory grade qualifies the student for a Red Cross Standard First Aid card and the Red Cross CPR card. May be repeated three times for credit.

#### AH 32 Basic Cardiac Life Support

**Units:** 1.0 **Hours:** 1.0 Lecture  
**Transferable:** CSU

Course designed to teach students skills in adult, child and infant cardiopulmonary resuscitation. Specifically designed for health professionals. Successful completion will result in certification by the American Heart Association or American Red Cross. This is a pass/no pass course. May be repeated three times for credit. \$12.00 course material fee. Additional \$5.00 due upon completion for certification card.

#### AH 51 Medical-Surgical Nursing

**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory  
**Transferable:** CSU

Course is designed to provide a basic introduction to patient care within the role of the nurse. Emphasizes principles and skills necessary for safe, effective care. Content includes introduction to health care, effective communication, client rights and needs, asepsis, personal care, safety, and gerontology. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to the nursing program.

#### AH 52 Medical-Surgical Nursing

**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory  
**Transferable:** CSU

Course is designed to provide both theoretical and clinical experience in the care of adult, medical-surgical clients. This course will further refine basic nursing skills and introduce more complicated nursing situations. Content includes pre-operative and post-operative care of the client with pain, cancer, and care of the client with disorders of musculoskeletal, integument, gastrointestinal, and respiratory systems. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51.

#### AH 53 Medical-Surgical - Maternal-Neonatal Nursing

**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory  
**Transferable:** CSU

Course contains two components to provide theoretical and clinical experience in medical-surgical and maternal- neonatal nursing. Content includes care of clients with disorders of the circulatory, urinary and reproductive systems, normal pregnancy and birth, common or major complications, care of the normal newborn, and neonate with special problems. Related pharmacology is included. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51 and AH 52.

#### AH 54 Medical-Surgical / Pediatric Nursing

**Units:** 11.0 **Hours:** 6.0 Lecture and 15.0 Laboratory  
**Transferable:** CSU

Course contains two components to provide theoretical and clinical experience in medical surgical and pediatric nursing. Content includes care of clients with disorders of the endocrine and neurosensory systems, mental health, emergency nursing and care of the child, including preventative measures and health teaching. A leadership component is included to prepare the student for the realistic work assignment of the nurse. \$100 course material fee, payable at registration. **PREREQUISITE:** Completion of AH 51, 52 and 53.

**AH 55 Interactive and Mental Health Nursing**

**Units:** 10.0 **Hours:** 5.5 Lecture and 13.5 Laboratory  
**Transferable:** CSU

The dynamics of leadership and management in nursing, including concepts of basic mental health. Progresses from basic mental health knowledge and skills to the refinements involved in psychiatric nursing practice as it relates to all age groups. Incorporates nursing concepts and nursing experiences relative to human sexuality, child abuse and cultural and ethnic diversity. \$100 course material fee, payable at registration. **PREREQUISITE:** Admission to advanced standing / RN program and California IV Certification and successful completion of AH 51, 52, 53 and 54 or equivalent.

**AH 56 Compensatory Nursing Practice**

**Units:** 10.0 **Hours:** 5.5 Lecture and 13.5 Laboratory  
**Transferable:** CSU

Concepts and principles of the nursing process applied to preventative, remedial, supportive, rehabilitative, and teaching aspects in meeting the health needs of the patient requiring compensatory nursing interventions. Incorporates nursing concepts and experiences with all age groups, including senior adults. \$100 course material fee, payable at registration. **PREREQUISITE:** Successful completion of AH 55 and an active valid, unrestricted California LVN.

**AH 140 Online Health Research**

**Units:** 2.0 **Hours:** 2.0 Lecture  
**Transferable:** CSU

A beginning course on how to find reliable, current health-related information, using the Internet and other electronic resources. This course is also listed as LIB 140.

**AH 170 Basic Clinical Medical Assisting**

**Units:** 6.0 **Hours:** 4.0 Lecture and 6.0 Laboratory  
**Transferable:** CSU

Course provides a basic introduction to clinical medical assisting. Emphasizes principles, understanding of skills necessary to perform basic clinical medical assisting procedures safely and effectively. **PREREQUISITE:** Eligible for English 250, English 260 and Mathematics 205.

**AH 171 Advanced Clinical Medical Assisting**

**Units:** 6.0 **Hours:** 4.0 Lecture and 6.0 Laboratory  
**Transferable:** CSU

Course provides instruction and clinical experience in advanced concepts of clinical medical assisting including specialty procedures and treatments. **PREREQUISITE:** AH 170 with a grade of C or better or equivalent. Equivalency determined by written and performance exams.

**AH 180 Fundamentals of Nursing--Convalescent**

**Units:** 8.0 **Hours:** 6.0 Lecture and 7.0 Laboratory  
**Transferable:** CSU

A course to provide a basic introduction to patient care in the convalescent setting. Emphasizes principles, understanding and skills necessary to perform basic nursing procedures safely and effectively. Includes introduction to health care, planning, safety, infection control, personal care, basic procedures, rehabilitation, nutrition and clients' rights and needs. At the completion of this course students will qualify for state certification as a nursing assistant. **PREREQUISITE:** Eligible for English 250 and English 260 and eligible for MATH 205 or MATH 430. Clearance from the Department of Health Services (Form HS283), fingerprint card, and health clearance required prior to clinical placement. Health and fingerprint clearance required prior to clinical placement. Uniform, shoes, watch, and stethoscope required. Clinical in Morgan Hill or Hollister, as assigned.

**AH 182 Home Health Care**

**Units:** 2.0 **Hours:** 1.5 Lecture and 1.5 Laboratory  
**Transferable:** CSU

Course is designed to prepare students to provide basic health care in the home. Includes interpretation of medical/social needs, personal care services, cleaning tasks, nutrition, and the scope of limitations of a home health aide. All students who achieve a grade of "C" or better will be eligible for a Home Health Aide certificate from the State of California. **PREREQUISITE:** California CNA certification or concurrent enrollment in AH 180 or equivalent. Equivalency determined by written and performance exams. Also, eligible for English 250 and English 260. Clearance from the Department of Health Services (Form HS283), fingerprint card, and health clearance required prior to clinical placement.

**AH 190 Occupational Work Experience / Allied Health**

**Units:** 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory  
**Transferable:** CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. May be taken for a maximum total of 16 units. Minimum 2.00 GPA. **REQUIRED:** Declared vocational major.

**AH 191A Workplace Skills**

**Units:** 1.0 **Hours:** 1.0 Lecture  
**Transferable:** CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191A is Interpersonal Communication. Need not be taken in sequence. This is a pass/no pass course.

**AH 191B Workplace Skills**

**Units:** 1.0 **Hours:** 1.0 Lecture  
**Transferable:** CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191B is Team Building. Need not be taken in sequence. This is a pass/no pass course.

**AH 191C Workplace Skills**

**Units:** 1.0 **Hours:** 1.0 Lecture  
**Transferable:** CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191C is Problem-Solving. Need not be taken in sequence. This is a pass/no pass course.

**Anatomy: see Biological Sciences****ANTHROPOLOGY****ANTH 1 Introduction to Physical Anthropology**

**Units:** 3.0 **Hours:** 3.0 Lecture  
**Transferable:** CSU, UC; CSU-GE:B2, IGETC:5B, GAV-GE:B2, F

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. (C-ID: ANTH 110) **ADVISORY:** English 250, English 260 and Mathematics 205.

**ANTH 1L Physical Anthropology Lab**

**Units:** 1.0 **Hours:** 3.0 Laboratory  
**Transferable:** CSU, UC; CSU-GE:B3, IGETC:5C, GAV-GE:B3

This laboratory course is offered as a supplement to Introduction to Physical Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and hands-on exploration of topics in physical anthropology: genetics; human osteology; comparative and functional skeletal anatomy; primate behavior; human fossil record; modern human variation; and other resources to investigate processes related to human evolution. **PREREQUISITE:** ANTH 1, Introduction to Physical Anthropology, may be taken concurrently. **ADVISORY:** English 250.