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## Health Science (HS)

### **HS 005 Medical Terminology (3)**

*Class Hours:* 54 Lecture

*Transfers to:* Transfers to CSU only

#### Medical Terminology

HS 005 is designed to give students an understanding of terminology used in the medical field. Students will learn to build medical terms by using prefixes, suffixes, roots and stems. Students will be taught to spell properly, pronounce medical terms and use common medical abbreviations. (AA/AS, CSU)

### **HS 015X Occupational Work Experience (1 - 8)**

*Class Hours:* Work Experience

*Transfers to:* Transfers to CSU only

#### Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

### **HS 050 Sterile Processing Tech Prep (5)**

*Class Hours:* 90 Lecture

*Take HS-50L (Required, Previous or concurrent).:*

*Transfers to:* Not transferable

#### Sterile Processing Technician Preparation

This theory course is consistent with the sterile processing industry, local and county regulations that pertain to processing instruments and equipment in a medical facility. HS 50, along with the laboratory corequisite course HS 050L prepares students to function as Sterile Processing technicians. This theory course will include important practice and background information on basic concepts of asepsis, universal precautions, AIDS, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, respiratory therapy assisting, laboratory sterile processing to process instruments, equipment and supplies for utilization in the operating room, in-house departments and clinics; this includes appropriate record keeping and distribution. Students wishing to use this course toward a health degree or certificate must obtain a 77% or higher. Successful students will be eligible to sit for the IAHSMM exam for certification. (AA/AS)

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**HS 050L Sterile Processing Tech Prep (8.5)***Class Hours:* 459 Laboratory*Take HS-50 (Required, Previous or concurrent):**Transfers to:* Not transferable**Sterile Processing Technician Preparation**

This is the laboratory portion of the Sterile Processing Technician Preparation Program. This course will include important practice and background information on basic concepts of asepsis, universal precautions, AIDS, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, laboratory sterile processing to process instruments, equipment and supplies for utilization in the operating room, in-house departments and clinics; this includes a appropriate record keeping and distribution. Additionally, students will practice with equipment and perform hands on labs including introduction to the function and proper use of the autoclave machines, reprocessing of instrumentation and sterilization principles, universal precautions including decontamination, instruction preparation, and general sterilization. Students are required to take HS 50 as a corequisite. Students wishing to use this course toward a health degree or certificate must obtain a 77% or higher. Successful students will be eligible to sit for the IAHSMM exam for certification. (AA/AS)

**HS 051 Medical Assisting Back Office (9)***Class Hours:* 126.00 Lecture | 108.00 Laboratory*Corequisite(s):* HS 015X (Required, Previous or concurrent).*Advisory(s):* HS 005, Healthcare Provider CPR card, negative TB screening, background clearance may be required by facilities (Recommended, Previous or concurrent).*Transfers to:* Not transferable**Medical Assisting Back Office**

This course consists of theory and clinical practice that will enable the student to acquire the skills necessary to function as a medical assistant in the back office of a healthcare provider or in a healthcare clinic. It also requires the student to enroll in at least 1 unit of CWEE courses, course HS 015X.(AA/AS)

**HS 052 Medical Assisting-Administrative (9)***Class Hours:* 126.00 Lecture | 108.00 Laboratory*Corequisite(s):* HS 015X (Required, Previous or concurrent).*Advisory(s):* Healthcare provider CPR card, negative TB screening and background clearance may be required by facilities (Recommended, Previous or concurrent).*Transfers to:* Not transferable**Medical Assisting -Administrative**

This course consists of theory and clinical practice that will enable the student to build on computer skills and acquire the office skills necessary to function as an administrative medical assistant and/or receptionist in the front office of a healthcare provider or in a healthcare clinic. (AA/AS)

**HS 061 Nurse Assistant Training (6)***Class Hours:* 63.00 Lecture | 135.00 Laboratory*Advisory(s):* ENG 051A, students must be at least 17 year of age, physical exam clearance, negative TB screen, and negative criminal background (Recommended, Previous or concurrent).*Transfers to:* Not transferable**Nurse Assistant Training**

The Nurse Assistant Training course is a class in compliance with the regulations of the California Department of Public Health. This course includes theory content, skills practice and delivery of care to acute patients and long term residents. This course meets on campus for both theory and skills lab and in healthcare facilities. Upon successful completion of the course, the student will be eligible to take the California Certified Nursing Assistant examination. (AA/AS)

**HS 090 Medical Mathematics**

(2)

*Class Hours:* 36 Lecture*Advisory(s); HS 005, MATH 101:**Transfers to:* Not transferable

## Medical Mathematics

This course focuses on the development of mathematical and analytical skills related to the delivery of drugs and solutions by registered nurses. Topics will include the calculation of oral medications, intravenous medications, intravenous drip rates, and injective medications. This course will prepare the student for entry into nursing school. Due to the nature of the course, students will be required to earn at least an 80% in order to pass. (AA/AS)

**HS 30.3 Cardiovascular (ekg) Tech**

(5)

*Class Hours:* 54.00 Lecture | 108.00 Laboratory*Transfers to:* Transfers to CSU only

## Cardiovascular (ekg) Technician

This comprehensive EKG Technician Course prepares students to function as cardiovascular (EKG) Technicians. This Course will include important practice and background information on anatomy of the heart and physiology, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, respiratory therapy assisting, and electrocardiography. Additionally, students will practice with equipment and perform hands on labs including introduction to the function and proper use of the machine, the normal anatomy of the chest wall for proper placement, 12-lead placement and other clinical practices. Students wishing to use this course toward a health degree or certificate must obtain a 77% or above. (AA) Advisory: Strongly Recommended Preparation of HS 5, BIO 32, Math 101, and ENG 105B.

**HS 30.5 Sterile Processing Tech Prep**

(13.5)

*Class Hours:* 90.00 Lecture | 459.00 Laboratory*Transfers to:* Transfers to CSU only

## Sterile Processing Tech Preparation

This comprehensive Certified Sterile Processing Technician course functions within the sterile processing industry local and county regulations that pertain to processing instruments, equipment Certified Sterile Processing Technician course prepares students to function as Sterile Processing Technicians, This course will include important practice and background information on basic concepts of asepsis, universal precautions, AIDS, medical disease processes, medical terminology, medical ethics, legal aspect of patient contact, respiratory therapy assisting, laboratory sterile processing to process instruments, equipment and supplies appropriate record keeping and distribution. Additionally, students will practice with equipment and perform hands-on labs, including introduction to the function and proper use of the autoclave machines, reprocessing of instrumentation and sterilization principles, universal precautions including decontamination, instruction preparation, and general sterilization. Students wishing to use this course toward a health degree or certificate must obtain a 77% or higher. Successful students will be eligible to take the IAHSMM examination certification. Advisory: Strongly Recommended Preparation of HS 5, Bio 32, Math 101, and ENG 105B.