

## MAJOR REQUIREMENTS

### SKILL CERTIFICATE IN COMPUTER NETWORK MANAGEMENT

#### MAJOR CODE 0706.01

Microsoft Network training at WLAC prepares students to pass Microsoft Certification exams. These industry-demand certifications are important to those who wish to pursue a career working with Microsoft network. This program provides support professionals' core foundation for supporting Microsoft domain network.

REQUIRED COURSES	UNITS
CO SCI 965 Introduction to Computer Networks	3
CO SCI 981 Administering Computer Networks and Security	3
CO SCI 982 Introduction to Microsoft Server Operating System	3
CO SCI 983 Microsoft Networking Infrastructure Administration	3
CO SCI 984 Introduction to Windows Active Directory Services	3
CO SCI 991 Cisco Router Laboratory	1
CO SCI 992 Computer A+ Hardware Lab	2
<b>TOTAL UNITS</b>	<b>17</b>

### SKILL CERTIFICATE IN COMPUTER NETWORK AND INFORMATION SYSTEM SECURITY

#### MAJOR CODE 0708.01

The curriculum is intended to help students develop skills to design, administer, and manage the heterogeneous corporate network and information system with security emphasis. The courses examine and illustrate network security with industry leading network operating systems. Individual courses will assist students in preparing for related industry certification exams.

REQUIRED COURSES	UNITS
CO SCI 980 Introduction to Computer and Information Security I	3
CO SCI 981 Administering Computer Networks and Security	3
CO SCI 983 Microsoft Networking Infrastructure Administration	3
CO SCI 984 Introduction to Windows Active Directory Services	3
CO SCI 985 Network and Information System Security	3
CO SCI 991 CISCO Router Laboratory	1
OR	
CO SCI 992 Computer A+ Hardware Laboratory	1
<b>TOTAL UNITS</b>	<b>16</b>

### SKILL CERTIFICATE IN WEBSITE SUPPORT AND ADMINISTRATION

#### MAJOR CODE 0709.05

The curriculum is intended to help students develop skills in designing, building, programming, populating with contents, branding, marketing, supporting, and managing websites. This program also provides students with the knowledge and skills to administer web site security and to manage client-server database.

REQUIRED COURSES	UNITS
CO SCI 933 Database Design and Programming	3
CO SCI 957 Introduction to Web Page Design	3
OR	
CO SCI 952 Web Design Using Flash	3
CO SCI 958 Web Page Development Using HTML	3
CO SCI 962 Web Development with JAVA Script	4

### AND 3 UNITS FROM THE FOLLOWING:

CO SCI 953 Database Management Using Oracle	3
CO SCI 963 Web Application using Active Server Pages (ASP.net)	3
CO SCI 967 Introduction to Linux, Apache, MySQL, PHP	3
CO SCI 988 Microsoft SQL Server	3
<b>TOTAL UNITS</b>	<b>16</b>

## CRIMINAL JUSTICE

(SEE ADMINISTRATION OF JUSTICE)

## CUSTOMER SERVICE

(SEE BUSINESS)

## DENTAL HYGIENE

The dental hygienist, as a member of the dental health team, is qualified by education and license to provide primary care to patients for the maintenance of oral health and the prevention of oral disease. The hygienist removes deposits and stains from teeth, applies agents to help prevent tooth decay, prepares clinical tests and provides oral health instruction.

The Program in Dental Hygiene is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the Commission on Recognition of Post Secondary Accreditation, and by the United States Department of Education. Admission to the Dental Hygiene program is by special selection. The admission requirements are available from the Counseling Office or the Dental Hygiene Department.

Dental Hygiene classroom and laboratory facilities are located on campus at West Los Angeles College. The students provide dental hygiene services to patients at UCLA Dental Clinic, Veterans Hospital, Cedars-Sinai Hospital, Inglewood Children's Center and the UCLA Venice Clinic. Students also observe and participate in various specialty clinics at UCLA which include radiology, pedodontics, periodontics, oral surgery and hospital dentistry. For more information, call (310) 287-4464 or visit the Allied Health website at [www.wlac.edu/alliedhealth/](http://www.wlac.edu/alliedhealth/) or come to the Dental Hygiene office.

In the curriculum below, courses are planned in sequence. Satisfactory completion of all courses with a grade of "C" or better in a given semester is required before the student may continue to the next semester in Dental Hygiene. All required courses in each semester are co-requisites and prerequisites for the subsequent semester. Candidates for graduation must satisfactorily complete the Dental Hygiene Program according to the State of California Dental Practice Act guidelines for curriculum. Upon program completion, students are eligible to take the Dental Hygiene National Board Examination, the State Board Examination, and earn an Associate in Science Degree in Dental Hygiene.

*NOTE: Courses are open only to students accepted into the Dental Hygiene Program. Students must complete all Plan B General Education Requirements for an associate degree. The Health requirement is waived for students accepted into the hygiene program. See a counselor for your Plan B general education requirements.*

**PROGRAM ENTRANCE**

REQUIRED COURSES		29 UNITS
CHEM 60	Introduction to General Chemistry OR	5
CHEM 51	Fundamentals of Chemistry I	5
MICRO 20	General Microbiology	4
ANATOMY 1	Introduction to Human Anatomy	4
PHYSIOL 1	Introduction to Human Physiology	4
ENGLISH 101	College Reading and Composition I	3
PSYCH 1	General Psychology I	3
SOC 1	Introduction to Sociology	3
SPEECH 101	Oral Communication I	3
<b>TOTAL UNITS</b>		<b>29</b>

**ASSOCIATE OF SCIENCE DEGREE**

(ADMISSION BY SPECIAL SELECTION)

**MAJOR CODE 1240.20**

(61 UNITS, PLAN B)

**FIRST SEMESTER - FALL** **UNITS**

DEN HY 100	Principles of Clinical Dental Hygiene	2
DEN HY 101	Clinical Dental Hygiene	2
DEN HY 102	Radiology I - Introduction to Radiology	1
DEN HY 103	Radiology I - Laboratory	1
DEN HY 104	Dental Morphology	1
DEN HY 105	General Pathology	2
DEN HY 106	Anatomy of the Head and Neck	2
DEN HY 109	Infection Control in Dentistry	1
DEN HY 150	Preventive Dentistry	1

**SECOND SEMESTER - SPRING** **UNITS**

DEN HY 88	Dental Hygiene Developmental Clinic	1
DEN HY 108	Introduction to Periodontics	2
DEN HY 151	Clinical Dental Hygiene II	2
DEN HY 152	Special Patient Care	1
DEN HY 153	Radiology II - Interpretation	1
DEN HY 154	Oral Pathology	2
DEN HY 156	Histology & Embryology of Oral Tissues	2
DEN HY 207	Pain Control	2
DEN HY 256	Biochemical Nutrition	3

**SUMMER** **UNITS**

DEN HY 160	Clinical Dental Hygiene II B	2
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**THIRD SEMESTER - FALL** **UNITS**

DEN HY 155	Dental Materials	2
DEN HY 200	Cariology and Occlusion	1
DEN HY 201	Clinical Dental Hygiene III	4
DEN HY 203	Expanded Functions - Laboratory	1
DEN HY 204	Dental Health Education	1
DEN HY 205	Dental Health Education - Practicum	1
DEN HY 206	Periodontics	1
DEN HY 208	Pharmacology	3
DEN HY 88	Developmental Clinic	1

**FOURTH SEMESTER - SPRING** **UNITS**

DEN HY 210	Emergencies in Dental Practice	1
DEN HY 250	Advanced Periodontal Seminar	1
DEN HY 251	Clinical Dental Hygiene IV	6
DEN HY 252	Essentials of Dental Hygiene Practice	2
DEN HY 253	Community Dental Health	1
DEN HY 254	Community Dental Health - Practicum	1
DEN HY 88	Dental Hygiene Developmental Clinic	1
<b>TOTAL UNITS</b>		<b>61</b>

## ECONOMICS

The following curriculum is a general pattern for students wishing to transfer to a four-year institution as an Economics major. Careers in business, education, writing, and government are open to those with advanced work in this field.

Students who wish to obtain an associate degree in Economics may do so by completing the course requirements listed below plus all other WLAC requirements for an associate degree.

Transfer students should consult the Counseling Office for major preparation and general education requirements of the particular transfer institution of their choice.

**ASSOCIATE OF ARTS DEGREE**

**MAJOR CODE 2204.00**

(20 UNITS, PLAN A)

**REQUIRED COURSES** **UNITS**

ACCTG 1	Introductory Accounting I	5
ECON 1	Principles of Economics I	3
ECON 2	Principles of Economics II	3
MATH 227	Statistics	4
MATH 235	Finite Mathematics	5
<b>TOTAL UNITS</b>		<b>20</b>

**RECOMMENDED COURSES**

Social Science courses beyond the general education requirement; additional mathematics courses.