

COSM-261 Lab Or Clinic Supervision 8 cr.

The student instructor will learn independent clinic supervision, client communication, client communication/reception desk, inventory control, effective dispensary procedures, supervision of clinic sanitation/client safety and technical skills ability. Offered: Fall and Spring. Faculty Permission Required.

COSM-265 Barber Crossover 1 cr.

Designed for individuals who are licensed as cosmetologists and who wish to become licensed as barbers. This course covers related theory, anatomy, physiology, preparation, procedures and practice products, materials and implements, and beard trimming, shaving, honing and stropping. Offered: Fall and Spring. Faculty Permission Required.

COSM-270 Course Develop & Lesson Plans 4 cr.

Planning, analysis, implementation, outlines, components of an effective lesson plan and principles for preparing lesson plans are included in this course. Offered: Fall and Spring. Faculty Permission Required.

CULTURAL HERITAGE**CUHT-110 State and Local History Research 3 cr.**

This course examines the special methods and tools used in researching state and local history, including oral history; government, church, business, and other organizational records; primary documents; and material culture. Minimum grade required: C. Prerequisites: RDNG-113 Minimum grade required: C. Offered: Fall & Spring.

CUHT-120 Collections Management I 3 cr.

Instruction on managing objects in private and cultural collections, museums, archives, and historic buildings. Topics include proper handling, nomenclature, accessioning, deaccessioning, writing and adhering to collections policy, and ethics. Minimum grade required: C. Corequisites: CUHT-110. Offered: Fall & Spring.

CUHT-130 Interpretation Fundamentals 3 cr.

Examines exhibit and education functions with cultural collections and working with docents, fulfill interpretive responsibilities to specific audiences, and use media applications to interpret material culture. Minimum grade required: "C." Corequisites: CUHT-120. Offered: Fall & Spring.

CUHT-140 Collections Management II 3 cr.

Continuation of Collections Management I. Instruction in managing objects in cultural collections through software and databases, stabilization, storage, and digital documentation. Minimum grade required: "C." Corequisites: CUHT-130. Offered: Fall & Spring.

CUHT-150 Structural Preservation Fundamentals 3 cr.

Students will examine the structural components of historic buildings and archaeological sites, and gain a basic understanding of their preservation challenges. Minimum grade required: C. Corequisites: CUHT-140. Offered: Fall & Spring.

CUHT-200 Internship-Cooperative Education 1 cr.

Students will apply the skills and knowledge gained in previous CUHT courses. This course will be arranged between the student and a program-approved site. The student will submit a portfolio

in completion of course requirements. Minimum grade required: C. Prerequisites: TAKE CUHT-110, CUHT-120, CUHT-130, CUHT-140, and CUHT-150 or BADM-115. Offered: All.

DANCE**DANC-120 Beginning Ballet 2 cr.**

Introduction to basic ballet techniques with an emphasis on barre, center and across the floor movement. Meets Physical Education activity requirements for AA degree. Offered: Fall & Spring.

DANC-130 Beginning Jazz Dance I 2 cr.

An introduction to jazz technique with an emphasis on refining fundamental movements and developing style. Includes all levels of development from beginner to performer. Meets Physical Education activity requirements for AA degree. Offered: Fall & Spring.

DANC-160 Middle Eastern Dance 2 cr.

This course is designed to give students a basic foundation of belly dancing movement and rhythms as well as bringing into focus some of the history and wide variety of dances of the Middle East. In addition it will explore the development of Middle Eastern dance as adopted by dancers in the United States. Offered: Fall & Spring.

DANC-220 Intermediate Ballet 2 cr.

Continuation of beginning ballet at the intermediate level with emphasis on barre, center and across floor movement. Prerequisites: DANC-120 or approval of instructor. Minimum grade required: C. Offered: Fall & Spring.

DANC-230 Intermediate Jazz Dance I 2 cr.

A continuation of DANC 131 with an emphasis on jazz rhythms. May be repeated once. Prerequisites: DANC-131 or approval of instructor. Offered: Fall & Spring.

DANC-261 Intermediate Middle Eastern Dance 2 cr.

This course is a continuation of Middle Eastern Dance and is designed to give students a more advanced foundation for belly dance movement and rhythms as well as bringing into focus some of the history and wide variety of dances in the Middle East. In addition, it will explore the development of Middle Eastern Dance as adopted by dancers in the United States. Prerequisites: DANC-160 or get instructor approval. Offered: Fall & Spring.

DENTAL HYGIENE**DHYG-110 Head/Neck Anatomy 3 cr.**

A study of anatomy and physiology of the head and neck region with an emphasis on the oral cavity. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-112, 113, 114, 115, 217. Offered: Fall.

DHYG-112 Tooth Morphology 1 cr.

The study of the anatomy of human teeth, exfoliation and occlusion. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-110, 113, 114, 115, 217. Offered: Fall.

DHYG-113 Preclinical Dental Seminar 3 cr.

Introductory knowledge, skills and attitudes to function in the clinical setting and be able to continue in clinical dental

hygiene courses. Emphasis is placed on scientific principles and current theory, prevention of disease transmission, ethical and professional treatment of patients, clinical preparation and comprehensive care of the patient. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-110, 112, 114, 115, 217. Offered: Fall.

DHYG-114 Preclinical Dental Hygiene 2 cr.

Clinical application of basic theories and procedures used in dental hygiene practice. The emphasis is on the techniques of instrumentation used in performing diagnostic, preventive and therapeutic services utilized in providing comprehensive patient care. The dental hygiene student will have an opportunity to practice techniques on manikins and student partners in the clinic. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-110, 112, 113, 115, 217. Offered: Fall.

DHYG-115 Oral Histology & Embryology 2 cr.

Introduction to general histology and embryology with emphasis on the microscopic structures of enamel, dentin, pulp, cementum, periodontal ligament, bone, oral mucosa, epithelial attachment and orofacial structures. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-110, 112, 113, 114, 217. Offered: Fall.

DHYG-217 Dental Radiography 3 cr.

A study of radiation physics, hygiene and safety theories. Emphasis on the fundamentals of oral radiographic techniques and interpretation of radiographs. Includes exposure of intra-oral radiographs, quality assurance, radiographic interpretation, patient selection criteria and other ancillary radiographic techniques. Prerequisites: Admissions into the Dental Hygiene Program. Corequisites: DHYG-110, 112, 113, 114, 115. Offered: Fall.

DHYG-221 Dental Biomaterials 3 cr.

A study of the composition, chemical and physical properties, manipulation and uses of dental materials. Laboratory experiences include the manipulation and application of materials used in dentistry. Prerequisites: DHYG 222, 223, 224, 227, 231. Corequisites: DHYG-225. Offered: Summer.

DHYG-222 Medical Emergencies 2 cr.

A study of life-threatening emergencies which occur in the Dental Office and the prevention, preparation and management of these emergencies. This course is primarily designed for the Health Care Provider and covers emergencies commonly encountered in the dental setting. Prerequisites: DHYG-110, 112, 113, 114, 115, 217. Corequisites: DHYG-223, 224, 227, 231. Offered: Spring.

DHYG-223 Clinical Dental Hygiene Seminar I 2 cr.

Continuing development of a theoretical framework of dental hygiene treatment with advancement of dental hygiene proficiency in all areas of dental hygiene treatment. Presentation and discussion of case histories from patients and preventive measures employed against disease concurrent with clinical practice with emphasis on special needs patients. Prerequisites: DHYG-110, 112, 113, 114, 115, 217. Corequisites: DHYG 222,224, 227, 231. Offered: Spring.

DHYG-224 Clinical Dental Hygiene I 3 cr.

Introduction to the clinic and patient clinical skills, patient assessment, treatment and appointment scheduling, preventive techniques and application of dental hygiene procedures in the clinical setting. Practical experience is simultaneously related to theory. Direct supervision is provided by the clinical faculty. Prerequisites: DHYG-110, 112, 113, 114, 115, 217 Corequisites: DHYG 222, 223, 227, 231. Offered: Spring.

DHYG-225 Clinical Dental Hygiene Seminar II 1 cr.

A continuation of clinical skills, patient assessment, treatment, scheduling, preventive techniques and application of dental hygiene procedures at the intermediate level. Work-based instruction that helps students synthesize new knowledge, apply previous knowledge or gain experience managing the workflow. Practical experience is simultaneously related to theory. Direct supervision is provided by the clinical faculty. Prerequisites: DHYG 222, 223, 224, 227, 231. Corequisites: DHYG-221. Offered: Summer.

DHYG-227 General and Oral Pathology 3 cr.

An introduction to general and oral pathology with an emphasis on diseases affecting the oral region, including the principles of inflammation and healing; developmental disturbances; the pathology of dental caries; dental and oral abnormalities; bacterial, viral and mycotic diseases; oral injuries and neoplasms. Premalignant lesions and their differences from common benign conditions are emphasized. Prerequisites: DHYG-110, 112, 113, 114, 115, 217. Corequisites: DHYG-222, 223, 224, 231. Offered: Spring.

DHYG-229 Pharmacology 3 cr.

A study of the pharmacological aspects of drugs and drug groups with which the dentist and dental hygienist are directly and indirectly concerned. Emphasis is placed on nomenclature, origin, physical and chemical properties, modes of administration, interactions and effects upon the body systems. Prerequisites: DHYG-221,225. Corequisites: DHYG-233, 234, 235, 237 Offered: Fall.

DHYG-231 Periodontology 3 cr.

A study of the normal and diseased periodontium to include the structural, functional and environmental factors. Emphasis on etiology, pathology, treatment modalities and therapeutic and preventive periodontics in a contemporary private practice setting. Prerequisites: DHYG-110, 112, 113, 114, 115, 217. Corequisites: DHYG 222, 223, 224, 227. Offered: Spring.

DHYG-233 Clinical Dental Hygiene Seminar III 2 cr.

Continuing development of a theoretical framework of dental hygiene treatment with advancement of dental hygiene proficiency in all areas of dental hygiene treatment. Presentation and discussion of case histories from patients and preventive measures employed against disease concurrent with clinical practice with emphasis on special needs patients. Prerequisites: DHYG-221, 225. Corequisites: DHYG-229, 234, 235, 237. Offered: Fall.

DHYG-234 Clinical Dental Hygiene III 3 cr.

A continuation of clinical skills, patient assessments, treatment and appointment scheduling, preventive techniques and application

of dental hygiene procedures at the intermediate to advanced level. Work-based instruction that helps students synthesize new knowledge, apply previous knowledge or gain experience managing the workflow. Practical experience is simultaneously related to theory. Direct supervision is provided by the clinical faculty. Prerequisites: DHYG-221, 225. Corequisites: DHYG-229, 233, 235, 237. Offered: Fall.

DHYG-235 Dental Public Health 3 cr.
Study of the principles and concepts of community public health and dental health education with an emphasis on community assessment, educational planning, implementation and evaluation. Introduction to statistical, scientific review of literature. Laboratory emphasizes methods and materials used in teaching dental health education in various community environments. Prerequisites: DHYG-221, 225. Corequisites: DHYG-229, 233, 234, 237. Offered: Fall.

DHYG-237 Anesthesia and Pain Control 2 cr.
A study of the application of various physical, chemical and psychological modalities to the prevention and treatment of pre-operative and post-operative patient anxiety and pain. Emphasis is placed on dental hygiene administration of local anesthesia and the monitoring of nitrous oxide. Prerequisites: DHYG-221, 225. Corequisites: DHYG-229, 233, 234, 235. Offered: Fall.

DHYG-243 Clinical Dental Hygiene Seminar IV 2 cr.
A continuation of information to prepare the student for advanced clinical practice. Provides an in-depth study of dental hygiene care for diverse patient populations and provides a forum for evaluation of the service project from Dental Public Health, and synthesis of all dental hygiene knowledge, skills and attitudes into a case presentation. Prerequisites: DHYG-229, 233, 234, 235, 237. Corequisites: DHYG-244, 245, 247. Offered: Spring.

DHYG-244 Clinical Dental Hygiene IV 3 cr.
The clinical sessions combine both basic and advanced dental hygiene skills with time management techniques essential for private practice. Comprehensive patient care to include assessment, dental hygiene diagnosis, treatment planning, implementation and evaluation of dental hygiene care, nonsurgical periodontal therapy, adjunct clinical procedures, ultrasonic instrumentation, patient management, sealants and comprehensive programs for control of dental diseases will be emphasized. Practical experience is simultaneously related to theory. Course consists of faculty supervised patient treatment in the clinic. Prerequisites: DHYG-229, 233, 234, 235, 237. Corequisites: DHYG-243, 245, 247. Offered: Spring.

DHYG-245 Principles of Practice 2 cr.
Examination of the dental hygienists role in practice settings including dental office management, employment considerations in both traditional and non-traditional settings, the future role of the dental hygienist, resume preparation and job interviewing. Emphasis on the laws governing the practice of dentistry and dental hygiene in New Mexico and the ethical standards established by the dental hygiene profession. Prerequisites: DHYG-229, 233, 234, 235, 237. Corequisites: DHYG-243, 244, 245. Offered: Spring.

DHYG-247 Practicum 2 cr.
The practicum provides the student the opportunity to apply the theory of dental hygiene practice and supervised clinical experience to a practical setting. Prerequisites: DHYG-229, 233, 234, 235, 237. Corequisites: DHYG-243, 244, 245. Offered: Spring.

DIESEL MECHANICS

DIME-110 Diesel Engine Overhaul 9 cr.
Study of the diesel fueled internal combustion engine. Complete disassembly and reassembly, final tune-up, diagnosis of system malfunction, and basic failure analysis. Safety will be strictly enforced. Corequisites: DIME-111. Offered: Fall.

DIME-111 Fuel Systems 5 cr.
Theory and operation of various fuel injection systems on diesel powered equipment. Safety will be strictly enforced. Corequisites: DIME-110. Offered: Fall.

DIME-115 Electrical 4 cr.
Basic fundamentals of electrical theory, magnetism, current flow, Ohms Law, series, parallel, and series parallel circuit calculations. Safety will be strictly enforced. Offered: Fall.

DIME-118 Preventative Maintenance & Inspection 6 cr.
An introduction to vehicle/equipment inspection practices, preventative maintenance scheduling, pre-and post-repair inspections, and record keeping. Safety will be strictly enforced. Offered: Fall.

DIME-123 Brakes 5 cr.
Theory and operation of air brake systems, hydraulic brake systems, retarders, and foundation brake components. Safety will be strictly enforced. Corequisites: DIME-230, DIME-124. Offered: Spring.

DIME-124 Drivetrains 4 cr.
Theory and operation of clutches, manual transmissions, drivelines, differentials and final drive components. Safety will be strictly enforced. Corequisites: DIME-230, DIME-123. Offered: Spring.

DIME-125 Steering 5 cr.
Steering component diagnosis and repair to include wheel alignment, wheel end components, and 5th wheels. Safety will be strictly enforced. Corequisites: DIME-126. Offered: Fall.

DIME-126 Suspensions 4 cr.
Theory and operation of various suspension systems on medium and heavy-duty trucks. Safety will be strictly enforced. Corequisites: DIME-125. Offered: Fall.

DIME-129 Drivability 5 cr.
Vehicle/equipment electronic management and emissions systems. Will incorporate the use of electronic service tools, software programs, on-board diagnostics, multiplexing, and diesel emission after treatment. Safety will be strictly enforced. Prerequisites: AUTE-113 or DIME-115. Corequisites: DIME-213. Offered: Spring.

DIME-137 Fluid Power 4 cr.
Liquids and their ability to accomplish work. Hydrodynamic, hydrostatic, and computer controlled hydraulic systems will be