

Preventive and Community Dentistry Courses (PCD)

PCD Courses

This is a list of courses with the subject code PCD. For more information, see Preventive and Community Dentistry (College of Dentistry) in the catalog.

PCD:8115 Clinical Practice and Professionalism I 1 s.h.

Preparation to deliver team-based interprofessional care through authentic lectures and group activities that reinforce interprofessional education (IPE) concepts by providing relevant and applicable health care experience; concepts and skills related to interprofessional education, team-based health care, interprofessional networking, ethics and professionalism, and person-centered care.

PCD:8116 Fundamentals of Preventive Dentistry 1 s.h.

Identification of health and disease in the mouth through self-assessment, nutritional self-assessment, practical methods of disease control, primary preventive dentistry methods and materials, and philosophy of preventive dentistry.

PCD:8117 Cariology and Preventive Therapies 2 s.h.

Principles of research design; introduction to microbiology and immunology; principles of oral microbiology with an emphasis on plaque development; microbiology of caries; coronal and root caries disease processes; dental caries epidemiology; roles of saliva and diet in dental health and disease; radiographic interpretation and clinical diagnosis; dental fluorosis; preventive dentistry treatment planning. Prerequisites: PCD:8116.

PCD:8118 Preventive Dentistry Assessment and Patient Care 4 s.h.

Patient oral assessment; charting sulcus depth, recession and hard tissues; progress notes, and entries in electronic patient record; preventive dentistry, caries, and periodontal risk assessment; oral hygiene instruction for collegiate recall patients; instrumentation for detection and removal of calculus deposits; practice with patient management skills and ergonomics. Prerequisites: PCD:8116 and PCD:8117.

PCD:8119 Clinical Practice and Professionalism II 1 s.h.

Introduction to patient-centered care, interpersonal and professional communication with patient, information exchange, and preventive treatment plan formulation in patient encounters.

PCD:8120 Introduction to Evidence-Based Dentistry I 1 s.h.

Fundamental concepts needed to critique clinical research articles and health-related websites.

PCD:8121 Introduction to Evidence-Based Dentistry II 1 s.h.

Application of concepts needed to critique scientific literature.

PCD:8218 Critical Thinking and Evidence-Based Dentistry in Treatment Planning 1 s.h.

Continuation of PCD:8120; evidence-based dentistry, critical thinking and treatment planning sessions; online and small group sessions. Prerequisites: PCD:8120.

PCD:8219 Clinical Practice and Professionalism III 1 s.h.

Continuation of PCD:8119; assessing patient understanding of practices for improving/maintaining oral health; overview of patient challenges to effective communication; application of behavioral science principles in dentistry and behavior theories. Prerequisites: PCD:8119.

PCD:8245 Clinical Preventive Dentistry 0,2 s.h.

Experience providing complete prophylaxis and preventive services for college patients; application of nutrition principles and communication skills in a clinic setting. Prerequisites: PCD:8118.

PCD:8319 Clinical Practice and Professionalism IV 1 s.h.

Continuation of PCD:8219; standardized patient exercises with chairside feedback and evaluation of communication skills; reflection regarding application of communication skills and behavioral science principles in patient encounters.

PCD:8355 Introduction to Geriatric Dentistry 2 s.h.

Biological, psychological, and social aspects of aging; normal aging and disease processes associated with aging; pathological changes that affect oral health treatment of dental diseases and patient management. Requirements: DDS enrollment or completion of dental hygiene program.

PCD:8360 The Practice of Dentistry in the Community I 1-2 s.h.

Issues related to role of dental professional at local and state levels; students build skills and knowledge in development of a community outreach dental program.

PCD:8361 The Practice of Dentistry in the Community II 1-2 s.h.

Factors that affect the practice of dentistry and the dental profession including health care systems in the U.S. and abroad, Medicaid/Medicare, health/dental insurance, health care delivery systems, malpractice, role of the Iowa Dental Board, dental workforce, and quality of care.

PCD:8489 Geriatrics and Special Needs Program arr.

Experience in the Delta Dental of Iowa Geriatric and Special Needs Clinic and the Geriatric Mobile Dental Unit providing comprehensive care for medically, physically, intellectually, and/or cognitively compromised adults, functionally dependent elderly nursing home residents with portable dental equipment, and other underserved populations.

PCD:8494 Extramural Rotation in Oral Health 5 s.h.

Dental care for underserved populations; community experiences in a variety of settings including hospital-based clinics, federally qualified health centers, community health centers, and private practices.

PCD:8500 Dental Student Research Honors Program arr.

Experience in conducting research. Requirements: DDS enrollment and approval of mentor and program director.