

AHD DIVISION
☐ NEW COURSE
☒ REVISION

Course Information Form

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
Principles of Community Health and Dental Health	6	<p><i>The student will be able to:</i></p> <p>Identify target populations and needs. Compare public health practice to clinical practice. Define functions of various governmental levels- federal and state legislation affecting dental hygiene practice. Explain dental care delivery in the US and global community. Describe financing of dental care.</p>
Community Dental Health Program Development and Evaluation	9	<p>Describe the community dental health process of needs assessment, diagnosis, planning, implementation, and evaluation. Establish goals and specific measurable objectives for a community health project.</p>

Research Approaches and Principles	3	Identify different research approaches. Describe concepts of experimental research.
Epidemiology	2	Define epidemiological concepts and terms. Describe the current oral epidemiological findings.
Biostatistics	2	Define and describe data analysis and interpretation. Identify data by their type and scale of measurement Define and describe descriptive, correlation, and inferential statistics Select and compute appropriate measures of central tendency and measures of dispersion for various types of data.
Evaluation of Scientific Literature	2	Effectively critique dental research reported in dental and lay publications. Define the parts of a research article.
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COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Define vocabulary/terminology words as it applies to community dental health. (1,2, 3, 4, 5)
	Assess for and plan a community dental health project. (1, 2, 3, 4, 5)
	Identify basic biostatistical methods used in epidemiology and research. (1, 3, 4, 5)
	Compare and contrast the roles of a dental hygienist in private practice and in public health. (1, 2, 3, 5)
	Effectively critique dental research articles in dental publications and in sources linked on social media and/or on search engines. (1, 2, 3, 4, 5)

* Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.