

**LAST REVIEW: 2010 - 2011**

**NEXT REVIEW: 2015 - 2016**

**STATUS: A**

**COURSE TITLE: COMMUNITY DENTAL HEALTH LABORATORY**

**COMMON COURSE NUMBER: DEH 2701L**

**CREDIT HOURS: 1**

**CONTACT HOUR BREAKDOWN**

*(per 16 week term)*

**CLOCK HOURS: n/a**

**Lecture: 0**

**Lab: 2**

**Clinic: 0**

**Other: N/A**

**PREREQUISITE(S): DEH 1130, DES 1050**

**COREQUISITE(S): DEH 2701, DEH 2804L, DEH 2806, DEH 2806L**

**PRE/COREQUISITE(S): n/a**

**COURSE DESCRIPTION** This course is the follow through for DEH 2701. The students will apply community health principles by designing and presenting dental health education principles to various community audiences.

### **UNIT TITLES**

- 1. Planning A Community Program: Assessment**
- 2. Formulation of Community Outreach Plan**
- 3. Dental Research Article Critique**
- 4. Community Experience Log**

**EVALUATION:**

**GRADING:** Grades will be determined by the following:

Community Plan	- 30%
Article Critiques	- 05%
Experience Log	- 25%
Presentation	- 20%
Participation	- 20%

The student's letter grade for this course will be determined by the departmental percentage scale:

92 - 100 = A
83 - 91 = B
75 - 82 = C
66 - 74 = D

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F

A final grade of "C" or higher must be achieved in all Dental Hygiene courses for continuance in the Program.

1. Community Plan: requires assessment of target population, planning the program, implementing the program and evaluating the success of the program. This will be done in a minimum of three visits. A written plan will be submitted at the end of this course.
2. Article Critique: The student will submit three (3) two type written page critiques of approved published research articles. Format will include 1" margins, double spaced and 11 font size. See Literature Review Sheet and Unit III for content.
3. Experience Log: The student will provide written documentation of individual experiences regarding the community project. The log will include all notes on group meetings for program planning, experiences encountered with each visit to the community site, how the plan is developed, activities, dates and times of visits, and all pertinent information regarding the student's learning experience.
4. Class presentation: Each group will give a 20 minute presentation on their community program. Include information about the facility, target population assessment information, the program plan, and all outcomes. The student will incorporate visual aids as appropriate to the presentation.
5. Participation: See attendance policy for this course.

A final grade of "C" or higher must be achieved in all Dental Hygiene courses for continuance in the Program.

All graded examinations and projects will be retained by the Dental Hygiene Department for the purpose of maintaining the student's academic records. The student may have access to his/her file upon request. An appointment may be necessary to do so.

The class project will be the construction of a community program based on information to be given to the student on the first day of class. Two assignments will include a critique of a dental research article that is chosen by the student and completing assigned statistics problems which will be given in class.

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**UNITS**

**Unit 1 Planning A Community Program: Assessment**

**General Outcome:**

- 1.0 **The student shall:** be able to apply assessment techniques to the design of a community program.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 1.1 Design an assessment instrument for an assigned target population.  
The survey will be designed to obtain information on the following:
- a. number of individuals in the target group
  - b. ethnic backgrounds
  - c. standard of living/ type of housing
  - d. education level / level of understanding
  - e. age group
  - f. medical history
  - g. mental health status
  - h. dental history
  - i. current dental status/needs
  - j. home care regimen
  - k. physical limitations
  - l. caregiver role in providing home care
  - m. individual needs
- 1.2 Visit facility to collect assessment data from the patient, caregiver, parent or contact person by completion of the survey and observation.
- 1.3 Interview the target population to understand their needs and capabilities.

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**Unit 2 Formulation of Community Outreach Plan**

**General Outcome:**

- 2.0 The student shall:** be able to develop an effective educational program for a targeted special needs group.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 2.1 Assessment survey data is compiled, analyzed and organized.
- 2.2 Utilizing the assessment results formulate a program plan.
- 2.3 The program plan will include the following information:
  - a. topics for discussion/ lesson plan
  - b. visual aids and other materials
  - c. goals and objectives  
objectives will include:  
what, extent, who, where, when
  - d. identify possible constraints/alternative plan if needed
  - e. activities
- 2.4 Implement the community program.
- 2.5 Design a program evaluation and a self evaluation.

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### **Unit 3 Dental Research Article Critique**

#### **General Outcome:**

3.0 **The student shall:** be able to read and evaluate dental research materials, as it applies to community dentistry.

#### **Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 3.1 Describe types of research studies.
- 3.2 Determine whether descriptive, analytical, or experimental epidemiology is the basis of the article for critique.
- 3.3 Discuss evidence based values as related to research studies.
- 3.4 Write three critiques of dental research articles. The articles must be approved by the instructor. Each critique will include:
  - a. Title/Author
  - b. Journal or source of publication
  - c. Date of article
  - d. Summarize the abstract and provide key terms
  - e. State the hypothesis
  - f. State sampling strategy, measurement strategy, experimental design, statistical analytic procedures
  - g. References

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#### **Unit 4 Community Experience Log**

##### **General Outcome:**

- 4.0 **The student shall:** be able to keep a written journal of all planning, preparation, experiences, personal goals and outcomes regarding specific community rotations

##### **Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 4.1 Each student will be assigned to visit two community facilities. Students will complete three 1.5 hour visits to each facility. Each student will keep a written log for Community Dental Health Lab. Documentation will include:
- a. time spent on assessment, program plan, implantation, and evaluation; list each member in your community group
  - b. record the date and length of each visit ( minimum of 1.5 hrs)
  - c. name of the facility
  - d. contact person
  - e. specific preparation for visit
  - f. what your target group learned from your visit
  - g. what you gained / learned personally from the experience