

**West Los Angeles College
Allied Health Division
Dental Hygiene**

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| I. | DH 260: Research Design and Methodology Section: 7062 |
| II. | Prepared by: Dental Hygiene Faculty |
| III. | Revised for: Spring 2015 |
| IV. | Prerequisites: Completion of all attempted Dental Hygiene courses with a final grade of C or better. |
| V. | Units and Hours: 1 unit, 18 hours of instruction Class meets: Monday 8:00am to 8:55am |
| VI. | Course Instructor: Ara Aguiar, RDH, MBA Email: aguiara@wlaac.edu Office phone: 310 287-4238 Cell phone: 310 733-9871 Office hours: Monday 7:40 am or Wednesday 8:00am or by appointment |
| VII. | Course Description: Dental health education is designed to introduce the dental hygiene student to the role of dental health education as it relates to evidence-based decision making in clinical and the community settings. This course will also introduce the application of epidemiological methods and basic statistical concepts necessary for evaluation of the dental literature. |
| VIII. | Required texts: Nathe, Dental Public Health & Research, 3 rd edition, Pearson, ISBN 0135142059 Forrest, Evidence-Based Decision Making, Lippincott Williams & Wilkins, ISBN 9780781765336 |

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| IX | Course Student Learning Outcomes | | |
| | Course SLO | Assessment Method | Criterion Level |
| | 1. Understand the dental hygienist's role in dental health education as it relates to evidence-based decision making in clinical and community settings. | Students will complete weekly assignments that will be evaluated by the instructor using an answer key. | At least 80% of students will achieve an average score of 75% or better on assignments. |
| | 2. Apply epidemiological methods and basic statistical concepts necessary for the evaluation of the dental literature. | Students will submit either a table clinic, a research presentation or published article that will be evaluated by the instructor using a grading rubric. | At least 80% of students will complete all components of the related grading rubric at an average score of 75%. |

| Course SLO | Program SLO | | | | | | | | | | | | Institutional SLO | | | | | | | | |
|-------------------|--------------------|---|---|---|---|---|---|---|---|----|----|----|--------------------------|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | A | B | C | D | E | F | G | H | I |
| #1 | X | | | | | | | | | | | | X | | | | | | | | |
| #2 | X | X | X | X | | | | X | | | | X | X | X | X | | | | | | |

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| X. | Methods of Evaluation: |
| | 1. Assignments 40% of grade. Students will submit assignments by due dates. A draft of the table clinic, research project, or article in an outline or poster format. Presentation format must follow CDHA and ADHA guidelines for poster presentations. |
| | 2. Final Research Project 60% of grade. Final project may be individual or group. Projects will be graded comprehensively. All group members will be included in the evaluation process. |
| | A minimum of 70% is required to pass this course. A minimum of a C grade is required to continue in the Dental Hygiene Program and earn an Associate Degree in Dental Hygiene at West Los Angeles College. |

| Meeting Session | Topic | Assignments |
|------------------------|--|--|
| 1. | Course Introduction Project Description Outline Development | Review CDHA and ADHA research presentation guidelines |
| 2. | Topic and research ideas | Group discussion |
| 3. | Application Deadlines for CDHA and ADHA | Generate applications and submit for faculty approval and evaluation prior to deadline March 24, 2014. |
| 4. | Evaluate table clinic samples | Discuss and evaluate pros and cons of table clinic samples. |
| 5. | Presentation style | Set goals, assign responsibilities, timeline for development. Submit a draft of timeline. |
| 6. | Progress check. | Power point, draft board. Abstract draft approved. |
| 7. | Table Clinic or Poster Presentation | Outline, further expansion with bullet points, content development. |
| 8. | Construction of project | Modifications, content development, speech development. |
| 9. | Abstract submission | Finalize and submit application. |
| 10. | Table clinic presentation – practice | Practice by group 1, 2 and 3 |
| 11. | Table clinic presentation – practice | Practice by group 4, 5, 6 |
| 12. | Table clinic presentations to department faculty | All groups |
| 13. | Table clinic competition/college poster session | All groups |
| 14. | Table Clinic competition at CDHA | Selected groups (3 minimum, 5 maximum) |
| 15. | Evaluation, portfolio and discussion of process | Submit brochures and table clinics. |
| | Important dates and Reference sites: CDHA www.cdha.org/sadha ADHA www.adha.org/student-awards deadline March 2015 CDHA May 16, 2014 Anaheim, CA – Deadline April 2015 WLAC Poster Show Case: TBA tentative May, 2015 ADHA table clinic session: June 2015, Nashville | |