

## Master Syllabus

### DEH 2504 - Dental Hygiene Research

**Division:** Health Sciences

**Department:** Dental Health Sciences

**Credit Hour Total:** 2.0

**Lecture Hrs:** 2.0

**Other Prerequisite(s):** Restricted to Majors

**Date Revised:** June 2015

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### Course Description:

Overview of statistical terminology needed to evaluate research literature and prepare and present dental hygiene research papers.

### General Education Outcomes:

- ▣ Computer Literacy Competency
- ▣ Information Literacy Competency
- ▣ Oral Communication Competency
- ▣ Critical Thinking/Problem Solving Competency

### Course Outcomes:

#### Data sources

Locate and demonstrate use of data sources.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Achieve 70% or better

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Achieve 70% or better on Data Source Assignment

#### Report writing

Write a research paper.

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Achieve 70% or better on research paper

#### Oral communication

Present data and information designed for an audience of peers and health professionals.

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Achieve 70% or better on poster presentation

#### Statistics

Define fundamental statistical terms and concepts.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Achieve 70% or better

#### Research designs

Describe common research designs.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Achieve 70% or better

#### Evaluating research

Evaluate research articles.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Achieve 70% or better

#### Ethical use of information

Demonstrate ethical and professional use of information.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

Achieve 70% or better

**Outline:**

Statistics

Research designs

Evaluating research

Ethical use of information

Data sources

Report writing

Oral presentation