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Dental Hygiene (DNLT) 4075 Capstone Course: Teaching in Dental Hygiene Programs

Prerequisite: Admission to the Dental Hygiene completion program and credit for DNLT 3075 and completion go UDGE 4035 Education, Psychology and Adult Learning.

Hours and Units Calculations:

48 hours lecture. 96 Outside of class hours. (144 Total Student Learning Hours) 3 Units

Catalog Description: This course is designed to provide Dental Hygienists' the foundations and resources necessary to become effective educators in dental health care as faculty members. Emphasis on development of capstone project proposal and implementation, including project description, assessment tools, project goals and objective and activities.

Type of Class/Course: Degree Credit

Textbooks:

Additional Required Materials: N/A

Course Objectives:

By the end of the course, a successful student will be able to:

1. Recall various learning and developmental theories
2. Identify barriers to student learning and devise strategies to mitigate them
3. Discuss and produce appropriate learning objectives
4. Describe and apply basic concepts of curriculum design for hygiene programs
5. Discuss proper syllabus design and produce an appropriate syllabus
6. Summarize effective evaluation tools and create them following guidelines

Course Scope and Content:

- Unit I Capstone project
- A. Elements of a capstone project
 - a. topic selection
 - b. review literature
 - c. conduct research
 - d. collect and analyze results
 - e. create final project
 - f. communicate results
 - B. Goals of a capstone project
 - a. motivation and engagement

- b. educational and career goals
- c. confidence
- d. learning and proficiency
- C. Skill development
 - a. critical thinking and problem solving
 - b. oral communication and public speaking
 - c. research
 - d. teamwork and collaboration
 - e. project planning
 - f. goal development

- Unit II Instructional goals
- A. Description of goals
 - a. learning outcomes
 - B. Framework for developing objectives

- Unit III Instructional objectives
- A. Description of objectives
 - a. Relationship to goals
 - b. Focus on future behaviors
 - B. SMART process of writing objectives
 - a. Specific
 - b. Measurable
 - c. Achievable
 - d. Relevant
 - e. Time specific

- Unit IV Effective Teaching Strategies
- A. Lesson plans
 - B. Activities
 - C. Evaluation methods
 - a. Summative
 - b. Formative
 - D. Communication strategies
 - E. Organization
 - F. Levels of interventions
 - a. Individual
 - b. Interpersonal
 - c. Organization
 - d. Environmental

- Unit V Teaching Philosophy
- A. Description
 - B. Creation of personal teaching philosophy

- Unit VI Curriculum:
- A. Needs Assessment
 - a. Creating a program
 - B. Syllabus

a. Course Objectives and accreditation

Unit VII Rubrics and Calibration
 A. Description and types
 B. Creation of rubrics

Unit VIII Realities of Profession
 A. Jobs
 a. Interview skills
 B. Tenure
 C. Liability

Unit IV Portfolio Presentations
 A. What to include
 B. How to present

Learning Activities Required Outside of Class

The students in the class will spend a minimum of 6 hours per week outside of the regular class time doing the following:

1. Read from relevant textbooks, peer-reviewed journals, and current periodicals, approximately 50-100 pages per week
2. Assembly of Portfolio
3. Writing Lesson plan assignments.

Methods of Instruction

1. Lecture
2. Discussion
3. Cooperative learning exercises
4. Individual and collaborative activities
5. Research and writing assignments

Methods of Evaluation

1. Weekly participation in Discussions
2. Written assignments
3. Portfolio Presentation
4. Reflective Journaling

Supplemental Data:

TOP Code:	124020: Dental Hygienist
SAM Priority Code:	B: Advanced Occupational

Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable (funds not used)
Program Status:	1: Program Applicable
Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable
Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	NO
Taft College General Education:	NONE
Discipline:	Dental Technology or Education