

Detailed Assessment Report 2008-2009 Dental Hygiene

Mission/Purpose

The purpose of the Dental Department of Fayetteville Technical Community College is to establish and maintain quality staff, faculty, and facilities necessary to educate and train competent dental assistants and hygienists to serve the oral health care needs of the citizens of our state, while achieving the educational goals of our students.

Student Learning Outcomes, with Any Associations and Related Measures, Achievement Targets, Findings, and Action Plans

O 1: Develop treatment plan

Students will use information to analyze problems and make logical decisions while developing a comprehensive dental hygiene treatment plan.

Associations:

Standards

CODA- Dental Hygiene

2.17.1 Assessment- The systematic collection and analysis of the following data to identify patient needs and oral health problems.

2.17.2 Planning- The establishment of realistic goals and treatment strategies to facilitate optimal oral health.

6.2.2 An ongoing review of a representative sample of patients and patient records to assess the appropriateness, necessity and quality of the care provided

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6.2.3 mechanisms to determine the cause of treatment deficiencies

2.17.3 Implementation- Provision of treatment as identified in the assessment and planning phase.

5.3 Emergency Management- The program must establish, enforce, and instruct students in preclinical/ clinical/laboratory protocols and mechanisms to ensure the management of emergencies. These protocols must be provided to all students, faculty and appropriate staff. Faculty, staff and students must be prepared to assist with the management of emergencies.

6.2.4 patient review policies, procedure, outcomes and corrective measures

2.17.4 Evaluation- Measurement of the extent to which goals identified in the treatment plan were achieved.

2.17.5 Documentation- The complete and accurate recording of the patient's information and interactions, assessment data, treatment and treatment outcomes.

2.9 General education content must include oral and written communications, psychology, and sociology.

2.13 The basic clinical education aspect of the curriculum must include a formal course sequence in scientific principles of dental hygiene practice, which extends throughout the curriculum and is coordinated and integrated with clinical experience in providing dental hygiene services.

2.16 Patient Care Competencies- Graduates must be competent in providing dental hygiene care for the child, adolescent, adult and geriatric patient. Graduates must be competent in assessing the treatment needs of patients with special needs.

2.18 Graduates must be competent in providing dental hygiene care for all types of classifications of periodontal disease including patients who exhibit moderate to severe periodontal disease.

2.19 Graduates must be competent in interpersonal and communication skills to effectively interact with diverse population groups.

2.20 Graduates must be competent in assessing, planning, implementing and evaluating community-based oral health programs including, health promotion and disease prevention activities.

2.22 Graduates must be competent in applying ethical, legal and regulatory concepts to the provision and/or support of oral health care services.

2.25 Graduates must be competent in problem solving strategies related to comprehensive patient care and management of patients.

General Education or Core Curriculum:

2 Use critical thinking to analyze problems and make logical decisions.

Institutional Priorities:

2 EDUCATIONAL PROGRAMS-To provide a comprehensive educational program committed to quality...

Strategic Plans:

Curriculum Programs- Gen Ed Competencies

2.1.1 Promote active learning to serve students from diverse populations.
(Ongoing) NOTE: Click the link, Strategic Plan, for additional objectives and activities for Curriculum Programs 2.1.1.

2.9.3 Co-Op/Clinical Learning Experiences –Reviewing Textbook and required course materials

Related Measures:

M 1: Treatment plan in DEN 231

An attending clinical instructor and/or dentist will evaluate the student during each patient clinical encounter to determine process and product competency regarding treatment planning. Utilizing data recorded on the daily clinical grade sheets, the clinical coordinator will calculate and analyze the cumulative spring semester results.

Source of Evidence: Written assignment(s), usually scored by a rubric

Document:

[Treatment Plan Checklist](#)

Achievement Target:

80% of students will accurately prepare and present a dental hygiene treatment plan, reflected in the grading rubric, in DEN 231 Dental Hygiene Clinic IV.

O 2: Technical skills for procedures

Perform technical skills required in the profession of dental hygiene while performing routine and advanced dental hygiene procedures.

Associations:

Standards

CODA- Dental Hygiene

6.2.1.2 An ongoing review of a representative sample of patients and patient records to assess the appropriateness, necessity and quality of the care provided

2.17.3 Implementation- Provision of treatment as identified in the assessment and planning phase.

5.3 Emergency Management- The program must establish, enforce, and instruct students in preclinical/ clinical/laboratory protocols and mechanisms to ensure the management of emergencies. These protocols must be provided to all students, faculty and appropriate staff. Faculty, staff and students must be prepared to assist with the management of emergencies.

2.17.4 Evaluation- Measurement of the extent to which goals identified in the treatment plan were achieved.

2.17.5 Documentation- The complete and accurate recording of the patient's information and interactions, assessment data, treatment and treatment outcomes.

2.12 Dental hygiene science content must include oral health education and preventive counseling, health promotion, patient management, clinical dental hygiene, provision of services for and management of patients with special needs, community dental/oral health, medical and dental emergencies, legal and ethical aspects of dental hygiene practice, infection and hazard control management,

2.13 The basic clinical education aspect of the curriculum must include a formal course sequence in scientific principles of dental hygiene practice, which extends throughout the curriculum and is coordinated and integrated with clinical experience in providing dental hygiene services.

2.18 Graduates must be competent in providing dental hygiene care for all types of classifications of periodontal disease including patients who exhibit moderate to severe periodontal disease.

2.19 Graduates must be competent in interpersonal and communication skills to effectively interact with diverse population groups.

2.22 Graduates must be competent in applying ethical, legal and regulatory concepts to the provision and/or support of oral health care services.

2.23 Graduates must be competent in the application of self-assessment skills to prepare them for life-long learning.

2.25 Graduates must be competent in problem solving strategies related to comprehensive patient care and management of patients.

General Education or Core Curriculum:

2 Use critical thinking to analyze problems and make logical decisions.

Institutional Priorities:

2 EDUCATIONAL PROGRAMS-To provide a comprehensive educational program committed to quality...

Strategic Plans:

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2.9.3 Co-Op/Clinical Learning Experiences –Reviewing Textbook and required course materials

Related Measures:

M 2: CITA licensure examination

Graduates will demonstrate clinical competence to assigned and calibrated examiners during the Council of Interstate Agencies (CITA) licensure examination in June following graduation. CITA measures clinical competence as well as the ability to follow instructions and to organize patient data. The Department Chair will collect and analyze the pass/fail data for reporting purposes to SACS and the Commission on Dental Accreditation (CODA).

Source of Evidence: Certification or licensure exam, national or state

Achievement Target:

80% of graduates will successfully pass the clinical licensing exam (CITA) on the first attempt.

O 3: Communicate effectively

Using evidence-based research, students will communicate effectively in speaking, writing, reading, and listening in the written and oral presentation of a selected topic.

Associations:

Standards

CODA- Dental Hygiene

2.9 General education content must include oral and written communications, psychology, and sociology.

2.11 Dental sciences content must include tooth morphology, head, neck and oral anatomy, oral embryology and histology, oral pathology, radiography, periodontology, pain management, and dental materials.

2.19 Graduates must be competent in interpersonal and communication skills to effectively interact with diverse population groups.

2.24 Graduates must be competent in the evaluation of current scientific literature.

General Education or Core Curriculum:

1 Communicate effectively in speaking, writing, reading, and listening.

3 Demonstrate socialization skills that support cultural awareness and a global perspective.

Institutional Priorities:

2 EDUCATIONAL PROGRAMS-To provide a comprehensive educational program committed to quality...

Strategic Plans:

Curriculum Programs- Gen Ed Competencies

2.1.1 Promote active learning to serve students from diverse populations.

(Ongoing) NOTE: Click the link, Strategic Plan, for additional objectives and activities for Curriculum Programs 2.1.1.

Related Measures:

M 3: Research paper and presentation in DEN 222

Given a specific topic and utilizing evidence-based literature, students will research and present a formal paper and oral presentation. Students will be evaluated by themselves, their peers, and the course instructor in DEN 222 General and Oral Pathology. The course instructor will calculate and analyze the project grades each spring.

Source of Evidence: Presentation, either individual or group

Document:

[Presentation Rubric for DEN 222](#)

Achievement Target:

80% of students will earn a 77% or higher on an assigned research paper and oral presentation in DEN 222 General and Oral Pathology.

Annual Reports

Program Review (Academic Units)

All academic units must do an annual program review. If applicable, the associated document for the Program Review is attached at this level.

Documents:

[Annual Program Review 2008-2009](#)

[Annual Program Review Appendix](#)

Advisory Comm. Minutes (Academic Units)

Academic units have associated Advisory Committees that provide community input on program direction and outcomes. if applicable, the minutes from these meetings are attached at this level.

Document:

[Advisory Committee Minutes](#)