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Dental Hygiene (DNTL) 2243 Clinical Practice III (6) CSU  
[Formerly Dental Hygiene 43]

Prerequisite: Successful completion of all first, second and third semester Dental Hygiene Program courses.

Prerequisite knowledge/skills: Before entering the course, the student should be able to:

1. explain the theory of disease transmission and the necessity for asepsis in dentistry,
2. explain the purpose of a complete dental record and its component parts,
3. demonstrate communication skills that help ensure a thorough health history,
4. practice universal precautions on all patients,
5. use proper techniques for obtaining patients' vital signs,
6. describe and use extra-oral and intra-oral inspection techniques including:
  - a. the names of all structures to be visually inspected and palpated,
  - b. normal landmarks associated with these structures,
  - c. the prescribed method of palpation for each structure and
  - d. common abnormalities that may be detected,
7. use selection criteria to recommend radiographic surveys for new and returning patients,
8. identify and record, from radiographs, restorations, suspicious areas, periodontal findings, periapical disease, and bony abnormalities,
9. complete comprehensive dental chartings,
10. describe the nature and formation of dental plaque and its importance in the etiology of periodontal disease,
11. locate and identify various amounts of calculus,
12. integrate the periodontal examination into the assessment, planning and evaluation phases of dental hygiene therapy,
13. integrate plaque and gingival inflammation indices in daily clinical practice for the assessment, planning and evaluation of dental hygiene therapy,
14. describe and use Angle's classification system to determine molar relationships,
15. define the terms "overbite" and "overjet" and demonstrate how to measure each,
16. design treatment plans to meet the specific needs of each patient,
17. provide patient care that balances professional treatment and patient self-care,
18. select and educate patients about oral hygiene procedures, products and devices that specifically meet their individual needs for plaque control,
19. administer a professional topical fluoride treatment,
20. determine which type of hand instrument and which instrument design is most appropriate to be used, based on type and location of oral deposits,
21. be able to provide efficient and effective debridement with the following instruments:
  - a. sickle scalers,

- b. universal curets,
  - c. area-specific curets,
  - d. periodontal files and
  - e. ultrasonic scalers,
22. adapt the correct working and cutting edge of any hand scaling instrument in all appropriate areas of the mouth,
  23. integrate instrument sharpening into daily clinical practice,
  24. maintain the design features of instruments during the instrument sharpening procedure,
  25. identify and recommend appropriate antimicrobial plaque-control agents for various patient types,
  26. use polishing procedures to remove plaque and stain without causing trauma or discomfort,
  27. select and use appropriate anesthetics and injections to achieve desired anesthesia
  28. assess a patient's medical, physical and mental status to determine the necessity for anxiety control and the appropriate use of nitrous-oxide/oxygen sedation,
  29. describe and implement proper technique for nitrous-oxide/oxygen conscious sedation, and
  30. evaluate a patient's oral tissues to determine the need for and perform, if necessary, gingival curettage.

Hours and Unit Calculations:

16 hours lecture (32 Outside of class hours); 256 hours lab (304 Total Student Learning hours) 6 Units

Catalog Description: This course provides students with the opportunity to become more proficient in the clinical skills learned and practiced in previous clinical courses and to prepare them for success on their state, national, and regional licensing examinations.

Type of Class/Course: Degree Credit

Textbooks: The Taft College Dental Hygiene Department Clinic Manual and Program Handbook.

The Taft College Dental Hygiene (TCDH) Department Clinic Manual.

Additional Instructional Materials:

Wilkins, Esther M. *Clinical Practice of the Dental Hygienist*. 12th ed., Jones & Bartlett Learning, 2017.

Gehrig, Jill S., et al. *Fundamentals of Periodontal Instrumentation*. 8th ed., Jones & Bartlett Learning, 2019

Course Objectives:

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

1. provide quality dental hygiene care to difficult case type patients using more advanced treatment procedures,
2. demonstrate entry skill level, in performing advanced treatment procedures without instructor assistance,
3. provide preventive, educational, and therapeutic services supporting total health and the control and/or prevention of oral diseases,
4. demonstrate attitudes and behaviors which encourage the students to work as part of the dental health care team,
5. demonstrate understanding, sensitivity, and commitment to meeting the oral health care needs of



- a diverse socioeconomic, cultural and ethnic population,
- 6. demonstrate professional conduct at all times, and
- 7. abide by the rules and regulations as outlined in the Taft College Dental Hygiene Clinic Manual.

Course Scope and Content: (Lecture)

- Unit I            Review TCDH Policies and Procedures Manual
  - A. Health Insurance Portability and Accountability Act (HIPPA)
  - B. Exposure Control Plan
  - C. Needle Stick Policy
  - D. Critical Errors
  - E. Professionalism
  - F. Confidentiality Contract
  
- Unit II            Clinic Protocols and Review of Clinic Manual
  - A. Absenteeism
  - B. Patient Scheduling
  - C. Patient Cancellation and No show
  - D. No Clinic Days
  - E. Daily Clinic Critique Forms
  - F. Student Rotations
  - G. Faculty Rotations
  - H. Complaint Form
  - I. Program Competencies
  
- Unit III           Performance Evaluations and Requirements
  - A. Criteria
  - B. Allowable Errors
  - C. Student Expectations
  - D. Faculty Expectations
  
- Unit IV           Evaluations and Grading Criteria
  - A. Number of Completed Performance Evaluations and Requirements
  - B. Daily Clinic Critique Forms
  - C. Midterm and Final Conferences
  - D. Faculty Advisors
  - E. Mock Board Exams
  
- Unit V            Review of Emergency Procedures
  - A. Medical Emergencies
  - B. Lock Down Procedures
  - C. Evacuation Plan
  
- Unit VI            Clinical Discussions
  - A. Evaluations
  - B. Competency Evaluation (CE's)
  - C. Daily Clinic Critique Form
  - D. Student Concerns
  
- Unit VII

- Unit VII      Review of Local Anesthesia  
A. Injection Techniques  
B. Selection of a Local Anesthetic  
C. Management of Complications
- Unit VIII     National Boards  
A. Reviews  
B. Approval Process  
C. Preparation
- Unit IX       Clinical Licensing Exams  
A. Western Regional Examining Board (WREB) Exam  
B. Central Regional Dental Testing Service (CRDTS) Exam  
C. DHBC Ethics Exam
- Unit X        Risk Assessments  
A. Oral Risk Assessment  
B. Caries Assessment Management by Risk Assessment (CAMBRA)  
C. Periodontal Risk Assessments
- Unit XI Periodontal Case Studies  
A. Types of Patients  
B. Oral deoxyribonucleic acid (DNA) Testing  
C. Caries Screenings  
D. Sequencing
- Unit XII      Evidence Based Dentistry  
A. Research  
B. Interim Therapeutic Restoration (ITR's)  
C. Search Engines
- Unit XIII     American Society of Anesthesiologists (ASA) Classifications  
A. Classifications  
B. Treatment Parameters  
C. Medical Consultations

Course Scope and Content: (Laboratory)

- Unit I        Clinical Patient Care of More Difficult Patients  
A. Treatment of patients with more moderate and heavy calculus.  
B. Treatment of patients with more advanced periodontal disease  
C. Recalls and Periodontal Maintenance
- Unit II       Treatment of Clinic Patients using the Dental Hygiene Process of Care  
A. Assessment  
B. Dental Hygiene Diagnosis  
C. Dental Hygiene Treatment Plan  
D. Implementation of Care  
E. Evaluation of Treatment and Re-care schedule

Unit III Utilization of More Advanced Treatment Procedures

- A. Pain Management Procedures
- B. Root Planing
- C. Ultrasonic Scaling
- D. Soft Tissue Curettage
- E. Subgingival Irrigation
- F. Periodontal Assessment
- G. Risk Assessments
- H. Periodontal Re-evaluation
- I. Tobacco Cessation
- J. Nutritional Analysis
- K. Arestin
- L. Caries Screening
- M. Nitrous Oxide Sedation

Unit IV Clinic Forms

- A. Health History
  - 1. Oral Risk Assessment
  - 2. ASA Classification
- B. Intra/Extra Examination
- C. Code and Type
- D. Treatment Plan
- E. Dental History
- F. Periodontal Assessment
- G. Probe
- H. PPI
- I. Services Rendered

Unit V Clinical Responsibilities

- A. Set up/clean up
- B. Infection Control
- C. Instrument Processing
- D. Assistant Duties
- E. Clinical Etiquette/Professionalism

Unit VI Mock Board Examinations

- A. WREB
- B. CRDTS

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 2 hours per week outside of the regular class time doing the following:

1. Independent reading and study
2. Patient recruitment

Method of Instruction:



1. One-on-one skill demonstration and evaluation by the clinical faculty on more advanced treatment procedures while treating patients
2. Supervised treatment of appropriately selected patients to gain entry skill level into the profession

Methods of Evaluation:

1. Performance Evaluations
2. Daily Clinic Critique Forms
3. Clinical Enrichment Activities
4. Mock State/Regional Clinical Licensing Board Examinations

Laboratory Category: Extensive Laboratory

Pre delivery criteria: All of the following criteria are met by this lab.

1. Curriculum development for each lab.
2. Published schedule of individual laboratory activities.
3. Published laboratory activity objectives.
4. Published methods of evaluation.
5. Supervision of equipment maintenance, laboratory setup, and acquisition of lab materials and supplies.

During laboratory activity of the laboratory: All of the following criteria are met by this lab.

1. Instructor is physically present in lab when students are performing lab activities.
2. Instructor is responsible for active facilitation of laboratory learning.
3. Instructor is responsible for active delivery of curriculum.
4. Instructor is required for safety and mentoring of lab activities.
5. Instructor is responsible for presentation of significant evaluation.

Post laboratory activity of the laboratory: All of the following criteria are met by this lab.

1. Instructor is responsible for personal evaluation of significant student outcomes (lab exercises, exams, practicals, notebooks, portfolios, etc.) that become a component of the student grade that cover the majority of lab exercises performed during the course.
2. Instructor is responsible for supervision of laboratory clean up of equipment and materials.

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:	I: 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