



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

**LAST REVIEW:** 2006-7      **NEXT REVIEW:** 2011-12      **STATUS:** A

**COURSE TITLE:** DENTAL HYGIENE II CLINIC

**COMMON COURSE NUMBER:** DEH 1802L

**CREDIT HOURS:** 3

**CONTACT HOUR BREAKDOWN**  
*(per 16 week term)*

**CLOCK HOURS:** n/a  
*(Voc. Course ONLY)*

**Lecture:** n/a      **Lab:** n/a

**Clinic:** 12      **Other:** n/a

**PREREQUISITE(S):** DEH 1003, DEH 1003L, DEH 2400, DEH 1800, DEH 1800L, DES 2050

**COREQUISITE(S):** DEH 1802, DEH 1602, DEH 2701, DEH 1130

**COURSE DESCRIPTION:** This course will provide clinical experience in treatment planning, periodontal charting, ultrasonic scaling and comprehensive dental hygiene care.

## **UNIT TITLES**

1. Medical emergencies
2. Periodontal Charting – Phase II
3. Patient Care Planning – Phase II
4. Soft Tissue Management
5. Case Presentation
6. Patient Management and Nutritional Counseling
7. Ultrasonic Scaling
8. Air Polishing
9. Hypersensitive Teeth
10. Oral Irrigation
11. Removable Appliances
12. Supplemental Instruments



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## ASSESSMENT:

Evaluation of student performance will be based on the following:

1. Patient assessments 25%
  - Patient prophylaxis 35%
  - STM case patient 10%
  - Radiographs 10% (7% -FMS; 3% BW)
  - Final Patient 10%
  - Daily evaluation 10%
2. Completion of the DEH 1802L clinical requirements.

The student's letter grade for this course will be determined by the departmental percentage scale:

92 - 100 = A

83 - 91 = B

75 - 82 = C

66 - 74 = D

F



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## UNITS

### **Unit 1** Medical Emergencies

#### **General Outcome:**

**1.0 The student shall:** Simulate or otherwise the proper steps necessary to take when a dental emergency arises.

#### **Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Recognize a medical emergency.
2. Perform the necessary steps to ensure patient safety.
3. Identify the eye wash station and demonstrate its use.
4. Identify the location of the fire extinguisher, fire blanket and emergency exits.
5. Document the patient record accurately following a medical emergency.
6. Demonstrate correct follow up protocol.



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**Unit 2      Periodontal Charting Phase II**

**General Outcome:**

**2.0 The student shall:** State the necessary components to do a complete periodontal chart.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Identify all periodontal conditions: height of gingival margin, gingival recession, bleeding upon probing, exudate, tooth mobility, furcation involvement, muco gingival involvement, zone of attached gingiva
2. Identify predisposing factors of periodontal disease.
3. Perform a complete and accurate periodontal examination on all patients.
4. Accurately record periodontal findings using the symbols for the conditions listed in 2.2.
5. Utilize radiographs to facilitate periodontal charting
6. Determine the correct classification of patients according to disease status and amount of deposits present



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**Unit 3 Patient Care Planning Phase II**

**General Outcome:**

**3.0 The student shall:** Fully develop patient care plans according to patient needs.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Use all components of the dental hygiene care plan –(ADPIE) correctly when creating a care plan.
2. Correctly incorporate patient assessment data into care plan.
3. Correctly consider patient risk factors when formulating the care plan.
4. Formulate dental hygiene diagnosis and creates care plan accordingly.
5. Effectively involve patient in the care plan process.
6. Demonstrate efficient sequencing of dental hygiene care.
7. Evaluate or reevaluate outcomes of dental hygiene care.
8. Determine the correct maintenance intervals for dental hygiene care.



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**Unit 4      Indices**

**General Outcome:**

- 4.0 The student shall:** State the various indices performed and the steps to calculate them.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Select the appropriate index based on individual patient needs.
2. Explain the process to patient.
3. Complete all steps of the index correctly.
4. Educate patient on findings and incorporates necessary patient education.



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**Unit 5      Soft Tissue Management**

**General Outcome:**

**5.0 The student shall:** Choose and complete a soft tissue management patient.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Identify the patient characteristics that would benefit from a Soft Tissue Management Program.
2. Accurately assess the patient to determine the correct program.
3. Present the information to the patient in an effective manner.
4. Demonstrates appropriate care planning.
5. Sequentially and effectively carries out the care plan utilizing good time management.
6. Actively involves the patient in the Soft Tissue Management Program.
7. Reevaluates tissue response at each appointment.
8. Determines the correct recare interval for the patient.



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**Unit 6 Case Presentation**

**General Outcome:**

**6.0 The student shall:** Effectively present to each patient the care plan and obtain the necessary Informed Consent.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Complete care plan based on individual patient needs and data collection.
2. Communicate projected care plan effectively with patient.
3. Appropriately discuss alternatives and consequences with patient.
4. Give the patient opportunity to ask questions.
5. Make any necessary adjustments to care plan as a result of discussion with patient.
6. Obtain informed consent



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**Unit 7 Patient Management and Nutritional Counseling**

**General Outcome:**

**7.0 The student shall:** Demonstrate effective patient management on various patient personalities and perform nutritional counseling.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Identify patient needs to understand correct and effective communication.
2. Identify patient that will benefit from nutritional counseling.
3. Explain the benefit and components of nutritional counseling.
4. Effectively utilize the five day diary so that the patient has full understanding of what information is obtained.
5. Explain to the patient, modifications of nutritional habits that are necessary for caries prevention and maintaining periodontal health.



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**Unit 8      Ultra Sonic Scaling**

**General Outcome:**

**8.0 The student shall:** Correctly perform ultra sonic scaling on a patient where indicated.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Identify the need to perform ultra sonic scaling on a patient
2. Explain the procedure to the patient.
3. Identify the correct set up of the ultra sonic scaler.
4. Utilize the correct working stroke in the mouth for both gross debridement and fine scaling.
5. Demonstrate methods to ensure patient comfort.
6. Perform the correct dismantling of the ultra sonic scaler.



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**Unit 9      Air Polishing**

**General Outcome:**

**9.0 The student shall:** Perform air polishing on a patient where indicated.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 1.**      Select the appropriate patient for air polishing.
- 2.**      Accurately set up and disassemble the air polisher.
- 3**      Correctly demonstrate technique utilizing the correct angles for the different surfaces.



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**Unit 10**

**Desensitization**

**General Outcome:**

**10.0 The student shall:** Demonstrate the application of desensitizing agents to hypersensitive teeth.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Determine the need for desensitization techniques.
2. Determine the need for clinical desensitization techniques.
3. Perform the correct desensitization techniques
4. Give the correct post operative instructions.



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**Unit 11**

**Oral Irrigation**

**General Outcome:**

**11.0 The student shall:** Perform oral irrigation on a patient where indicated.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1. Identify the patient that is in need of oral irrigation.
2. Presents the procedure to the patient.
3. Demonstrate the correct oral irrigation techniques.
4. Demonstrate correct assembly and disassembly of the oral irrigator.
5. Evaluate and reevaluate the effectiveness of oral irrigation on subsequent visits.



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**Unit 12      Removable Appliances**

**General Outcome:**

**12.0 The student shall:**      Demonstrate the proper care of removable appliances.

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1.      Explain the procedure of care of removable appliances to patient (both home and clinic).
2.      Remove the appliance and demonstrate correct cleaning techniques in the clinic.
3.      Instruct the patient on how to effectively clean the appliance at home.



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**Unit 13                      Supplemental Instruments**

**General Outcome:**

**13.0 The student shall:**     Demonstrate on a typodont supplemental periodontal instruments (hoe, file and chisel).

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

1.     Perform on a typodont the correct techniques for using the hoe, file and chisel.
2.     Demonstrate a two point contact.
3.     Describe when these instruments are necessary.