DESCRIPTION

An instructional program that prepares individuals to assist a dentist or dental hygienist performing the functions of a dental practice. Includes instruction in a chair-side assisting, patient preparation, front office functions, selected dental office laboratory procedures, and introduction to radiology.

<table>
<thead>
<tr>
<th>Total Test Questions: 28</th>
<th>Levels: 12 Grade</th>
<th>Units of Credit: 0.5</th>
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<tbody>
<tr>
<td>Prerequisites: 720 and 721</td>
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STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD 1  14% of Exam Blueprint

◊ STUDENTS WILL PERFORM SKILLS AND ASSIST WITH PROSTHODONTIC PROCEDURES, INCLUDING DENTURES, CROWN, AND BRIDGE.

Objective 1: Identify types of prosthetic appliances, including fixed or removable.
Objective 2: Explain the various prosthodontic procedures.
   1. Dentures
   2. Crowns
   3. Bridges
   4. Partials
   5. Veneers
Objective 3: Identify instruments used in crown and bridge procedures.
Objective 4: Set up for a crown and bridge procedure.
Objective 5: Complete laboratory authorization forms.
Objective 6: Mix cements both temporary and permanent.
Objective 7: Demonstrate patient education on the care of maintenance of prosthetic.
Objective 8: Prepare a setup tray for removable prosthetics (partials and dentures).
Objective 9: Record procedure in patient chart.

STANDARD 2  16% of Exam Blueprint

◊ STUDENTS WILL DEMONSTRATE BASIC KNOWLEDGE OF AND ASSIST WITH COMMON SURGICAL PROCEDURES.

Objective 1: Identify the instruments in a basic surgical setup and describe their function.
Objective 2: Set up for a basic extraction.
Objective 3: Place and remove post-extraction dressings (2x2 gauze).
Objective 4: Describe how to respond to post-surgical bleeding.
Objective 5: Demonstrate the ability to explain post-op instructions to a patient.
Objective 6: Explain a “dry socket” and know its causes.
Objective 7: Identify the instruments used in suture removal and describe the functions of each.
Objective 8: Set up for a suture removal.
Objective 9: Remove sutures.
Objective 10: Record basic extraction procedure in patient record.

STANDARD 3 19% of Exam Blueprint

Students will demonstrate basic knowledge of and assist with procedures related to endodontics.

Objective 1: Identify the instruments and accessories used in endodontic treatment and describe their functions.
Objective 2: Set up for basic endodontic procedures.
Objective 3: List the general steps in endodontic diagnosis.
Objective 4: List and describe the methods of pulp testing.
Objective 5: Explain root canal procedure to patient.
Objective 6: Place and remove dental dam.
Objective 7: Demonstrate the ability to provide post-op instructions to patient.
Objective 8: Record basic endodontic treatment in patient record.

STANDARD 4 12% of Exam Blueprint

Students will demonstrate basic knowledge of and perform skills related to orthodontics.

Objective 1: Demonstrate knowledge of the Palmer numbering system.
Objective 2: Identify the three types of occlusion.
   1. Neutro
   2. Overbite
   3. Underbite
Objective 3: List the benefits of orthodontic treatment.
Objective 4: List the steps in obtaining records for orthodontic treatment and planning.
Objective 5: Provide patient information on caring for orthodontic appliances.
Objective 6: Provide proper oral hygiene and dietary instructions as it relates to orthodontic appliances.

STANDARD 5 9% of Exam Blueprint

Students will show basic knowledge of, demonstrate skills, and assist with procedures on pediatric patients.

Objective 1: List and explain common procedures in pediatric dentistry.
Objective 2: Apply and demonstrate effective communication with children.
Objective 3: Identify and demonstrate patient management techniques for children.
Objective 4: List the areas of preventive dentistry for children.
Objective 5: Apply pit and fissure sealants.
Objective 6: Compare pediatric procedures with those of adults, including cleaning, exam, restorative pulpotomy, and stainless steel crown.
Objective 7: Demonstrate the use of a patient education plan for instructing children and parents about oral hygiene.
Objective 8: Describe types of injuries commonly seen in pediatric dentistry.
Objective 9: Demonstrate knowledge of the first aid/emergency treatment for common injuries in pediatric dentistry.
Objective 10: List types of child abuse.
Objective 11: Describe injuries consistent with child abuse.
Objective 12: Discuss the role of the Dental Assistant in reporting child abuse.
Objective 13: Record pit and fissure sealant procedure in patient record.

STANDARD 6
14% of Exam Blueprint

Students will demonstrate knowledge of and perform skills related to periodontics.

Objective 1: Set up for a dental prophylaxis.
   1. Ultrasonic scaler
   2. Precaution
Objective 2: List the causes of periodontal disease.
Objective 3: Describe the signs and symptoms of periodontal disease.
Objective 4: List the surgical and non-surgical treatments for periodontal disease.
Objective 5: Outline the use of mixing materials used in periodontal dressing.
Objective 6: Demonstrate the ability to give post-op instruction for periodontal procedures.
Objective 7: Record prophylaxis/periodontal treatment in patient record.

STANDARD 7
16% of Exam Blueprint

Students will utilize materials and demonstrate skills related to in-office laboratory procedures.

Objective 1: Identify and describe the major pieces of equipment found in the laboratory and the functions of each.
Objective 2: List the three types of impressions taken in a dental office.
Objective 3: Demonstrate the ability to explain the impression procedure to a patient.
Objective 4: Take preliminary impressions.
Objective 5: Pour, trim, and evaluate the quality of models.
Objective 6: Fabricate a thermal plastic tray.