

Course Objectives/Course Outline
Spokane Community College

Course Title: *Intermediate Chairside Assisting Lab*

Prefix and Course Number: DENT 120 Lab

Course Learning Outcomes:

By the end of this course, a student should be able to:

1. Identify the role of the dental assistant through demonstration of knowledge of sequence of procedures for a variety of dental specialties. Accessing and inputting of computerized software, performing a mock composite procedure and performing oral hygiene on a student partner.
2. Use dental nomenclature relating to dental chairside instruments and procedures.
3. Define terminology used in this unit.
4. Protecting self and others from cross contamination by wearing protective glasses, mask, gloves and uniforms following OSHA/WISHA standards.
5. Demonstrate safety measures to self, patient and others at all times during:
 - a. Chairside procedures
 - b. Maintenance of equipment
6. Demonstrate professional interpersonal communication both verbal and nonverbal with instructors, peers and patients.
7. Identify and practice appropriate ethics when in clinic.

Course Outline:

Dental Specialties:

- 1) Periodontics:
 - a) Describe and demonstrate the essentials comprising of a periodontal examination including recording periodontal pocket readings, chart notes and pre and post-operative care. Describe the instructions provided to the patient following the various steps in treatment of the tissue and teeth.
 - b) Identify instruments used specifically for periodontal treatment including surgery.
 - c) Identify ingredients and demonstrate mixing, placing and removing a periodontal surgical pack.
 - d) Identify and select instruments to assist in mock gingivectomy/gingivoplasty, (crown lengthening), frenectomy, prophylaxis, scaling/root planing and curettage of the teeth and supporting tissues.
- 2) Endodontics:
 - a) Describe and demonstrate the essentials comprising of an endodontic examination, including recording chart notes and pre and post-operative care. Describe the instructions provided the patient following the various steps in treatment of the infected tooth (from emergency to the final filling of the canal).
 - b) Identify instruments used specifically for endodontic treatment.
 - c) Identify ingredients and demonstrate mixing of root canal sealer.
 - d) Identify, select instruments and assist in mock endodontic procedures.
 - i) Diagnosis
 - ii) Open and Close root canal
- 3) Orthodontics:
 - a) Identify, describe the tray set-ups and the sequence of procedure for the following procedures: Demonstrate each procedure.
 - i) Take intraoral and extraoral photographs.
 - ii) Place and remove orthodontic separators.

- iii) Select and fit orthodontic bands, try in, fixed or removable orthodontic appliances prior to the dentist cementing or checking the appliance.
 - iv) Prepare teeth for bonding of orthodontic appliances.
 - v) Bond attachments for clear removable orthodontic aligners.
 - vi) Remove and replace archwires and orthodontic ligatures.
 - vii) Fit and adjust headgear.
 - viii) Remove fixed orthodontic appliances, orthodontic cements and orthodontic bonded resin material.
 - ix) Describe the pre and post-operative instructions provided to the patient following the various steps in orthodontic treatment.
- 4) Oral and Maxillofacial Surgery:
- a) Describe and demonstrate the essentials comprising of an oral surgery examination, including recording chart notes and pre and post-operative care. Describe the instructions provided the patient following the various steps in treatment of the extraction and packing and medicating an extraction site.
 - b) Identify each oral surgical instrument.
 - c) Identify, select instruments and assist in mock routine or uncomplicated extraction and removal of impacted third molars procedures.
 - d) Pack and medicate extraction sites.
 - e) Describe the pre and post-operative instructions provided to the patient following the various steps in oral and maxillofacial surgical treatment.
- 5) Pediatric Dentistry:
- a) Describe and demonstrate the essentials comprising of a pediatric examination including recording mixed dentitions, chart notes and pre and post-operative care. Describe the instructions provided to the patient following the various steps in treatment of the child patient.
 - b) Identify instruments used specifically for pediatric treatment.
 - c) Identify parts of a t-band matrix and demonstrate assembly, placement and removal.
 - d) Identify and select instruments and assist in mock pulpotomy/pulpectomy and stainless-steel crown appointment.

Computerized Software:

1. Using a mock patient chart, access dental computer software entering patient information, including medical and dental history, appropriate consent and HIPAA forms, existing restorations and missing teeth and a treatment plan.
2. Using computer software, enter all appropriate specialty information for a patient. Use appropriate codes and fees; walk out patient on computer billing their account.

Composite Final Restoration:

- a) Prepare and identify a composite tray set up.
- b) Perform a mock composite procedure prior to clinical rotations.

Oral Hygiene instruction:

1. Perform Oral Hygiene Instruction on a student partner:
 - a) Obtain all appropriate documentation for procedure including medical and dental history, consent forms and HIPPA policies
 - b) Prepare operatory, tray and seat patient following DENT 110 guidelines.
 - c) Chart existing restorations and missing teeth.
 - d) Perform intra oral/extra oral examination. Perform vital signs as per DENT 109 protocol.
 - e) Disclose and analyze a patient's oral hygiene effectiveness. Discuss results with the patient.
 - f) Demonstrate proper brushing and flossing techniques, discuss nutrition, cleansing and trigger foods, utilize visual aids and any other aids patient needs.
 - g) Record all data on patient chart.
 - h) Dismiss patient following DENT 110 protocol
 - i) Clean, disinfect and sterilize trays and equipment following DENT 109 protocol.