



Western Technical College

## 31508311 Dental Assistant Clinical - Adv

### Course Outcome Summary

#### Course Information

<b>Description</b>	Dental Assisting students apply skills developed in Dental Chairside - Advanced, Dental Lab Procedures, Dental Radiography - Advanced, and Dental Office Procedures in a clinical setting with patients. Emphasizes integration of core abilities and basic and advanced occupational skills.
<b>Career Cluster</b>	Health Science
<b>Instructional Level</b>	Technical Diploma Courses
<b>Total Credits</b>	2
<b>Total Hours</b>	144

#### Pre/Corequisites

Prerequisite 31508302 Dental Chairside

#### Textbooks

No textbook required.

#### Learner Supplies

Uniform: Black lab jacket, black pants, tennis shoes. **Vendor:** To be discussed in class. Required.

Safety Glasses. **Vendor:** Campus Shop. Required.

Student Name Pin. **Vendor:** To be discussed in class. Required.

Red Western Program Patch. **Vendor:** Campus Shop. Required.

Latex free exam gloves. **Vendor:** To be discussed in class. Required if clinic does not supply.

Protective face masks. **Vendor:** To be discussed in class. Required if clinic does not supply.

## Success Abilities

1. Cultivate Passion: Enhance Personal Connections
2. Cultivate Passion: Expand a Growth-Mindset
3. Cultivate Passion: Increase Self-Awareness
4. Live Responsibly: Develop Resilience
5. Live Responsibly: Embrace Sustainability
6. Live Responsibly: Foster Accountability
7. Refine Professionalism: Act Ethically
8. Refine Professionalism: Improve Critical Thinking
9. Refine Professionalism: Participate Collaboratively
10. Refine Professionalism: Practice Effective Communication

## High Impact Practices

1. Work-Based Learning: this course applies your learning to your desired profession by working in industry placements such as internships, practicums, clinicals, or co-ops.

## Program Outcomes

1. DA-1 year: Perform a variety of advanced supportive dental procedures
2. DA-1 year: Manage infection and hazard control
3. DA-1 year: Produce diagnostic intraoral and extraoral radiographs on a variety of patients
4. DA-1 year: Perform advanced dental laboratory procedures
5. DA-1 year: Demonstrate professional behaviors, ethics, and appearance
6. DA-1 year: Perform dental office business procedures

## Course Competencies

### 1. Collect diagnostic and treatment data.

#### Assessment Strategies

- 1.1. by working with patients onsite in a dental office/clinic
- 1.2. by performing data collection tasks in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 1.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 1.4. by meeting performance expectations of supervising dentist and dental professionals
- 1.5. in a written, graphic, or oral reflection on how you have improved this skill since previous clinical experience

## Criteria

*You will know you are successful when*

- 1.1. you exhibit increasing confidence and skill as you perform the following tasks: collect medical/dental histories; obtain informed consent; take vital signs; chart oral cavity structures and missing teeth; chart dental pathology; chart restorations; and document treatment for multiple patients.
- 1.2. you ensure log entries note data collection tasks performed, date, time, (and your comments if desired).
- 1.3. you reflect a realistic picture of your skill prior to the learning experience.
- 1.4. you describe and gives an example of how your performance and/or confidence have improved.
- 1.5. you include strategies for continued improvement.
- 1.6. you present insight about your learning experience.
- 1.7. you use correct dental/medical terminology, grammar, spelling, and punctuation.

## Learning Objectives

- 1.a. Assist with the development of the diagnostic and treatment data required for patient treatment plan.
- 1.b. Demonstrate recording the dentist's findings on a dental chart or computerized system during an oral examination.
- 1.c. Demonstrate recording patient treatment on a dental chart or computerized system.

## 2. Manage infection and hazard control.

### Assessment Strategies

- 2.1. by working with patients onsite in a dental office/clinic
- 2.2. by performing infection management and hazard control tasks in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 2.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 2.4. by meeting performance expectations of supervising dentist and dental professionals
- 2.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

## Criteria

*You will know you are successful when*

- 2.1. you exhibit increasing confidence and skill as you perform the following tasks: employ personal and patient protection to prevent disease transmission; reprocess instruments; reprocess treatment rooms; manage waste; adhere to OSHA Hazardous Communication Standard; and maintain infection control records.
- 2.2. you ensure your log entries note infections and hazard control tasks performed, date, time, (and your comments if desired).
- 2.3. you reflect a realistic picture of your skill prior to the learning experience.
- 2.4. you describe and give an example of how your performance and/or confidence have improved.
- 2.5. you include strategies for continued improvement.
- 2.6. you present insight about your learning experience.

## Learning Objectives

- 2.a. Perform duties relating to infection control as mandated by OSHA before, during and after dental procedures.
- 2.b. Perform duties relating to hazard control as mandated by HazCom before, during and after dental procedures.

## 3. Perform clinical supportive treatments.

### Assessment Strategies

- 3.1. by working with patients onsite in a dental office/clinic
- 3.2. by performing clinical supportive treatment tasks in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 3.3. by making an entry in your Clinical Experience Log each time you perform these treatments
- 3.4. by meeting performance expectations of supervising dentist and dental professionals
- 3.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

## Criteria

*You will know you are successful when*

- 3.1. you exhibit increasing confidence and skill as you perform the following tasks: transition patient through

a dental procedure; assist with dental exams; perform four-handed dental assisting; operate dental equipment; transfer dental instructions for various procedures; maintain a clear operating field; maintain and assemble dental instruments; assist with chairside pain control, apply local anesthetic; assist with direct cosmetic restoration; and assist with amalgam restoration.

- 3.2. you ensure your log entries note clinical supportive treatments performed, date, time, (and your comments if desired).
- 3.3. you reflect a realistic picture of your skill prior to the learning experience.
- 3.4. you describe and give an example of how your performance and/or confidence has improved.
- 3.5. you include strategies for continued improvement.
- 3.6. you present insight about your learning experience.

#### **Learning Objectives**

- 3.a. Prepare the operatory and assist at chairside with preventive, diagnostic, operative, and specialty procedures.

### **4. Perform dental laboratory procedures.**

#### **Assessment Strategies**

- 4.1. by working with patients onsite in a dental office/clinic
- 4.2. by performing dental laboratory tasks in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 4.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 4.4. by meeting performance expectations of supervising dentist and dental professionals
- 4.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 4.1. you exhibit increasing confidence and skill as you perform the following tasks: prepare liners, bases, and cements; prepare amalgam for a direct restoration; prepare direct aesthetic restorative materials; mix impression materials; clean removable appliances; produce alginate impressions; fabricate and trim models, create vacuum-formed oral appliances; fabricate custom impression trays; polish oral appliances; prepare provisional tooth coverage; and explain the indications, procedure, and benefits of indirect restoration to a patient.
- 4.2. you ensure your log entries note dental lab procedures performed, date, time, (and your comments if desired).
- 4.3. you reflect a realistic picture of your skill prior to the learning experience.
- 4.4. you accurately describe your new skill level.
- 4.5. you describe and give an example of how your performance and/or confidence has improved.
- 4.6. you include strategies for continued improvement.
- 4.7. you present insight about your learning experience.

#### **Learning Objectives**

- 4.a. Perform required laboratory skills associated with the various dental procedures.

### **5. Take diagnostic images.**

#### **Assessment Strategies**

- 5.1. by working with patients onsite in a dental office/clinic
- 5.2. by taking diagnostic images in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 5.3. by making an entry in your Clinical Experience Log each time you expose or process images
- 5.4. by meeting performance expectations of supervising dentist and dental professionals
- 5.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 5.1. you exhibit increasing confidence and skill as you perform the following tasks: ensure radiation safety; follow infection control protocols; manage patients during the radiography process; process and mount images; evaluate images for diagnostic value; interpret radiographic findings; expose periapicals using paralleling and bisecting techniques; expose full-mouth images; produce extra-oral images; and produce images using specialized film and techniques.
- 5.2. your log entries note images exposed and processed, date, time, (and your comments if desired).

- 5.3. your reflection presents a realistic picture of your skill prior to the learning experience.
- 5.4. your reflection describes and gives an example of how your performance and/or confidence have improved.
- 5.5. your reflection includes strategies for continued improvement.
- 5.6. your reflection presents insight about your learning experience.

#### **Learning Objectives**

- 5.a. Describe the required standards of a quality diagnostic image.
- 5.b. Explain the process necessary to produce images of diagnostic quality.
- 5.c. Produce images of diagnostic quality.

### **6. Provide patient oral health instruction.**

#### **Assessment Strategies**

- 6.1. by working with patients onsite in a dental office/clinic
- 6.2. by providing patient oral health instruction in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 6.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 6.4. by meeting performance expectations of supervising dentist and dental professionals
- 6.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 6.1. you exhibit increasing confidence and skill as you perform the following tasks: counsel patients about nutrition and its relationship to oral health; teach patients to use proper tooth brushing techniques; explain the importance and procedures of preventative dentistry to patients.
- 6.2. you ensure your log entries note oral health instruction given, date, time, (and your comments if desired).
- 6.3. you reflect a realistic picture of your skill prior to the learning experience.
- 6.4. you describe and give an example of how your performance and/or confidence has improved.
- 6.5. you include strategies for continued improvement.
- 6.6. you present insight about your learning experience.

### **7. Assist in managing medical emergencies.**

#### **Assessment Strategies**

- 7.1. by working with patients onsite in a dental office/clinic
- 7.2. by assisting in the management of medical emergencies as they may arise in accordance with criteria for related competencies published in preceding Dental Assistant courses, or by discussing with a mentor how medical emergencies are handled at your clinical site.
- 7.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 7.4. by meeting performance expectations of supervising dentist and dental professionals
- 7.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 7.1. you exhibit increasing confidence and skill as you perform the following tasks: assist in handling dental office medical, chemical, and infectious emergencies as they arise; assist in maintaining emergency equipment and supplies; make dental office staff members aware of potential contraindications for prescribed medications; and perform or assist with CPR if the need arises.
- 7.2. you ensure your log entries note any medical emergency assistance provided, date, time, (and your comments if desired).
- 7.3. you reflect a realistic picture of your skill prior to the learning experience.
- 7.4. you describe and give an example of how your performance and/or confidence has improved.
- 7.5. you include strategies for continued improvement.
- 7.6. you present insight about your learning experience.

### **8. Carry out dental office procedures.**

#### **Assessment Strategies**

- 8.1. by working with patients onsite in a dental office/clinic
- 8.2. by assisting in the management of medical emergencies as they may arise in accordance with criteria

for related competencies published in preceding Dental Assistant courses, or by discussing with a mentor how medical emergencies are handled at your clinical site.

- 8.3. by making an entry in your Clinical Experience Log each time you perform these tasks
- 8.4. by meeting performance expectations of supervising dentist and dental professionals
- 8.5. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 8.1. you exhibit increasing confidence and skill as you perform the following tasks: manage telephone calls; assist with appointment management; assist with recall management; assist with dental record processing; assist in processing collections and accounts payable; assist with inventory management; operate business equipment and software; and assist with the completion of third-party reimbursement forms.
- 8.2. you ensure your log entries note office procedure tasks performed, date, time, (and your comments if desired).
- 8.3. you reflect a realistic picture of your skill prior to the learning experience.
- 8.4. you describe and give an example of how your performance and/or confidence has improved.
- 8.5. you compare your clinical experience with your classroom experience.
- 8.6. you include strategies for continued improvement.
- 8.7. you present insight about your learning experience.

### **9. Model professional behaviors, ethics, and appearance.**

#### **Assessment Strategies**

- 9.1. by working with patients onsite in a dental office/clinic
- 9.2. by exhibiting professional behaviors, ethics, and appearance in accordance with criteria for related competencies published in preceding Dental Assistant courses.
- 9.3. by meeting performance expectations of supervising dentist and dental professionals
- 9.4. in a written, graphic, or oral reflection on what you have learned in the clinical experience

#### **Criteria**

*You will know you are successful when*

- 9.1. you exhibit a professional appearance complying with the dress code of the program.
- 9.2. you exhibit increasing professional confidence and competence by: meeting or exceeding the attendance policy; meeting or exceeding the dress code; declining to perform tasks not permitted to a student dental assistant; maintaining confidentiality; and contributing to a positive ethical and professional climate.
- 9.3. you reflect a realistic picture of your skill prior to the learning experience.
- 9.4. you describe and give an example of how your performance and/or confidence has improved.
- 9.5. you include strategies for continued improvement.
- 9.6. you present insight about your learning experience.

#### **Learning Objectives**

- 9.a. Communicate effectively with patients and other members of the dental health team.
- 9.b. Develop and exhibit a positive, cooperative attitude in interpersonal relationships.
- 9.c. Demonstrate a professional appearance in the clinical setting.
- 9.d. Maintain confidentiality of all patient and dental office information.
- 9.e. Apply ethical and legal standards to the dental assisting job responsibilities in the workplace.

### **10. Integrate the Success Abilities designated by your college into your performance in a professional setting.**

#### **Assessment Strategies**

- 10.1. by completing a self-evaluation and/or having your instructor, a peer, and/or your supervisor complete a Success ability evaluation
- 10.2. by completing a written reflection on the results of the Success ability evaluations

#### **Criteria**

*You will know you are successful when*

- 10.1. your Success ability evaluations show that you have made progress toward, met, or exceeded each Success ability.

- 10.2. your reflection provides a description of your Success ability strengths and gives one or more examples to back them up.
- 10.3. your reflection sets goals and identifies strategies for continually improving your Success abilities.

**Learning Objectives**

- 10.a. List and discuss the college Success abilities.
- 10.b. Explain how you integrate the college Success abilities into your performance in the professional setting.