Western Technical College

31508311 Dental Assistant Clinical - Advanced

Course Outcome Summary

Course Information

<table>
<thead>
<tr>
<th>Description</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Cluster</td>
<td>Health Science</td>
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<tr>
<td>Instructional Level</td>
<td>Technical Diploma Courses</td>
</tr>
<tr>
<td>Total Credits</td>
<td>2</td>
</tr>
<tr>
<td>Total Hours</td>
<td>144</td>
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</tbody>
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Textbooks

*Student Success Manual*. Western. Publisher: Western. Required.

Learner Supplies

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

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

Uniform: Black lab jacket - $22, black pants - $22, white shoes - $20-35, safety glasses - $5.50, and Red Western Program Patch - $3.50. **Vendor**: To be discussed in class. Required.

Success Abilities

1. Apply mathematical concepts.
2. Demonstrate ability to think critically.
3. Demonstrate ability to value self and work ethically with others in a diverse population.
4. Make decisions that incorporate the importance of sustainability.
5. Transfer social and natural science theories into practical applications.
6. Use effective communication skills.
7. Use technology effectively.

Experiential Learning
1. Community Based Learning Project
2. Work Based Learning

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.

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 in 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.e. Apply ethical and legal standards to the dental assisting job responsibilities in the workplace.

10. Integrate the core 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 core ability evaluation

10.2. by completing a written reflection on the results of the core ability evaluations

Criteria

You will know you are successful when

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

10.2. your reflection provides a description of your core 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 core abilities.

Learning Objectives

10.a. List and discuss the college core abilities.

10.b. Explain how you integrate the college core abilities into your performance in the professional setting.