

# Dakota County Technical College

## DENT 1135: Chairside Assisting I

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 3

Lab Hours/Week: 1

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course introduces the student to the fundamentals of working in a dental office setting as a chairside assistant. It introduces concepts of dental charting, techniques of basic equipment, supplies, four-handed dentistry, oral evacuation and instrument identification and their proper use. This course also provides an introduction to the psychology of patient management skills necessary for effective interaction with patients.

**B. COURSE EFFECTIVE DATES:** 10/14/2010 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. Label diagrams of cavity preparation with correct cavity classification
2. Identify G.V. Black's cavity classification
3. Differentiate between line and point angles
4. Differentiate between simple, compound and complex cavities
5. Describe Universal, Palmer and International methods of charting
6. Distinguish between anatomic and geometric tooth diagrams
7. Identify symbols of the conditions in the oral cavity
8. Identify terms commonly used with charting
9. Place correct symbols on corresponding teeth using red and blue pencils
10. Accurately record on dental charts the description of the condition of various teeth
11. Compare the purpose and function of the various components of equipment in the dental operator
12. Demonstrate steps of proper handwashing technique
13. Demonstrate competency in operator preparation and clean-up
14. Demonstrate proper seating and dismissal of the patient
15. Demonstrate proper adjustment of the assistant, operator and patient chairs
16. Demonstrate proper sterilization and disinfection techniques
17. Diagram the clock concept used to define the operating zones used in dentistry
18. Demonstrate with ease proper placement and use of the oral evacuator
19. Demonstrate proper uses of the air and water syringe
20. Demonstrate care of all equipment
21. List and describe instruments on the basic tray set up and other miscellaneous items
22. Demonstrate proper instrument grasps and transfer techniques
23. List and describe various parts of hand instruments
24. List parts and assemble an anesthetic syringe
25. Demonstrate preparation and passing of the anesthetic syringe
26. Identify parts and demonstrate the assemblage of the Tofflemire matrix retainer and band
27. Demonstrate intraoral and extraoral exams
28. Perform and record vital signs
29. Demonstrate proper cotton roll placement
30. List other isolation methods
31. Exhibit professional dress requirements
32. Perform proper techniques in infection control
33. Demonstrate proper competence in the use of personal protective equipment
34. Define psychology
35. Discuss different patient behaviors
36. Understand how pain, fear and stress relates to patient behavior
37. Demonstrate responsive listening
38. Identify road blocks to communication
39. State things you must do to send message clearly
40. Describe special patients and their needs
41. List the major factors which are important in team building
42. Describe problem solving skills that can be used in the dental office

**E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted