

# Dakota County Technical College

## DENT 1120: Dental Health

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed to provide the student with the knowledge necessary to instruct a patient in proper oral hygiene and explain the benefits of fluoride. It also will provide the students with basic nutritional concepts and their practical applications. Prerequisites: Admission to Dental Assisting Program

**B. COURSE EFFECTIVE DATES:** 02/12/1998 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

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

1. Define gingivitis and periodontal disease
2. Define nutrition and explain how it relates to dentistry
3. Describe food guide pyramid
4. Describe oral manifestations of nutritional deficiencies
5. Diagram the sites of digestion
6. Discuss dietary management of patients with special needs
7. Distinguish between major trace minerals, their function and food source
8. Distinguish between water and fat soluble vitamins, their function and food sources
9. Explain how to read a food label
10. Identify health risks related to an improper diet
11. List key nutrients, their functions and sources
12. List recommended dietary guidelines
13. List the major food groups
14. Discuss classifications of periodontal disease
15. Describe components of calculus, its formation and accumulation
16. Describe components of plaque, its formation and accumulation
17. Distinguish between inflammation, gingivitis and periodontitis
18. Identify characteristics of healthy gingiva
19. Identify role of fluorides in preventive dentistry
20. Identify role of the dental assistant in preventive dentistry
21. Identify source of fluoride
22. Label a diagram of a toothbrush
23. List benefits of preventive dentistry
24. List major aspects of preventive dentistry
25. Demonstrate competence in flossing
26. Demonstrate competence in providing instruction on each of the tooth brushing methods
27. Demonstrate competence in providing plaque control instruction
28. Demonstrate techniques in cleaning and polishing partials and dentures
29. Demonstrate the use of interdental cleansing aids
30. Describe the various tooth brushing techniques
31. Distinguish between systemic and topical fluoride
32. List different types of topical applications
33. List general tooth brushing recommendations
34. List the considerations for recommending adjuncts to a patient
35. List the contributing factors to periodontal disease
36. List the purpose of plaque control
37. Prepare a five week oral hygiene program for a patient

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted