

SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
DENTAL ASSISTING
Revision Date: 11/2023

I. CATALOG DESCRIPTION

Course Number:	DENT 1107
Course Title:	Dental Concepts
Prerequisite(s):	Admission to the program

Catalog Description: This course covers the history of dentistry, nomenclature of dentitions, oral assessment, treatment planning, recognition of oral pathology, pharmacology and pain control, and management of medical & dental emergencies.

Credit Hours:	2
Class Hours:	23
Lab Hours:	23
Total Contact Hours:	46

II. COURSE OBJECTIVES: *Course will:*

1. Understand the history of dentistry.
2. Identify the role of the dental team members.
3. Identify dental nomenclature of both primary and permanent dentitions.
4. Understand cavity classifications and perform related dental charting.
5. Recognize signs, symptoms and appearance of common oral pathological conditions.
6. Describe and discuss action and indication of drugs used in the practice of dentistry.
7. List and describe basic dental and medical emergencies.

Note: Unit objectives are located in the learning management system within each unit of study.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *The student will be able to:*

1. Identify the history of the dentistry.
2. Know the role as a dental assistant and the roles of the other dental team members.
3. Identify & describe all teeth in permanent and primary dentition by name, number, and eruption date.
4. Describe the tooth surfaces relating to the six cavity classifications and transmit them to dental charting.
5. Identify and relate pharmacology to dentistry to including: common drugs used in dentistry including side effects, indications, and contraindications.
6. Classify and discuss pain control, including nitrous oxide.
7. Recognize signs, symptoms and appearance of common oral pathological conditions.
8. Describe and discuss action and indication of drugs used in the practice of dentistry.
9. Identify and describe treatment for basic dental and medical emergencies.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking and Problem Solving

1. Collect, identify, interpret and analyze data.

IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information*)

1. Historical Perspective of Dentistry
2. Dental Team Members Roles and Education
3. Nomenclature of the Dentitions and Eruption Dates
4. Cavity Classifications and Dental Charting
5. Basic Dental and Medical Emergencies
6. Basic Oral and Maxillofacial Pathology
7. Basic Pharmacology including pain control

V. INSTRUCTIONAL MATERIALS REQUIRED

A. Required Text(s):

Bird and Torres. *Modern Dental Assisting* (current edition). Saunders. (textbook)

Miller. *Infection Control and Management of Hazardous Materials for the Dental Team* (current edition). Mosby.

Stuhr. *Modern Dental Terminology Online* (current edition) Saunders (online-text).

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Lecture
2. Demonstration
3. Handout Materials
4. Class Participation/Presentations
5. Case Studies and Group Work
6. Power Point slides and videos
7. Activity worksheets
8. Engaged learning activities

VII. METHODS OF EVALUATION

A. Methods of evaluation typically include a combination of assignments, quizzes, exam, projects, skill checkoffs, etc. For grading expectations, please see the course information document.

STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
		F	Below 60

VIII. SPECIFIC COURSE REQUIREMENTS

A. ATTENDANCE

Attendance is crucial to the success of this course. Any class missed could mean valuable missed information, which is difficult to obtain. Please notify the instructor of any pending absences or if you will be late prior scheduled time. See program handbook for all program policies.

Please see course information document for course policies related to grading, expectations, assignments, assessments, and participation.