

SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
Dental Assisting Program
Created Date: 11/25

I. CATALOG DESCRIPTION

Course Number: DENT 1117
Course Title: Basic Principles and Techniques
Prerequisite(s): Accepted into the Dental Assisting Program

Catalog Description: This course covers basic competencies learned as a dental assistant: PPE, hand hygiene, universal precautions, preparation and decontamination of a dental treatment area, patient care, equipment and instrument identification, high velocity evacuation, four-handed instrument exchange, occupational exposure protocol techniques, vitals and patient documentation, and other various skills.

Credit Hours: 2.5
Class Hours: 15
Lab Hours: 68
Total Contact Hours: 83

II. COURSE OBJECTIVES: *Course will:*

1. Practice legal and ethical duties of a dental assistant while utilizing standard precautions.
2. Introduce professional attire and dental terminology.
3. Introduce universal precautionary practices and personal protective equipment
4. Introduce preparation and decontamination of the dental operatory
5. Introduce basic chairside patient care techniques.
6. Assist with gathering and recording medical data.

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. Consistently demonstrate professional attire, appearance, and use of appropriate professional terminology.
2. Select appropriate personal protective equipment and apply universal precautionary practices.
3. Demonstrate decontamination and preparation of a dental treatment room.
4. Demonstrate the use of the evacuation and air/water syringe while retracting oral tissues and exchanging instruments.
5. Understand basic concepts of microbiology relating to a dental setting.
6. Consistently demonstrate patient data gathering and administration of vital signs.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking and Problem Solving

Outcomes: Collect, identify, interpret, and analyze data.

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

A. Patient care

1. Hand Hygiene and Personal Protective Equipment (PPE)
2. Dental Equipment and Operatory Preparation
3. Infection Control Standards and Operatory Decontamination
4. Instrument Recirculation:
 - Precleaning/Packaging items
 - Sterilization/Disinfection items
 - Handling Processed or Clean items
5. Positioning of the Dental Team and Seating/Dismissal of Patient
6. Administration of Vital Signs, Patient Data Gathering, Medical and Dental Emergency
7. High Velocity Evacuation, Retraction, and Clear Field of Operation
8. Instrument exchange

V. INSTRUCTIONAL MATERIALS REQUIRED

A. Required Text(s):

Bird and Torres. Modern Dental Assisting (latest ed). Saunders. (textbook)

Miller. Infection Control and Management of Hazardous Materials for the Dental Team (latest ed). Mosby

Bartdomucci, B. Dental Instrument Pocket Guide (latest ed). Saunders.

Stuhr. Modern Dental Terminology Online (latest ed) 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. PowerPoint 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, exams, projects, skill checkoffs, etc. For grading expectations, please see the course information document.

SCC 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 information missed, which is difficult to obtain. Please notify the instructor of any pending absences or if you will be late prior to the scheduled time. See the Program Handbook for all program policies.

Please see the course information document for course policies related to grading, expectations,

assignments, assessments, and participation.