

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: DAST 201 Department: Dental Assistant

Course Title: Dental Sciences 2 Semester: Spring Year: 1998

Objectives/Competencies

Course Objective	Competencies
<ol style="list-style-type: none">1. Identify the various disease entities that can influence the dental treatment of the medically compromised patient.2. State the role of the dental auxiliary with medical emergencies that can occur within the dental practice.3. Demonstrate skills that apply to procedures utilized for Cardiopulmonary Resuscitation and Artificial Ventilation.4. List life threatening emergencies and identify the classifications of cardiac and non-cardiac conditions which require medical care during an emergency.5. Determine the value of the medical history, physical examination and dialogue as a preventive measure to reduce acute medical emergencies in the dental office.6. Demonstrate skill and knowledge in recording blood pressure, pulse rate, respiration and temperature.7. Identify the importance of effectively managing team emergency care training during life threatening situations.8. List and identify emergency drugs and equipment available to dental offices for emergency care management of a	<ol style="list-style-type: none">1. Interpret obtained facts through review, identification, definition and explanation.

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<p>patient.</p> <p>9. Identify drug related emergencies that require diagnosis and appropriate therapy.</p> <p>10. Discuss various pharmacological agents utilized in emergency care treatment of the dental patient.</p> <p>11. State the factors that standardize the administration of local and general anesthesia in the dental office.</p> <p>12. List the clinical signs and symptoms of drug overdose reactions.</p> <p>13. Identify the terms associated with drug effects and pharmacological agents.</p> <p>14. Differentiate between normal and abnormal tooth structure.</p> <p>15. Describe the major pathological conditions seen in the mouth.</p> <p>16. Recognize the symptoms of injury, inflammation and repair.</p> <p>17. Discuss the various tissue changes occurring from systemic and/or pathological conditions.</p> <p>18. Recognize certain pathological conditions which may occur in the patient's oral cavity as a result of physical or chemical injuries.</p> <p>19. Recognize disease entities, their causes and effects.</p> <p>20. Recall the theory of neoplasms.</p> <p>21. Describe the seven warning signs of cancer.</p> <p>22. Describe the seven ways of preventing oral cancer.</p> <p>23. Describe the degenerative disease of the oral tissue.</p>	

Course Objective	Competencies
<p>24. Educate the patient in oral health care, keeping in mind that specific birth defects cause different manifestations to occur in the oral cavity.</p> <p>25. Educate the patient in oral health care, keeping in mind that specific systemic diseases cause different manifestations to occur in the oral cavity.</p> <p>26. Formulate suggestions for counseling patients with special needs and/or problems.</p>	