

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

**ACADEMIC AFFAIRS**

Course Number: DAST 201 Department: Dental Assistant

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

**Objectives/Competencies**

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

Course Objective	Competencies
<p>patient.</p> <ol style="list-style-type: none"> <li>9. Identify drug related emergencies that require diagnosis and appropriate therapy.</li> <li>10. Discuss various pharmacological agents utilized in emergency care treatment of the dental patient.</li> <li>11. State the factors that standardize the administration of local and general anesthesia in the dental office.</li> <li>12. List the clinical signs and symptoms of drug overdose reactions.</li> <li>13. Identify the terms associated with drug effects and pharmacological agents.</li> <li>14. Differentiate between normal and abnormal tooth structure.</li> <li>15. Describe the major pathological conditions seen in the mouth.</li> <li>16. Recognize the symptoms of injury, inflammation and repair.</li> <li>17. Discuss the various tissue changes occurring from systemic and/or pathological conditions.</li> <li>18. Recognize certain pathological conditions which may occur in the patient's oral cavity as a result of physical or chemical injuries.</li> <li>19. Recognize disease entities, their causes and effects.</li> <li>20. Recall the theory of neoplasms.</li> <li>21. Describe the seven warning signs of cancer.</li> <li>22. Describe the seven ways of preventing oral cancer.</li> <li>23. Describe the degenerative disease of the oral tissue.</li> </ol>	

<b>Course Objective</b>	<b>Competencies</b>
<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>	