



South Central College

## DA 1823 Dental Science II

### Course Outcome Summary

#### Course Information

<b>Description</b>	This course is designed to provide basic knowledge in oral pathology and pharmacology. Emphasis will be placed on methods of application, classifications and usage of knowledge in clinical settings. (Prerequisites: DA 1811, DA 1812)
<b>Total Credits</b>	2
<b>Total Hours</b>	32

#### Types of Instruction

Instruction Type	Credits/Hours
Classroom lecture	2/32

#### Pre/Corequisites

DA 1811 Dental Science I

DA 1812 Oral Anatomy

#### Institutional Core Competencies

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

#### Course Competencies

**1. Explain drug classifications, usage and sources**

**Learning Objectives**

- Define pharmacology/terminology
- Explain drug administration routes and forms
- Explain drug actions/interactions and dosage calculations
- Describe cardiovascular drugs/interactions
- Explain tobacco use/impact

**2. Define drug prescription parts and terminology**

**Learning Objectives**

- Explain controlled drug prescription guidelines
- Explain generic equivalence/drug substitutions
- Explain drug actions, interaction and dosages

**3. Identify narcotic & non-narcotic drugs**

**Learning Objectives**

Explain drug distribution/metabolism factors  
Describe coagulation agents/vasoconstrictors  
Explain antimicrobial drug principles  
Define antidepressant and anxiety drug usages

**4. Define oral pathology/terminology**

**Learning Objectives**

Describe immunologic disturbances  
Identify surface changes with correct terminology

**5. Identify oral lesions/types/causes**

**Learning Objectives**

Recognize oral lesions classifications  
Describe aging dysfunctions  
Recognize causes of oral lesions  
Describe treatments of oral lesions

**6. Identify gingival abnormalities**

**Learning Objectives**

Describe disease of oral soft tissues  
Identify stomatitis/infections  
Describe dental tissue abnormalities and treatments  
Identify dental tissue abnormalities  
Describe oral cancer/treatments

**7. Describe surface changes/terminology**

**Learning Objectives**

Describe trauma/treatments  
Identify trauma  
Explain sexually transmitted disease  
Describe inflammation and healing

**8. Identify drug regulatory agencies**

**Learning Objectives**

Describe federal government drug agencies  
Explain drug schedules  
List drug classifications

**9. Summarize drugs used in Dentistry**

**Learning Objectives**

Explain fungal drugs  
Discuss local anesthetics  
Describe opioids and non-opioid drugs

**10. Indicate drugs used with dental-related infections**

**Learning Objectives**

Describe anti-infective drugs  
List agents commonly used to treat oral lesions  
Detail drug induced oral side effects

**SCC Accessibility Statement**

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request

and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: [www.southcentral.edu/disability](http://www.southcentral.edu/disability)

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