Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT.  DEN  COURSE NUMBER: 1130

NUMBER OF CREDITS: __4___ Lecture: __3___  Lab: __1___

<table>
<thead>
<tr>
<th>Course Title:</th>
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<tr>
<td>Preclinical Dental Assisting</td>
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<tr>
<th>Catalog Description:</th>
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<td>This course will allow the students to recognize microorganisms, how they live, cause disease, spread disease and how humans protect themselves from microorganisms. Special emphasis will be placed on microorganisms that are most dangerous to health care workers. The course will also include infection control and hazardous materials principles and regulations. Additionally, the course will assist the student in understanding pharmacology as it relates to dental procedures. The students will also be prepared to recognize and assist with medical emergencies that may occur in the dental office.</td>
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FULFILLS MN TRANSFER CURRICULUM AREA(S)
Goal 1: Communication: ____ by meeting the following competencies:

Goal 2: Critical Thinking: ____ by meeting the following competencies:

Goal 3: Natural Sciences: ____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:

Goal 7: Human Diversity: ____ by meeting the following competencies:

Goal 8: Global Perspective: ____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:

Goal 10: People and the Environment: ____ by meeting the following competencies:
Prerequisites or Necessary Entry Skills/Knowledge:

Students must meet one of the following placement measures:

- A score of 50 - 77 on test ACCUPLACER Classic Reading Comprehension
- A score of 233 - 249 on test ACCUPLACER Next-Gen Reading Comprehension
- A score of 16 - 17 on test ACT English
- A score of 14 - 20 on test ACT Reading
- ENGL 0090 – Essentials of Writing I

Topics to be Covered

1. Microbiology
2. Disease transmission
3. Immunity
4. Diseases of concern in the dental office
5. Infection Control
6. OSHA regulations
7. Ergonomics
8. Vital signs
9. Medical emergencies
10. Pharmacology

Student Learning Outcomes

1. Identify specific microorganisms that are of particular concern to health care workers
2. Identify potential sources and routes of disease transmission
3. Describe the body’s immune response to infection
4. Explain the characteristics of hazardous wastes and its safe handling, storage, and disposal.
5. Demonstrate proper hand hygiene
6. Demonstrate PPE placement and removal
7. Demonstrate infection control principles
8. Demonstrate appropriate ergonomic principles
9. Take and interpret vital signs
10. Recognize and respond to medical emergencies
11. Describe the principles of pharmacology as they relate to dentistry

Is this course part of a transfer pathway: Yes ☐ No ☒

Revised 4/2020