

Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Health Sciences: Allied Health

Submitter

First Name: Maria
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Course Prefix and Number: DA - 125

Credits: 2

Contact hours

Lecture (# of hours): 22
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 22

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Dental Infection Control

Course Description:

This course covers the introduction and general study of microbiology, major groups of microorganisms, viral and bacterial diseases. Disease transmission, infection prevention, disinfection and instrument processing techniques will also be covered. An in-depth level of the Bloodborne Pathogens Standards and Hazard Communication will be taught and integrated throughout the didactic, preclinical, laboratory and clinical course of study.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Dental Assistant Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: None

Requirements: Admission into the Dental Assistant program. Instructor consent.

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F Only

Audit: No

When do you plan to offer this course?

✓ Fall

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. list the major groups of microorganism,
2. identify the blood-borne pathogens of concern in dentistry,
3. identify the rational, regulations, recommendations, and training that govern infection control in the dental office;
4. identify the most common route of contamination,
5. explain the purpose of OSHA's Bloodborne Pathogens Standard,
6. discuss the roles and responsibilities of the CDC and OSHA infection control,
7. restate the guidelines for managing contaminated sharps and preventing needle sticks,
8. explain proper hand hygiene,
9. discuss the types of PPE needed for dental assistants,
10. distinguish between regulated and non-regulated waste,
11. identify chemical products used for intermediate-level and low-level surface disinfection and explain the advantages and disadvantages of of each,
12. differentiate between clinical contact surface and housekeeping surfaces,
13. describe the CDC guidelines for disinfecting clinical contact surfaces,
14. discuss the seven steps involved in processing dental instruments,
15. restate the CDC guidelines for receiving, cleaning and decontamination procedures;
16. restate the CDC guidelines for preparation and packaging of instruments,
17. restate the CDC guidelines for sterilization of unwrapped instruments,
18. explain the purpose of the OSHA Hazard Communication Standard,
19. describe the five parts of a Hazard Communication program,
20. restate the CDC recommendations for Dental Unit Waterline's biofilm, and water quality.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Microbiology
 - a. pioneers in microbiology
 - b. major groups of microorganisms
 - c. viral and bacterial diseases
 - d. diseases of major concern to the dental assistant
 - e. how the body resist disease
2. Disease transmission
 - a. chain of infection
 - b. types of infections
 - c. modes of transmission
 - d. the immune system
3. Disinfection
 - a. environmental infection control
4. Instrument processing and sterilization
5. Bloodborne Pathogen Standards
6. Hazard Communications

- 7. Regulatory and advisory agencies
- 8. Chemical waste management
 - a. hazardous chemicals
 - b. hazard communication program
 - c. dental office waste management
- 9. Dental unit waterlines

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Specify term: Fall 2017
