

## 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 - 135

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**# 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.

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**Course Title:** Pharmacology/Medical Emergencies

##### Course Description:

This course is an introduction to pharmacology, common drugs used in dentistry, drug agencies, regulations, and drug actions. The properties of anesthetic, topical anesthetics, and desensitizing agents will also be covered. An in-depth level knowledge of the identification, response and management of medical and dental emergencies in the dental office will be taught utilizing educational manikin simulators.

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**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 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?**

**No**

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?

✓ **Spring**

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. assist with and/or apply topical anesthetic and desensitizing agents,
2. identify drug requirements, agencies, and regulations;
3. identify the parts of a written prescription,
4. identify commonly prescribed drugs used in dentistry and medicine,
5. explain drug action, side effects indications and contraindications;
6. discuss the properties of anesthetics,
7. identify and respond (in-depth) to medical emergencies,
8. identify common signs and symptoms (in-depth) of medical and dental emergencies,
9. demonstrate management of dental and medical emergencies in the dental office, utilizing educational manikin simulators.

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***This course does not include assessable General Education outcomes.***

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**Major Topic Outline:**

1. Pharmacology.
  - a. DEA.
  - b. Controlled substance act.
2. Emergency management.
  - a. Causes, signs and treatment of emergencies.
  - b. Management of medical and dental emergencies.
3. Management of pain and anxiety.
  - a. Topical anesthetics.
  - b. Local anesthetics.
  - c. Nitrous oxide sedation.

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

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

Percent of course: 0%

First term to be offered:

**Specify term:** Spring 2018

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