

## Clackamas Community College

### Online Course/Outline Submission System

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#### Section #1 General Course Information

**Department:** Health Sciences Department: Allied Health

**Submitter**

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**Course Prefix and Number:** MA - 116

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**# Credits:** 4

**Contact hours**

Lecture (# of hours): 44

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 44

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:** Introduction to Medications

**Course Description:**

Introduces the medical assistant student to the foundational concepts and principles of pharmacology; including the classifications of common medications including: indications for use, desired effect, side effect, adverse effects, and patient education. Related pathophysiology will be discussed.

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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):** Medical Assistant Certificate

Are there prerequisites to this course?

**Yes**

**Pre-reqs:** BI-120, MA-110, MA-112, and MA-145

**Have you consulted with the appropriate chair if the pre-req is in another program?**

**No**

Are there corequisites to this course?

**Yes**

**Co-reqs:** MTH-054, MA-117, MA-117L, MA-118, and MA-118L

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

**Yes**

**Recommendations:**

**Requirements:** Must be in current MA cohort. 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: Yes**

When do you plan to offer this course?

✓ **Winter**

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. Identify the classifications of medication including: indications for use, desired effects, side effects, and adverse reactions.
2. Verify the rules of medication administration as they apply to oral or parenteral drug administration
3. Identify common disease processes as related to common drug groups
4. Identify common medication names by trade and generic name
5. Demonstrate appropriate patient education related to the medication prescribed

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

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Major Topic Outline:

- 1.Principles of drug actions
  - a. Identify the classifications of medication including:
    - i. Indications for use
    - ii. Desired effects
    - iii. Side effects

- iv. Adverse reactions
- v. Patient education
- 2. Medication therapy
- 3. Antiinfectives
  - a. Antibiotics
  - b. Antifungals
  - c. Antivirals
- 4. Drugs for and common diseases of the gastrointestinal system
- 5. Drugs for and common diseases of the respiratory system
- 6. Drugs for and common diseases of the cardiovascular system
- 7. Drugs for and common diseases of the urinary system and fluid balance
- 8. Drugs for and common diseases of the endocrine system
- 9. Drugs for and common diseases of the nervous system
- 10. Drugs for the pediatric patient

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:** winter 2017

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