

## Clackamas Community College

### Online Course/Outline Submission System

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#### Section #1 General Course Information

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

**Submitter**

First Name: Karen

Last Name: Maynard

Phone: 0695

Email: kmaynard

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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. Nutrition, the function of dietary supplements and special dietary needs are also 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:** MA-110, BI-120, MA-112, 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:** MA-117, MA-117L, MA-118, MA-118L, MTH-054

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

**Yes**

**Recommendations:**

**Requirements:** Student must be admitted to current MA cohort. Student may not take this course out of sequence with other MA courses. Instructors' consent required.

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. define common pharmacological terminology,
2. identify common disease processes as related to common drug groups,
3. describe medication classifications based on effects on body systems,
4. identify common medication names by both the trade and generic name,
5. describe the role nutrition plays in health maintenance and disease prevention,
6. demonstrate knowledge in the area of patient education appropriate 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. Principle 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. Nutrition
  - a. Health maintenance
  - b. Disease prevention
  - c. Dietary nutrients and the function of dietary supplements
  - d. Identify and coach patient's with special dietary needs
- i. Weight control
- ii. Diabetes
- iii. Cardiovascular disease
- iv. Hypertension
- v. Cancer
- vi. Lactose intolerance
- vii. Gluten free / Celiac disease
- viii. Food allergies
- 4. Antiinfectives
  - a. Antibiotics
  - b. Antifungals
  - c. Antivirals
- 5. Drugs for and common diseases of the gastrointestinal system
- 6. Drugs for and common diseases of the respiratory system
- 7. Drugs for and common diseases of the cardiovascular system
- 8. Drugs for and common diseases of the urinary system and fluid balance
- 9. Drugs for and common diseases of the endocrine system
- 10. Drugs for and common diseases of the nervous system
- 11. Psychotropic medications

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:

**Next available term after approval**

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