

# Washtenaw Community College Comprehensive Report

## HIT 161 Pathopharmacology for the HIT Professional Conditional Approval Effective Term: Winter 2015

### Course Cover

**Division:** Business and Computer Technologies

**Department:** Business Office Systems

**Discipline:** Health Information Technology

**Course Number:** 161

**Org Number:** 13300

**Full Course Title:** Pathopharmacology for the HIT Professional

**Transcript Title:** Pathopharmacology for the HIT

**Is Consultation with other department(s) required:** No

**Publish in the Following:** College Catalog , Time Schedule , Web Page

**Reason for Submission:** New Course

#### **Change Information:**

**Rationale:** This course will replace CMC 121 in the CTMBC program. The CMC course does not meet the curriculum requirements for the billing and coding program, per Sherry Bishop the course designer. The medical assistant courses have all been changed to meet the needs of the medical assisting program.

**Proposed Start Semester:** Winter 2015

**Course Description:** In this course, students will study pathophysiology and pharmacology content. This course places emphasis on the disease processes affecting the human body via an integrated approach to specific disease entities, including the study of causes, diagnosis and treatment of disease. The course also emphasizes understanding of the action of drugs, including the absorption, distribution, metabolism and excretion of drugs by the body.

### Course Credit Hours

**Variable hours:** No

**Credits:** 3

**Lecture Hours: Instructor:** 45 **Student:** 45

**Lab: Instructor:** 0 **Student:** 0

**Clinical: Instructor:** 0 **Student:** 0

**Total Contact Hours: Instructor:** 45 **Student:** 45

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

Audit

**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

### College-Level Reading and Writing

College-level Reading & Writing

### College-Level Math

#### Requisites

##### **Prerequisite**

BIO 109 minimum grade "C"

or

##### **Prerequisite**

BIO 111 minimum grade "C"

and

**Prerequisite**

HSC 124 minimum grade "C"

or

**Prerequisite**

Completion of HIT 101 (inactive course) with a minimum grade of "C"

**General Education**

**Request Course Transfer**

Proposed For:

**Student Learning Outcomes**

1. Apply pathophysiology principles.

**Assessment 1**

**Assessment Tool:** Department Tests

**Assessment Date:** Winter 2018

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** All sections.

**Number students to be assessed:** All students.

**How the assessment will be scored:** Department Key.

**Standard of success to be used for this assessment:** 75% of students will score 75% or higher on the departmental tests.

**Who will score and analyze the data:** Department faculty.

2. Apply pharmacology principles.

**Course Objectives**

1. Identify drugs used to treat different body systems.

**Matched Outcomes**

2. Describe drug action and method of administration.

**Matched Outcomes**

3. Utilize research and resources to describe the pathophysiology of diseases.

**Matched Outcomes**

4. Describe treatment methods including drugs, surgery, and other treatment options.

**Matched Outcomes**

5. Explain the effect pharmaceuticals have on the process of disease.

**Matched Outcomes**

6. Differentiate the differences between brand name and generic drugs.

**Matched Outcomes**

7. Identify principles of pharmaceutical legislation.

**Matched Outcomes**

8. Apply knowledge from anatomy and physiology and medical terminology to identify differences from homeostasis that occur in the diseased body.

**Matched Outcomes**

9. Analyze disease risk.

**Matched Outcomes**

10. Identify major classifications of pharmacotherapy.

**Matched Outcomes**

**New Resources for Course**

**Course Textbooks/Resources**

Textbooks

Manuals

Periodicals

Software

## Equipment/Facilities

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
<b>Faculty Preparer:</b> <i>Amy Loskowski</i>	<i>Faculty Preparer</i>	<i>Oct 09, 2014</i>
<b>Department Chair/Area Director:</b> <i>Joyce Jenkins</i>	<i>Recommend Approval</i>	<i>Oct 09, 2014</i>
<b>Dean:</b> <i>Kimberly Hurns</i>	<i>Request Conditional Approval</i>	<i>Oct 13, 2014</i>
<b>Vice President for Instruction:</b> <i>Bill Abernethy</i>	<i>Conditional Approval</i>	<i>Oct 15, 2014</i>