ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Nursing

COURSE: CMA1210 Pathophysiology

Date: Spring 2023

Credit Hours: 3

Complete all that apply or mark "None" where appropriate:

Prerequisite(s): This course is part of a Limited Admissions Program; registration in this course requires admission to the program and CMA 1200, CMA 1240, ALH 1001 with a C or better.

Enrollment by assessment or other measure? ☐ Yes ☒ No
If yes, please describe:

Corequisite(s): CMA1250

Pre- or Co-requisite(s): BIO1200 with a C or better

Consent of Instructor: ☐ Yes ☒ No

Delivery Method:	☒ **Lecture**	**3 Contact Hours (1 contact = 1 credit hour)**
	☐ **Seminar**	**0 Contact Hours (1 contact = 1 credit hour)**
	☐ **Lab**	**0 Contact Hours (2-3 contact = 1 credit hour)**
	☐ **Clinical**	**0 Contact Hours (3 contact = 1 credit hour)**

Offered: ☐ **Fall** ☒ **Spring** ☐ **Summer**

CATALOG DESCRIPTION and IAI NUMBER (if applicable):
This course will start by covering the Medical Assistants role in exams, pathophysiology and anatomy of each body system. Students will complete a course project in which they will choose a disease, create a patient education handout/pamphlet and finish with a class presentation on their chosen disease.

ACCREDITATION STATEMENTS AND COURSE NOTES:
Statement of Minimum Expectation: “To prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.”

COURSE TOPICS AND CONTENT REQUIREMENTS:
- Diseases of the Human Body
- Etiology of diseases
- Disease specialists
- Treatment/medications for diseases

INSTRUCTIONAL METHODS:
- Lecture
- Interactive Student Activities
- Videos and Podcasts
- Weekly Projects

EVALUATION OF STUDENT ACHIEVEMENT:
**Each student is required to pass all courses with a minimum of a 78% (or 2.0) overall in order to move on to the next term. Students are also required to pass all affective and psychomotor competencies in order to graduate the medical assisting program.

Competencies:
Students may attempt psychomotor or affective competencies three times. The first attempt will be graded. Please remember that students must pass all psychomotor and cognitive competencies in order to graduate from the MA program.

The assessment and grading of student performance in this course is based on the following activities:
- quizzes/pop quizzes
- exams
- homework assignments
- course project

Grading Scale
A= 93-100
B= 86-92
*C= 78-85
D= 70-77
F= Below 70

INSTRUCTIONAL MATERIALS:
Textbooks
Pearson's Comprehensive Medical Assisting: Administrative and Clinical Competencies, 5th Edition

Resources
None

LEARNING OUTCOMES AND GOALS:

Institutional Learning Outcomes

☒ 1) Communication – to communicate effectively;

☒ 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;

☒ 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;

☐ 4) Responsibility – to recognize how personal choices affect self and society.

Course Outcomes and Competencies

CONTENT AREA I – Anatomy, Physiology, & Pharmacology

Cognitive (Knowledge)

1. Identify structural organization of the human body
2. Identify body systems*
3. Identify:
    a. body planes
    b. directional terms
    c. quadrants
    d. body cavities
4. Identify major organs in each body system*
5. Identify the anatomical location of major organs in each body system*
6. Identify the structure and function of the human body across the life span
7. Identify the normal function of each body system*
8. Identify common pathology related to each body system* including:
    a. signs
    b. symptoms
    c. etiology
    d. diagnostic measures
    e. treatment modalities
10. Identify the classifications of medications including:
    a. indications for use
    b. desired effects
    c. side effects
    d. adverse reactions

*Body systems must include, but are not limited to, the following: Circulatory, Digestive, Endocrine, Integumentary, Lymphatic, Muscular, Nervous, Sensory, Reproductive, Respiratory, Skeletal, and Urinary.