

# EDISON STATE COLLEGE

Division of Health Professions

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## COMMON COURSE SYLLABUS

**PROFESSOR:**

**OFFICE LOCATION:**

**E-MAIL:**

**PHONE NUMBER:**

**OFFICE HOURS: MONDAYS**

**SEMESTER:**

**TUESDAYS**

**WEDNESDAYS**

**THURSDAYS**

**FRIDAYS**

**I. HIM1140 Essentials of Pharmacology – AS – 2 Credits**

This course will provide the student with a basic understanding of pharmacology. Information regarding drug classification, names, routes of administration, effects and references, and interpretation of the prescription will be studied.

- II. PREREQUISITES FOR THE COURSE:** HSC1531 Medical Terminology  
BSC1084C Anatomy and Physiology  
HIM1430 Principles of Disease

**CO-REQUISITES:** None

**III. GENERAL COURSE INFORMATION: Topic Outline**

- Unit I: Introduction
  - Consumer Safety and Drug Regulations
  - Drug Names and References
  - Sources and Bodily Effects of Drugs
  - Medication Preparations and Supplies
  - Abbreviations and Systems of Measurement
- Unit II: Drug Classifications
  - Vitamins, Minerals and Herbs
  - Skin Medications
  - Autonomic Nervous System Drugs
  - Anti-neoplastic Drugs
  - Urinary System Drugs
  - Gastrointestinal Drugs
  - Anti-infective Drugs
  - Eye Medications
  - Analgesics, Sedatives, and Hypnotics

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- Psychotropic Medications, Alcohol, and Drug Abuse
- Musculoskeletal and Anti-inflammatory Drugs
- Anticonvulsants, Antiparkinsonian Drugs, and Agents for Alzheimer's Disease
- Endocrine System Drugs
- Reproductive System Drugs
- Cardiovascular Drugs
- Respiratory System Drugs and Antihistamines
- Drugs and Older Adults

#### IV. LEARNING OUTCOMES AND ASSESSMENT:

##### **GENERAL EDUCATION COMPETENCIES:**

General education courses must meet at least four out of the five following outcomes. All other courses will meet one or more of these outcomes.

- *Communication (COM):* To communicate effectively using standard English (written or oral).
- *Critical Thinking (CT):* To demonstrate skills necessary for analysis, synthesis, and evaluation.
- *Technology/Information Management (TIM):* To demonstrate the skills and use the technology necessary to collect, verify, document, and organize information from a variety of sources.
- *Global Socio-cultural Responsibility (GSR):* To identify, describe, and apply responsibilities, core civic beliefs, and values present in a diverse society.
- *Scientific and Quantitative Reasoning (QR):* To identify and apply mathematical and scientific principles and methods.

##### **ADDITIONAL COURSE COMPETENCIES:**

At the conclusion of this course, students will be able to demonstrate the following additional competencies:

LEARNING OUTCOMES	ASSESSMENTS	GENERAL EDUCATION COMPETENCY
Explain what is meant by drug standards.	Student will be assessed by class presentation of case studies, worksheets, quiz questions, and final examination.	CT, COM, TIM
Differentiate among the following drug names: Generic name, Official name, Trade name, Chemical name.	Student will be assessed by class exercises, worksheets, StudyWare, and quiz questions.	CT, TIM

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Explain the four sources of drugs and the various bodily effects caused by drugs.	Student will be assessed by class exercises, worksheets, StudyWare, and quiz questions.	CT, TIM
Define drug forms and routes of administration.	Student will be assessed by class exercises, worksheets, StudyWare, and quiz questions.	CT, TIM
Identify common abbreviations and symbols used for medication orders.	Student will be assessed by class exercises, worksheets, StudyWare, and quiz questions.	CT, TIM
Compare and contrast the basic drug classifications and categories for each body system.	Student will be assessed by class exercises, worksheets, StudyWare, and quiz questions.	CT, COM
Discuss the use of drugs in other cultures.	Students will compose a short essay on a topic of interest related to cultural use of medicine.	COM, GSR, CT

### V. DISTRICT-WIDE POLICIES

#### **PROGRAMS FOR STUDENTS WITH DISABILITIES**

Edison State College, in accordance with the Americans with Disabilities Act and the college's guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus.

Lee Campus	Taeni Hall S-116A	(239) 489-9427
Charlotte Campus	Student Services SS-101	(941) 637-5626
Collier Campus	Admin. Bldg. A-116	(239) 732-3918
Hendry/Glades Ctr.	LaBelle H.S.	(863) 674-0408

### VI. REQUIREMENTS FOR THE STUDENTS:

### VII. ATTENDANCE POLICY:

### VIII. GRADING POLICY:

### IX. REQUIRED COURSE MATERIALS:

### X. RESERVED MATERIALS FOR THE COURSE:

### XI. CLAST COMPETENCIES INVOLVED IN THIS COURSE.

### XII. CLASS SCHEDULE:

### XIII. OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES: