



**West Los Angeles College
Allied Health Division
Medical Assisting Program
Human Diseases
Course Syllabus**

Prepared by Dr. Yervant Boghos

Course title:	Human Diseases
Course #:	HLTHOCC 054
Course units:	4
Instructor:	Dr. Yervant Boghos
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Office hours:	Tuesday 3:30pm—5:00pm Thursday 4:00pm----5:00pm (SC Room 104)
Prerequisite:	None
Text & Workbook:	Medical Assisting Foundation & Practice
Author:	M. S. Frazer, C. Malone & C. Morgan
Publisher:	Pearson

I. COURSE DESCRIPTION:

This course will cover the role of the Medical Assistant in specific medical practices. Basic anatomy, physiology and diseases of each human system would be discussed. Symptoms, diagnostic procedures, analysis and preventive measures of diseases and disorders in relation to major physiological systems would be explained. The systems discussed would be urinary, cardiovascular, pulmonary, EENT, immune, gastrointestinal, reproductive and nervous. In addition, the disciplines of oncology, pediatrics and obstetrics and gynecology would also be described.

II. COURSE OBJECTIVES:

Upon completion of this course the students will be able to:

1. Define and spell the key terms relating to the course topics.
2. Define abbreviations and medical terminology used in the topics.
3. Describe the medical assistant's role in each discipline.
4. Clarify varied law as they apply to healthcare.
5. Identify the anatomical structures of the body systems.
6. Demonstrate use of medical directional terminology.
7. Describe the basic anatomy and physiology of each body system.
8. Discuss the basics of cardiology and cardiac testing.
7. Describe the medical assistant's role pulmonology and pulmonary testing.
9. Describe the anatomy, physiology, diseases and diagnosis of eyes, ear, nose and throat.
10. Describe the basics of immunology and allergies
11. Identify the diseases and disorders of gastroenterology and nutrition

12. Discuss the physiology of female reproductive system, pregnancy and menopause
13. Explain gynecological diseases and treatment.
14. Describe physical development and emotional growth of a child.
15. Explain common pediatric diseases and disorders.
16. Describe the neurological system, disorders and diseases of neurological system.
17. Explain diagnostic procedures, treatment of cancer and emotional support of patients.

III. STUDENT LEARNING OUTCOMES: (SLO)

- Critical Thinking:

Analyze problem by differentiating fact from opinion, using evidence, and using sound reasoning to specify multiple solutions and their consequences.

- Communication:

Effectively communicate thought in a clear, well-organized manner to persuade, inform, and convey ideas in academic, work, family and community settings.

- Technical Competence:

Utilize the appropriate technology for informational, academic, personal, and professional needs..

Evaluate their affective behavior in the classroom, small groups and laboratories.

- Medical Ethics:

- a. Render services with respect for human dignity.
- b. Uphold the honor and high principles set forth by the AAMA.
- c. Respect patient confidentiality and continually improve knowledge & skills

IV. STUDENT LEARNING OUTCOME ASSESSMENT:

- Students will be evaluated on correctly identifying various body systems, understanding their basic function, and common diseases.
- Students will be evaluated on their ability to appropriately use medical terminology associated with body systems.
- Students will be evaluated according to written examinations, assignments and quizzes to confirm that the course objectives have been achieved.

V. METHODS OF INSTRUCTIONS:

- Lecture
- Videos. (Subject to change)
- Group discussion
- Assignments
- Project Presentation (1)
- Quizzes (5)

VI. CLASSROOM/LAB DRESS CODE AND GROOMING:

- Please refer to WLAC Allied Health Division Medical Assistant Handbook page 15 and 16.

VII. FOOD, DRINKS AND CELL PHONE POLICIES:

- Food and drinks are **NOT** allowed during the lecture.
- Cell phones and other communication devices are **NOT** allowed to use during the lecture and classroom activities.

VIII. ATTENDANCE, TARDINESS AND ABSENCES POLICIES:

- Attendance is mandatory and required at all sessions.
- Be in the classroom on time.
- Unexcused absences, tardiness or left early will be handled with the WLAC Policy.

IX. ACADEMIC DISHONESTY:

- Please refer to WLAC Allied Health Division Medical Assistant Handbook page 13.

X. GRADING AND EVALUATION:

- The grade in this course will be based upon:
 - a. Assignment (5 x 10 points) 50 points (10 points each)
 - b. Quizzes (5 x 20 points) 100 points (20 points each)
 - c. Final exam 50 points

- The maximum is 200 points =100%

90%-----100% = (180---200 points) is A = Excellent

80%-----89% = (160---179 points) is B = Good

70%-----79% = (140---159 points) is C = Average

60%-----69% = (120---139 points) is D =

50%-----59% = (100---119 points) is F =

Below 140 points or 69% and less is non-passing grade.

Note: There are **NO** make-up Quizzes or Tests.

Extra credit: *15 points for additional assignment. (Project Presentation)*

XI. COURSE OUTLINE AND SCHEDULE

Week	Day/Date	Time	Lecture Topics and activities	Assignment (Workbook)
1	Tuesday Aug.27.13	5:10pm--6:40pm	I. Entrance test II. Introduction to syllabus	Read chapter 35 (Textbook)
	Thursday Aug.29.13	5:10pm--6:40pm	Cardiovascular System- Chapter 35 -Key Terminology	Answer questions on Page 342 & 343
	Saturday Aug.31.13	8:00am--8:50am	The Anatomy and Physiology of the heart- page 732	Answer questions on Page 344 & 346
2	Tuesday Sep.3.13	5:10pm--6:40pm	I. Diseases and disorders of the heart. page735 II. Group Discussion II. Critical Thinking	Answer questions on Page 347—349 Critical Thinking
	Thursday Sep.5.13	5:10pm--6:40pm	Pulmonary and Pulmonary Testing. Chapter 36 -Key Terminology -The Anatomy and Physiology of the Pulmonary System	Answer questions on Page 359--361
	Saturday Sep.7.13	8:00am--8:50am	I. Diseases and disorders of the Pulmonary System II. Group Discussion	Answer questions on Page 362--363
3	Tuesday Sep.10.13	5:10pm--6:40pm	I. Quiz # 1 (chapters 35 and 36) II .Group Discussion / Project presentation	I. Quiz # 1 II. Turn in Assig. # 1
	Thursday Sep.12.13	5:10pm--6:40pm	II .EENT Chapter 37 -Key Terminology	Answer questions on Page 365
	Saturday Sep.14.13	8:00am--8:50am	The Anatomy and Physiology of the Eye	Answer questions on Page 369--370
4	Tuesday Sep.17.13	5:10pm--6:40pm	Diseases and disorders of the Eye	
	Thursday Sep.19.13	5:10pm--6:40pm	I. The Anatomy and Physiology of the Ear II. Diseases and Disorders of the Ear	Answer questions on Page 371
	Saturday Sep.21.13	8:00am--8:50am	Project Presentation	Critical Thinking
5	Tuesday Sep.24.13	5:10pm--6:40pm	I. The Anatomy and Physiology of the Nose and Throat II. Diseases and disorders of the Nose and Throat	Answer questions on Page 372 & 373
	Thursday Sep.26.13	5:10pm--6:40pm	I. Immunology and Allergy. Chapter 38 -Key Terminology	
	Saturday Sep.28.13	8:00am--8:50am	Diseases and Disorders of the Immune system	Answer questions on Page 380--382

6	Tuesday Oct.01.13	5:10pm--6:40pm	I. Quiz # 2 (chapters 37 & 38) II. Dermatology. Chapter 39 -Key Terminology	I. Quiz # 2 II. Turn in Assig. # 2
	Thursday Oct.03.13	5:10pm--6:40pm	I. The Anatomy and Physiology of the Skin II. Diseases and Disorders of the Skin	Answer questions on Page 389--393
	Saturday Oct.05.13	8:00am--8:50am	Endocrinology. Chapter 40	Answer questions on Page 399--404
7	Tuesday Oct.08.13	5:10pm--6:40pm	Digestive System /GI. And Nutrition. Chapter 42 -Key Terminology	Answer questions on Page 427-429
	Thursday Oct.10.13	5:10pm--6:40pm	The Anatomy and Physiology of the GI System	Answer questions on Page 430--432
	Saturday Oct.12.13	8:00am--8:50am	Diseases and Disorders of the GI System	Answer questions on Page 433-434
8	Tuesday Oct.15.13	5:10pm--6:40pm	I. Quiz # 3 (chapters 39 , 40 & 42) II. Orthopedic and Physical Therapy. Chapter 43 -Key Terminology	I. Quiz # 3 II. Turn in Assig. # 3
	Thursday Oct.17.13	5:10pm--6:40pm	The Anatomy and Physiology of the Musculoskeletal System	Answer questions on Page 442 & 443
	Saturday Oct.19.13	8:00am--8:50am	Common Musculoskeletal Diseases and Disorders	Answer questions on Page 444--446
9	Tuesday Oct.22.13	5:10pm--6:40pm	Neurology. Chapter 46 -Key Terminology	Answer questions on Page 476 & 477
	Thursday Oct.24.13	5:10pm--6:40pm	The Anatomy and Physiology of the Nervous System	Answer questions on Page 478--480
	Saturday Oct.26.13	8:00am--8:50am	Diseases and Disorders of the Nervous System	Answer questions on Page 481--484
10	Tuesday Oct.29.13	5:10pm--6:40pm	I. Quiz # 4(chapters 43 & 46) II. Reproductive System. Chapter 44	I. Quiz # 4 II. Turn in Assig. # 4
	Thursday Oct.31.13	5:10pm--6:40pm	The Anatomy and Physiology of the Female Reproductive System	Answer questions on Page 453 & 455
	Saturday Nov.02.13	8:00am--8:50am	I. Menstrual Cycle II. Menstrual Disorders. page 990	
11	Tuesday Nov.05.13	5:10pm--6:40pm	I. Contraception II. Infertility	Answer questions on Page 456 & 457
	Thursday Nov.07.13	5:10pm--6:40pm	I. Pregnancy and Birth Process II. Video (subject to change)	
	Saturday Nov.09.13	8:00am--8:50am	I. Complications of Pregnancy II. Group Discussion	Answer questions on Page 453 & 459
12	Tuesday Nov.12.13	5:10pm--6:40pm	Gynecological Diseases and Disorders	Critical Thinking Page 463
	Thursday Nov.14.13	5:10pm--6:40pm	Male Reproductive System. Chapter 33 page 701 -Anatomy and Physiology	Answer questions on Page 326
	Saturday Nov.16.13	8:00am--8:50am	Diseases and Disorders of the prostate Gland. Page 705	

13	Tuesday Nov.19.13	5:10pm--6:40pm	Male Reproductive Disorders	
	Thursday Nov.21.13	5:10pm--6:40pm	I. Sexually Transmitted Diseases in Male II. Group Discussion	Critical Thinking
	Saturday Nov.23.13	8:00am--8:50am	Pediatrics. Chapter 45 -Key Terminology	Answer questions on Page 466 &467
14	Tuesday Nov.26.13	5:10pm--6:40pm	Normal or Expected Child Development. Page 1013	Answer questions on Page 468--470
	Thursday Nov.28.13	Thanksgiving Holiday		
	Saturday Nov.30.13			
15	Tuesday Dec.03.13	5:10pm--6:40pm	I. Quiz # 5 (Chapters 33 and 44) II. Routine Visits/ Well- Child Visit Schedule III. Measuring Growth and Immunizations	I. Quiz # 5 II. Turn in Assig. # 5
	Thursday Dec.05.13	5:10pm--6:40pm	I. Common Pediatric Diseases and disorders II. Project Presentation	Critical Thinking Page 473
	Saturday Dec.07.13	8:00am--8:50am	I. Common Preventive Contagious Diseases II. Group Discussion	Review
16	Tuesday Dec.10.13	5:10pm--6:40pm	I. Project Presentation II. Group Discussion II. Review	Review
	Thursday Dec.12.13	5:10pm--6:40pm	I. Project Presentation II. Group Discussion II. Review for the Final Exam	Q & A
	Saturday Dec.14.13	8:00am--8:50am	Final Exam	Final Exam
This Syllabus is Subject to Revision				