



# CENTRAL LUZON DOCTORS' HOSPITAL EDUCATIONAL INSTITUTION, INC.

San Pablo, Tarlac City  
Tel. Nos. 982-2745 / 982-5019 / 982-2052

CMO NO. 14, s., 2006

**FOUR-YEAR CURRICULUM IN BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY  
REVISED EFFECTIVE AY 2008-2009**

## FIRST YEAR

### First Semester

Course Code	Course Description	Units	Lec Hrs.	Lab Hrs.	Pre-requisite
Engl 1	Communication Skills	3	3		
Fil 1	Komunikasyon sa Akademikong Filipino	3	3		
Math 1	College Algebra	3	3		
Chem 1	General and Inorganic Chemistry	5	3	6	
Soc Sci 1	General Psychology	3	3		
Bio Sci 1	General Zoology	5	3	6	
Euth 1	Values Education and Career Orientation	1	1		
P E 1	Gymnastics	2	2		
NSTP 1	Civic Welfare Training Service 1	3	3		
Total		<b>28</b>			

### Second Semester

Engl 2	Communication Skills	3	3		Engl 1
Fil 2	Pagbasa at Pagsulat tungo sa Pananaliksik	3	3		Fil 1
Math 2	Plane Trigonometry	3	3		Math 1
Chem 2a	Organic Chemistry	5	3	6	Chem 1
Intro MT	Introduction to Medical Technology w/ STS	3	3		
P E 2	Rhythmic Activities	2	2		
NSTP 2	Civic Welfare Training Service	3	3		NSTP 1
Total		<b>22</b>			

## SECOND YEAR

### First Semester

Bio Sci 2	Human Anatomy and Physiology	5	3	6	Bio Sci 1
Phy Sc 1	General Physics	5	3	6	
Math 3	Biostatistics	3			Math 1
Chem 2b	Qualitative/Quantitative Chemistry	5	3	6	Chem 2a
Philo 1	Logic and Critical Thinking	3			
Soc Sci 2	Sociology and Anthropology	3			Soc Sci 1
P E 3	Individual, Dual Sports	2	2		
Total		<b>26</b>			

### Second Semester

Philo 2	Philosophy of Man	3	3		Philo 1
Engl 3	Effective and Technical Writing	3	3		Engl 2
HC	Community and Public Health	5	2	6	
Chem 3	Biochemistry	5	3	6	Chem 2b
Soc Sci 3	Health Economics w/ FLR	3	3		
Soc Sci 4	Philippine History, Government and Constitution	3	3		
Lit 1	Philippine Literature	3	3		
P E 4	Team Sports	2	2		
Total		<b>27</b>			

**REVISIONS NOTED**

JOHN WESLEY S. CALAGUI, RN, MT  
Curriculum Supervisor

Summer					
Philo 3	Health Ethics		3	3	
IT	Computer Education		3	2	3
Rizal	Life, Works and Writings		3	3	
			<b>9</b>		

### THIRD YEAR

#### First Semester

Course Code	Course Description	Units	Lec Hrs.	Lab Hrs.	Pre-requisite
MT LBE	Medical Technology Laws and Bio-Ethics	3	3		Intro MT
Micro 1	Bacteriology	5	3	6	Bio Sci 2
Hema 1	Hematology	4	3	3	Bio Sci 2; Chem
Histo	Histology	2	2		Bio Sci 2
Para	Parasitology	3	2	3	Bio Sci 2
CC 1	Pure Blood Chemistry	4	3	3	Bio Sci 2; Chem
MTLM	Laboratory Management	2	2		Intro MT
	Total	<b>23</b>			

#### Second Semester

Micro 2	Mycology and Virology	2	2		Micro 1
Cyto	Cytogenetics	2	2		Bio Sci 2; Chem
Pharma	Pharmacology	3	3		Bio Sci 2; Chem 3; Histo
IS	Immunology Serology	4	3	3	Philo 3
CC 2	Clinical Chemistry 2	3	2	3	CC 1
Hema 2	Hematology 2	3	2	3	Hema 1
Research 1	Research Methodology	3	3		Engl 3
	Total	<b>20</b>			

### FOURTH YEAR

#### First Semester

CC 3	Endocrinology, Toxicology and Drug Testing	2	2		CC 2
AUBF	Analysis of Urine and Other Body Fluids	3	2	3	Bio Sci 2; Chem 3; H
	Immunohematology (Blood Banking)	4	3	3	Cyto; Bio Sci 2
Gen Path	Histopathologic and Cytologic Techniques	3	2	3	Chem 3
Research 2	Thesis Writing	3	3		Research 1
Sem 1	Special Topics	3	3		All 3 <sup>rd</sup> yr. subject
	Total	<b>21</b>			

#### Second Semester

	Internship	18			All 1 <sup>st</sup> yr to 4 <sup>th</sup> y 1 <sup>st</sup> sem subjects
Sem 2	Seminar 2	3			All 1 <sup>st</sup> yr to 4 <sup>th</sup> y 1 <sup>st</sup> sem subjects
	Total	<b>21</b>			

#### BREAKDOWN OF INTERNSHIP AND SEMINAR IN 6 MONTHS

Clinical Chemistry	392 hours
Microbiology	258 hours
Hematology	228 hours
Clinical Microscopy	338 hours
Serology and Immunology	104 hours
Blood Banking	204 hours
Histopathologic Techniques and Cytology	208 hours
<b>TOTAL</b>	<b>1,732 hours</b>

#### NOTE:

- SARS, HIV/AIDS Prevention and Control Education, Responsible Parenthood and Population Management AND Anti-Smoking Education are integrated in Community and Public Health.
- Sexual Harassment, Drug Abuse, Solid Waste Management, Clear Air Act and Domestic Violence are integrated in NSTP 1.

**REMARKS/NOTES**