			C	ORE COURS	ES						
Course Code & Course		Theory Credits (Total	Practical Credits (Total	Teachin Per V	_	Th	eory Ma		ation Scheme	tical Ma	rks
		Hours) Hours)		Theory/ Tutorial Practical		U/E I/A Total		U/E	I/A	Total	
AH 101	ANATOMY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100
AH 102	PHYSIOLOGY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100
AH 103	BIOCHEMISTRY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100
AH 104	ENGLISH	3 (45)	-	3	-	60	40	100	-	-	-
		ABI	LITY ENHAN	ICEMENT EL	ECTIVE COU	JRSE			ı		<u>I</u>
AEEC 105	PRINCIPLES OF NURSING	2 (30)	2.5(75)	3	4	40	20	60	60	40	100
		•	CORE I	ELECTIVE CO	DURSES	•	•			•	
CEC 106	COMMUNICATION SKILLS*	2 (30)	-	2	-	60	40	100	-	-	-
CEC 107	COMPUTER RELATED TO MEDICAL CARE **	1(15)	1 (30)	1	2	40	20	60	60	40	100
	y credit = 15 classroom &/or experier Students have chosen all subjects for	_		1 practical c	redit = 30 prac	ctical trair	ning hour	rs	Total Cre Points	dit	25

SEMESTER II COMMON)
CORE COURSES

BSc (Cardiovascular Technology) SEMESTER III

		Theory Practical		Teachin	Examination Scheme						
	Course Code & Course	Credits	Credits	Per Week		Theory Marks			Practical Marks		
course course course		(Total Hours)	(Total Hours)	Theory/ Tut/ Sem	Practical	U/E	I/A	Total	U/E	I/A	Total
AH 201	MICROBIOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100
AH 202	PATHOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100
AH 203	PHARMACOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100
AH 204	COMMUNITY MEDICINE	2 (30)	2 (60)	2	4	40	20	60	60	40	100
		ABIL	ITY ENHANC	EMENT ELEC	TIVE COURSE						
AEEC 205	ENVIRONMENT STUDIES	3 (45)	-	3	-	60	40	100	-	-	-
		<u> </u>	CORE EI	LECTIVE COU	RSE						
CEC 206	HOSPITAL OPERATIONAL MANAGEMENT	2 (30)	2 (60)	2	4	40	20	60	60	40	100
		1	1	OR	1		l l		Ш	•	
CEC 207	INTRODUCTION TO QUALITY AND PATIENT SAFETY	2 (30)	2 (60)	2	4	40	20	60	60	40	100
1 theory	credit = 15 classroom &/or experiential learning	g hours	1 practical credit =	= 30 practical traini	ing hours				Total Cr Points	edit	23

			CORE	COURSE								
		Theory	Practical	Teaching	Hours			Examina	ination Scheme			
	Course Code & Course		Credits (Total Hours)	Per Week		Theory Marks			Practical Marks			
Source Gode & Source		(Total Hours)		Theory/T utorial	Practi cal	U/E	I/A	Total	U/E	I/A	Total	
CAVT 301	Review of anatomy and physiology of Cardiovascular System	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 302	Pharmacology related to cardiac technology	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 303	Clinical features and treatment of diseases pertinent to cardiac technology	3 (45)	3(90)	2	6	60	20	80	80	40	120	
CAVT 304	Medical electronics, biophysics use to cardiac technology	2 (30)	3(90)	2	6	60	20	80	80	40	120	
	·	ABILIT	Y ENHANCE	IENT ELEC	TIVE COL	JRSE						
CAVT/A EEC 305	Biostatistics and research methodology	2 (30)		2		60	40	100				
				OR								
CAVT/A EEC 306	Medical Records Managements	2 (30)		2		60	40	100				
1 theory c	redit = 15 classroom &/or experientia	l learning ho	urs	1 practical	credit = 30	practica	d training	g hours	Total Cr Points	edit	23	

		BSc (Card	iovascular T	echnology) SEMES	TER IV						
CORE COURSE												
		Theory	Practical	Teaching			E	Examina	ation Scheme			
	Course Code & Course	Credits (Total	Credits (Total	Per Week		Theory Marks			Practical Ma		arks	
		Hours)	Hours)	Theory/ Tutorial	Practi cal	U/E	I/A	Total	U/E	I/A	Total	
CAVT 401	Basic Electro Cardiography (ECG)	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 402	Basic Echocardiography (ECG)	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 403	Advanced Electro cardiography(ECG) - i	3 (45)	3(90)	2	6	60	20	80	80	40	120	
CAVT 404	Advanced electro cardiography(ECG) - ii	2 (30)	3(90)	2	6	60	20	80	80	40	120	
		ABILITY	ENHANCEM	ENT ELEC	TIVE CO	URSE						
CAVT/A EEC 405	Organization behavior	2 (30)		2		60	40	100				
				OR								
CAVT/A EEC 406	Pursuit of Inner self excellence	2 (30)		2		60	40	100				
1 theory of training h	credit = 15 classroom &/or experie ours	ntial learnin	g hours	1 pra	ctical cre	dit = 30 p	oractica	İ	Total C Points	redit	23	

BSc (Cardiovascular Technology) SEMESTER V

CORE COURSE

					_							
		Theory	Practical	Teaching	J Hours	Exan			ination Scheme			
Course Code & Course		Credits (Total	Credits (Total	Per Week		Theory Marks			Practical Marks			
		Hours)	Hours)	Theory/ Tutorial	Practi cal	U/E	I/A	Total	U/E	I/A	Total	
CAVL50 1	Cardiac Catheterization Laboratory Basic - I	3 (45)	3(90)	2	6	60	20	80	80	40	120	
CAVL 502	Cardiac Catheterization Laboratory Basic - II	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVL 503	Cardiac Catheterization Laboratory Advanced - I	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVL 504	Cardiac Catheterization Laboratory Advanced - II	2 (30)	3(90)	2	6	60	20	80	80	40	120	
		ABILI	TY ENHANCE	MENT ELE	CTIVE CO	OURSE						
CAVL/A EEC 505	Medical Bioethics	2 (30)		2		60	40	100				
				OR								
CAVL/A EEC 506	Human Rights Professional Values	2 (30)		2		60	40	100				
1 theory credit = 15 classroom &/or experiential learning hours 1 practical credit = 30 practical training hours Points 23										23		

BSc (Cardiovascular Technology) SEMESTER VI												
CORE COURSE												
		Theory	Practical	S Per Week		Examination Scheme						
(Course Code & Course	Credits (Total	Credits (Total			Theory Marks			Pra	arks		
		Hours) Hours) T		Theory/ Tutorial	Practi cal	U/E	I/A	Total	U/E	I/A	Total	
CAVT 601	Basic Life support	3 (45)	3(90)	2	6	60	20	80	80	40	120	
CAVT 602	Ambulatory ECG (holter) recording and ambulatory BP.	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 603	Treadmill exercise stress testing and 24 hour ambulatory ECG (holter) recording	2 (30)	3(90)	2	6	60	20	80	80	40	120	
CAVT 604	Echocardiography	2 (30)	3(90)	2	6	60	20	80	80	40	120	
ABILITY ENHANCEMENT ELECTIVE COURSE												
CAVT/A EEC 605	Project related to cardiovascular technologies	2 (30)		2		60	40	100				
1	credit = 15 classroom &/or experie training hours	ntial learnin	g hours	,	1	practica	al credit	= 30	Total Co Points	edit	23	