

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Bachelor of Science (Cardiac Care Technology) : 2022-23 onwards

Semester	Council Code (If any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	For ERP	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory		Theory (Internal)					Practical				Practical (Internal)					Overall Pass Marks	Scheme of Examinations (Theory+Internal) OR (Practical+Internal)				
													Max	Pass	Attendance	Midterm	Assignment	Professional Activities	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Project/Laboratory Work	Midterm	Conduct/Demonstration			Max	Pass		
I	--	05390101	Human Anatomy-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390102	Human Anatomy-I - Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05390103	Human Physiology-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390104	Human Physiology-I - Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05390105	Basic Biochemistry	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390106	Basic Biochemistry- Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05390107	Communication Skills & Personality Development	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390108	General Microbiology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
			General Microbiology-Practical	Practical	Core	Core	Separate			2	1	12									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
			Total Credit for Semester					15	5	8	24	288																						
II	--	05390203	Applied Biochemistry	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05390204	Applied Biochemistry- Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05390207	Pharmacology-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390208	Fundamentals of Computer Science	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390209	Human Anatomy-II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390210	Human Physiology-II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390211	Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390212	Pathology- Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
			Total Credit for Semester					18	6	8	28	336																						
III	--	05390301	Applied Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05390302	Applied Pathology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05390303	Pharmacology-II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390306	Environmental Science	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390308	Basics of Cardiac Care Tech.	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390309	Basics of Cardiac Care Tech. - Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
			Medical emergencies and Patient care	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
			Total Credit for Semester					15	5	8	24	288																						
IV	--	05390403	Basic Cardiac Evaluation	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05390404	Basic Cardiac Evaluation - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05390405	Coronary Angiography	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390406	Coronary Angiography - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05390409	Medical Disorder & Intensive Care	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390410	Medical Disorder & Intensive Care-Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
			Total Credit for Semester					9	3	12	18	216																						
V	--	05390501	Cardiac Evaluation	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05390502	Cardiac Evaluation - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05390507	Research Methodology & Biostatistics	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390508	Hospital Management & Medical Ethics	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390509	Cardiac Therapies	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05390510	Cardiac Therapies -Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
			Cardiac Care Technology Clinical	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	

