

Bachelor of Cardiac Care Technology Course for Session 2021 Onwards

Study Scheme of
Bachelor of Cardiac Care Technology

Batch 2021 Onwards

By

Board of Studies

**I K GUJRAL PUNJAB TECHNICAL UNIVERSITY
KAPURTHALA**

Bachelor of Cardiac Care Technology Course for Session 2021 Onwards

Semester		First (1 st)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical*	Studio (If Applicable)	Internal	External		
BCCT101-21	Allied Health Sciences	Core Theory	Basics of Anatomy-I	3	1	0	0	40	60	100	4
BCCT102-21	Allied Health Sciences	Core Theory	Basics of Physiology-I	3	1	0	0	40	60	100	4
BCCT103-21	Allied Health Sciences	Core Theory	Basics of Biochemistry-I	3	1	0	0	40	60	100	4
BCCT104-21	Allied Health Sciences	Core Practical/ Lab	Basics of Anatomy-I	0	0	4	0	60	40	100	2
BCCT105-21	Allied Health Sciences	Core Practical/ Lab	Basics of Physiology-I	0	0	4	0	60	40	100	2
BCCT106-21	Allied Health Sciences	Core Practical/ Lab	Basics of Biochemistry-I	0	0	4	0	60	40	100	2
BTHU-103-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	English	1	0	0	0	40	60	100	1
BTHU-104-18	Allied Health Sciences	Ability Enhancement Compulsory Course	English	0	0	2	0	30	20	50	1

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HVPE-101-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	Human Values, De-addiction & Traffic Rules	3	0	0	0	40	60	100	3
HVPE-102-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	Human Values, De-addiction & Traffic Rules (Lab/Seminars)	0	0	1	0	25	**	25	1
BMPD-102-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	Mentoring & Professional Development	0	0	1	0	25	**	25	1

*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

** Mentoring and Professional Development course will have internal evaluation only

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Semester		Second (2 nd)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical	Studio (If Applicable)	Internal	External		
BCCT201-21	Allied Health Sciences	Core Theory	Basics of Anatomy-II	3	1	0	0	40	60	100	4
BCCT202-21	Allied Health Sciences	Core Theory	Basics of Physiology-II	3	1	0	0	40	60	100	4
BCCT203-21	Allied Health Sciences	Core Theory	Basics of Biochemistry-II	3	1	0	0	40	60	100	4
BCCT204-21	Allied Health Sciences	Core Practical / Lab	Basics of Anatomy-II	0	0	4	0	60	40	100	2
BCCT205-21	Allied Health Sciences	Core Practical / Lab	Basics of Physiology-II	0	0	4	0	60	40	100	2
BCCT206-21	Allied Health Sciences	Core Practical / Lab	Basics of Biochemistry-II	0	0	4	0	60	40	100	2
EVS102-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	Environmental Studies	2	0	0	0	40	60	100	1
BMPD-102-18	Allied Health Sciences	Ability Enhancement Compulsory Course (AECC)	Mentoring & Professional Development	0	0	1	0	25	**	25	1

*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

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** Mentoring and Professional Development course will have internal evaluation only

Semester		Third (3 rd)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical*	Studio (If Applicable)	Internal	External		
BCCT301-22	Allied Health Sciences	Core Theory	Anatomy and Physiology of Cardiovascular system	3	1	0	0	40	60	100	4
BCCT302-22	Allied Health Sciences	Core Theory	Applied Microbiology	3	1	0	0	40	60	100	4
BCCT303-22	Allied Health Sciences	Core Theory	General Pharmacology	3	1	0	0	40	60	100	4
BCCT304-22	Allied Health Sciences	Core Theory	Electrocardiography (ECG)	3	1	0	0	40	60	100	4
BCCT305-22	Allied Health Sciences	Core Theory	Life Style Diseases	3	1	0	0	40	60	100	4
BCCT306-22	Allied Health Sciences	Core Practical / Lab	Anatomy and Physiology of Cardiovascular system	0	0	4	0	60	40	100	3
BCCT307-22	Allied Health Sciences	Core Practical / Lab	Applied Microbiology	0	0	3	0	60	40	100	3
	Allied	Core	General								

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BCCT308-22	Health Sciences	Practical/ Lab	Pharmacology	0	0	4	0	60	40	100	3
BCCT309-22	Allied Health Sciences	Core Practical/ Lab	Electrocardiography (ECG)	0	0	4	0	60	40	100	4

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BCCT310-22	Allied Health Sciences	Core Practica I/ Lab	Life Style Diseases	0	0	4	0	60	40	100	3
BCCT311-22	Allied Health Sciences	Core Theory	Non-invasive Diagnosis Cardiovascular system	2	0	0	0	40	60	100	2

*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

Semester		Fourth (4 th)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical*	Studio (If Applicable)	Internal	External		
BCCT401-22	Allied Health Sciences	Core Theory	Basic Patient care	3	1	0	0	40	60	100	4
BCCT402-22	Allied Health Sciences	Core Theory	Basics Cardiac Evaluation	3	1	0	0	40	60	100	4
BCCT403-22	Allied Health Sciences	Core Theory	Cardiac Catheterization	3	1	0	0	40	60	100	4
BCCT404-22	Allied Health Sciences	Core Theory	Cardiac Medical Instrumentation	3	1	0	0	40	60	100	4
BCCT405-22	Allied Health Sciences	Core Practica I/ Lab	Basic Patient care	0	0	2	0	60	40	100	2
BCCT406-22	Allied Health	Core Practica I/ Lab	Basics Cardiac	0	0	4	0	60	40	100	2

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	Sciences		Evaluation								
BCCT407-22	Allied Health Sciences	Core Practical/ Lab	Cardiac Catheterization	0	0	4	0	60	40	100	2
BCCT408-22	Allied Health Sciences	Core Practical/ Lab	Cardiac Medical Instrumentation	0	0	4	0	60	40	100	2

*A course can either have four Hrs Lecture or Three Hrs Lecture + One Hrs Tutorial as per requirement

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Semester		Fifth (5 th)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical	Studio (If Applicable)	Internal	External		
BXXX-501-22											
BXXX-502-22											
BXXX-503-22											
BXXX-504-22											

Semester		Sixth (6 th)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical	Studio (If Applicable)	Internal	External		
BXXX-601-22											
BXXX-602-22											
BXXX-603-22											
BXXX-604-22											

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Semester		Seventh (7 th)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical	Studio (If Applicable)	Internal	External		
BXXX-701-22											
BXXX-702-22											
BXXX-703-22											
BXXX-704-22											

Semester		Eighth (8 th)									
Course Code	Group	Course Type	Course Name / Title	Load Allocation				Marks Distribution		Total Marks	Credit
				Lecture	Tutorial	Practical	Studio (If Applicable)	Internal	External		
BXXX-801-22											
BXXX-802-22											
BXXX-803-22											
BXXX-804-22											