



BRAINWARE UNIVERSITY
Department of Allied Health Sciences
Bachelor of Science in Operation Theater Technology (B.Sc. OTT) -2023
(As per UGC CBCS Template)

Semester-I

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC101	Human Anatomy	CC1	4-0-0	4	100
BOTTC102	Human Physiology	CC2	4-0-0	4	100
BOTTC103	Introduction to Healthcare Delivery System in India	CC3	4-0-0	4	100
BOTTC191	Human Anatomy and Physiology- Practical	CC4	0-0-4	2	100
GE	Generic Elective-1 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE1	4-0-0/ 5-0-0	4/5	200/100
GE	Generic Elective -1 (Practical/Tutorial)	GE1	0-0-4/ 0-1-0	2/1	
EVS101	Environmental Science	AECC1	2-0-0	2	100
Total			28/26	22	700/600

Semester-II

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC201	Clinical Microbiology	CC5	4-0-0	4	100
BOTTC202	Biochemistry	CC6	4-0-0	4	100
BOTTC203	Pathology	CC7	4-0-0	4	100
BOTTC204	Clinical Pharmacology	CC8	4-0-0	4	100
BOTTC205	Medical Law and Ethics	CC9	4-0-0	4	100
HU201	English Communication	AECC2	1-0-0	1	50
HU291	English Communication - Practical	AECC2	0-0-2	1	50
GE	Generic Elective-2 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE2	4-0-0/ 5-0-0	4/5	200/100
GE	Generic Elective -2 (Practical/Tutorial)	GE2	0-0-4/ 0- 1-0	2/1	
Total			28/26	28	800/700



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Semester-III

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC301	Medical Terminology and Record keeping (including anatomical terms)	CC10	4-0-0	4	100
BOTTC302	Medicine	CC11	4-0-0	4	100
BOTTC303	Principles of Anesthesia	CC12	4-0-0	4	100
BOTTS381	Clinical Observership I	SEC1	-	3	100
GE	Generic Elective-3 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE3	4-0-0/ 5-0-0	4/5	200/100
GE	Generic Elective -3 (Practical/Tutorial)	GE3	0-0-4/ 0-1-0	2/1	
TOTAL			20/18	21	600/500

Semester-IV

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC401	Principals of Management	CC13	4-0-0	4	100
BOTTC402	Introduction to Quality and Patient safety	CC14	4-0-0	4	100
BOTTC403	Basic techniques of Anesthesia	CC15	4-0-0	4	100
BOTTS482	Clinical Observership II	SEC2	-	3	100
GE	Generic Elective-4 (Any one from the List of Generic Elective / Interdisciplinary Courses from other Subjects)	GE4	4-0-0/ 5-0-0	4/5	200/100
GE	Generic Elective -4 (Practical/Tutorial)	GE4	0-0-4/ 0-1-0	2/1	
TOTAL			20/18	21	600/500



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Semester-V

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC501	Basics of Surgical procedures	CC16	4-0-0	4	100
BOTTC502	CSSD Procedures.	CC17	4-0-0	4	100
BOTTS503	Advance anesthetic techniques	SEC 3	4-0-0	4	100
BOTTC504	Basic Intensive care	CC18	4-0-0	4	100
BOTTS583	Clinical Observership III	SEC 4	-	3	100
TOTAL			16	19	500

Semester-VI

Course Code	Course Name	Type of Course	L - T - P	Credits	Total Marks
BOTTC601	Specialized surgery and anesthesia	CC19	4-0-0	4	100
BOTTS602	Electronics and technology in surgery and anesthesia	SEC5	4-0-0	4	100
BOTTE603	Basic administration and equipment Maintenance	DSE 1	4-0-0	4	100
BOTTE604	Research Methodology and Bio statistics	DSE 2	4-0-0	4	100
BOTTS684	Project and Dissertation	SEC6	-	3	100
TOTAL			16	19	500

Semester VII & VIII

Course Code	Course Name	Type of Course	Duration	Credits	Total Marks
BOTTS881	Internship (12 months) Including Project Work and Grand Viva voce.	SEC7	12 months	20	100

Total Credits: 150

Total Marks: 3700/3300