

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2024
6 Semesters

BIOMEDICAL EQUIPMENT TECHNOLOGY **Catalog/Academic Year 2024-2025**
Associate Degree (A50100)

Key to symbols after some courses:

* Developmental courses may be required based on college placement and course requisites.

** Requires prior approval by Work Based Learning Coordinator.

^{GE} Fulfills the general education requirements for this degree.

FIRST FALL SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X			ACA 122 College Transfer Success	0	2	0	1	
X			BMT 111 Intro to Biomedical Field	2	0	0	2	Online
		X	ELC 131 Circuit Analysis I	3	3	0	4	
		X	ELC 131A Circuit Analysis I Lab	0	3	0	1	
	X		ENG 111 Writing and Inquiry* ^{GE}	3	0	0	3	
		X	MAT 121 Algebra/Trigonometry I* ^{GE}	2	2	0	3	

FIRST SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
	X		BMT 223 Imaging Tech./Laser Fund.	3	2	0	4	Online
X	X		COM 231 Public Speaking* ^{GE}	3	0	0	3	
X			ELC 127 Software for Technicians	1	3	0	2	Online
		X	ELN 131 Analog Electronics I	3	3	0	4	

FIRST SUMMER TERM

8 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X	BMT 112 Hospital Safety Standards	2	2	0	3	online
X	BMT 211 Biomedical Measurements	2	2	0	3	
X	BIO 163 Basic Anatomy and Physiology*	4	2	0	5	
X	ELN 132 Analog Electronics II	3	3	0	4	hybrid

SECOND FALL SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
		X	BMT 212 BMET Instrumentation I	3	6	0	6	
		X	ELN 133 Digital Electronics	3	3	0	4	Online
X	X		SOC 210 Introduction to Sociology* ^{GE}	3	0	0	3	

SECOND SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
		X	BMT 213 BMET Instrumentation II	2	3	0	3	
X			CTI 120 Network and Security Foundation	2	2	0	3	
		X	ELN 232 Introduction to Microprocessors	3	3	0	4	Online

SECOND SUMMER TERM

8 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X	HUM 115 Critical Thinking* ^{GE}	3	0	0	3	
X	WBL 110 World of Work**	1	0	0	1	Online
X	WBL 111 Work-Based Learning I**	0	0	10	1	

MINIMUM SEMESTER HOURS REQUIRED FOR AAS DEGREE 70

For additional information about requirements and graduation, please refer to the [Curriculum Program Completion and Graduation](#) policy. Program-specific criteria may be found on the respective [Programs](#) page. For questions about this program, consult the Program Director or an advisor for assistance.