DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2022
5 Semesters

INFORMATION TECHNOLOGY
IT and Cloud Systems Administration
Associate Degree (A25590A)

Catalog/Academic Year 2026-2027

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 Transfer and Career Success	0	2	0	1	
X			CTI 110 IT Foundations	2	2	0	3	
X			CTI 120 Network & Sec Foundations	2	2	0	3	Hybrid or Online
	X		CTS 115 Information Systems Business Concepts	3	0	0	3	Hybrid
		X	CTS 120 Hardware/Software Support	2	3	0	3	Hybrid
	X		ENG 111 Writing and Inquiry*GE	3	0	0	3	

FIRST SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
	X		CTI 140 Virtualization Concepts	1	4	0	3	Hybrid or Online
		X	CTS 220 Advanced Hardware/Software Support	2	3	0	3	
X			NET 125 Introduction to Networks	2	3	0	3	Hybrid or Online
	X		NOS 230 Windows Administration I	2	2	0	3	
X			SEC 110 Security Concepts	2	3	0	3	Hybrid or Online

SUMMER TERM

8 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X	ENG 112 Writing/Research in the DisciplinesGE	3	0	0	3	
X	HUM 115 Critical Thinking*GE	3	0	0	3	
X	PSY 150 General Psychology*GE	3	0	0	3	

SECOND FALL SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X			CTI 141 Cloud & Storage Concepts	1	4	0	3	Hybrid
	X		CTI 240 Virtualization Admin I	1	4	0	3	Hybrid
	X		MAT 143 Quantitative Literacy*GE	2	2	0	3	
X			NOS 120 Linux Single User	2	3	0	3	
X			NOS 231 Windows Administration II	2	2	0	3	

SECOND SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
	X		NET 260 Internet Development & Support	3	0	0	3	
X			NOS 125 Linux/Unix Scripting	2	2	0	3	
	X		NOS 220 Linux Admin I	2	3	0	3	
X			NOS 232 Windows Administration III	2	2	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 69

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.