

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2024  
5 Semesters

**INFORMATION TECHNOLOGY**  
**Web Development**  
**Associate Degree (A25590W)**

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.

<sup>GE</sup> 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			CIS 110 Introduction to Computers <b>OR</b>	2	2	0	3	
		X	CTS 120 Hardware/Software Support	2	3	0	3	Hybrid
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		ENG 111 Writing and Inquiry* <sup>GE</sup>	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			MAT 143 Quantitative Literacy* <sup>GE</sup> <b>OR</b>	2	2	0	3	
		X	MAT 171 Precalculus Algebra* <sup>GE</sup>	3	2	0	4	MAT 171 for transfer
X			WEB 110 Web Development Fundamentals	2	3	0	3	Hybrid or Online
X			WEB 111 Introduction to Web Graphics	2	2	0	3	Hybrid
	X		WEB 140 Web Development Tools	2	3	0	3	Hybrid
	X		WEB 210 Web Design	2	3	0	3	Hybrid

**SUMMER TERM**

	8 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
	X	ENG 112 Writing/Research in the Disciplines <sup>GE</sup>	3	0	0	3	
	X	Humanities/Fine Arts Elective* <sup>GE</sup>	3	0	0	3	HUM 115 recommended

**SECOND FALL SEMESTER**

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X			CSC 121 Python Programming	2	3	0	3	Hybrid
X			DBA 110 Database Concepts	2	3	0	3	Hybrid or Online
	X		DBA 120 Database Programming I	2	2	0	3	Online
X			WEB 115 Web Markup and Scripting	2	3	0	3	Hybrid
	X		WEB 215 Advanced Markup and Scripting	2	3	0	3	Hybrid

## SECOND SPRING SEMESTER

Term A	Term B	16 Weeks	Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks
X			CSC 118 Swift Programming I	2	3	0	3	Hybrid
X			NOS 120 Linux Single User	2	3	0	3	
X			WBL 110 World of Work**	1	0	0	1	Online
		X	WBL 111 Work-Based Learning I**	0	0	10	1	
	X		WEB 250 Database Driven Websites	2	3	0	3	Hybrid
	X		Social/Behavioral Sciences Elective*	3	0	0	3	PSY 150 recommended

**MINIMUM SEMESTER HOURS REQUIRED FOR AAS DEGREE**

**66**

**Humanities/Fine Arts Elective** – Choose one of the following:

ART 111, ART 114, ART 115, **HUM 115**, MUS 110, MUS 112, PHI 215, PHI 240

**Social/Behavioral Sciences Elective** – Choose one course from the following:

ECO 251, ECO 252, HIS 111, HIS 112, HIS 131, HIS 132, POL 120, **PSY 150**, SOC 210

*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.*