

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2021
5 Semesters

INFORMATION TECHNOLOGY
Software Development
Associate Degree (A25590S)

Catalog/Academic Year 2023-2024

Key to symbols after some courses:

* Developmental courses (ENG 002 and/or MAT 003) 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.

FALL SEMESTER 2023

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
ACA 122 College Transfer Success	0	2	0	1		
CIS 110 Introduction to Computers OR CTS 120 Hardware/Software Support	2	2-3	0	3	Hybrid (CTS 120)	
CTI 110 Web, Programming, & Database Foundation	2	2	0	3		
CTI 120 Networking & Security Foundation	2	2	0	3	Hybrid or Online	
CTS 115 Information Systems Business Concepts	3	0	0	3	Hybrid	
ENG 111 Writing and Inquiry* ^{GE}	3	0	0	3		

SPRING SEMESTER 2024

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CSC 121 Python Programming	2	3	0	3	Hybrid	
CSC 151 JAVA Programming	2	3	0	3		
DBA 110 Database Concepts	2	3	0	3	Hybrid or Online	
MAT 143 Quantitative Literacy* ^{GE}	2	2	0	3		
WEB 110 Web Development Fundamentals	2	3	0	3	Hybrid or Online	

SUMMER TERM 2024

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
ENG 112 Writing/Research in the Disciplines ^{GE}	3	0	0	3		
HUM 115 Critical Thinking* ^{GE}	3	0	0	3		

FALL SEMESTER 2024

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CSC 153 C# Programming	2	3	0	3	Hybrid	
CSC 251 Advanced JAVA Programming	2	3	0	3	Hybrid	
DBA 120 Database Programming I	2	2	0	3	Online	
NOS 120 Linux/UNIX Single User	2	2	0	3		
WEB 115 Web Markup and Scripting	2	3	0	3	Hybrid	

SPRING SEMESTER 2025

Course	Hours Class	Hours Lab	Hours Work	Hours Credit	Program Remarks	Notes
CSC 118 Swift Programming I	2	3	0	3	Hybrid	
CSC 152 SAS	2	3	0	3	Online	
CSC 253 Advanced C# Programming	2	3	0	3	Hybrid	
WBL 110 World of Work**	1	0	0	1	Online	
WBL 111 Work-Based Learning I**	0	0	10	1		
PSY 150 General Psychology* ^{GE}	3	0	0	3		

MINIMUM SEMESTER HOURS REQUIRED FOR AAS DEGREE**66**

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.