

DURHAM TECHNICAL COMMUNITY COLLEGE PLAN OF STUDY

Revised Fall 2017
3 Semesters

INFORMATION TECHNOLOGY
Software Development
Diploma (D25590S)

Catalog/Academic Year 2019-2020

Key to symbols after some courses:

* Developmental courses (ENG 002 and/or MAT 003) may be required based on college placement and course requisites.

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

FALL SEMESTER 2019

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
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 2020

Course	Hours Class	Hours Lab	Hours Clinical	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} OR MAT 171 Precalculus Algebra* ^{GE}	2-3	2	0	3-4		
WEB 110 Internet/Web Fundamentals	2	2	0	3	Hybrid	

FALL SEMESTER 2020

Course	Hours Class	Hours Lab	Hours Clinical	Hours Credit	Program Remarks	Notes
CSC 153 C# Programming	2	3	0	3	Hybrid	
WEB 115 Web Markup and Scripting	2	2	0	3	Hybrid	

MINIMUM SEMESTER HOURS REQUIRED FOR DIPLOMA

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V.A. Students: An approval signature from the V.A. Office is required before registering. Some courses may not be certifiable.

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.