

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 2023-2024

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 | | | CTI 110 Web, Programming, & Database Foundation | 2 | 2 | 0 | 3 | |
| X | | | CTI 120 Networking & Security Foundation | 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 | 1 | 4 | 0 | 3 | Hybrid or Online |
| | X | | NOS 230 Windows Administration I | 2 | 2 | 0 | 3 | |
| X | | | SEC 110 Security Concepts | 2 | 2 | 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 Disciplines ^{GE} | 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/UNIX Single User | 2 | 2 | 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/Unix Administration I | 2 | 2 | 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.