Associate of Applied Science Degree in

NETWORKING AND CYBERSECURITY

**Effective: September 2025**

**Chair: Dr. Sergio Hernandez** **Del Cid, shernandez@tacom****acc.edu**

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|  | **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SID\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:** |
| **Help Desk Certificate** |  | **Credits** | **Offered** |  |
| IT 102 | Microcomputer Fundamentals **(corequisite** with IT 110) | 5 | F,W,Sp |  |
| IT 110 | Operating Systems I (**corequisite** with IT 102) | 5 | F,W,Sp |  |
| IT 247 | IT Project Management /Help Desk operations (**prereq**: **CU 105**) | 5 | W,**S** |  |
|  | Credits: | 20 | 15 |  |
| **Technical****Support Certificate** |  |  |  |  |
| IT 210 | Operating Systems II (**prereq:** IT 102&110) | 5 | W, **S** |  |
| IT 260 | Client/Server Technology (**prereq:** IT 102&110) | 5 | W,S |  |
| IT 261 | Administration of Networks (**prereq:** IT 102&110) | 5 | W,S |  |
| IT 211 | Operating Systems III (**prereq:** IT 102&110) | 5 | F,Sp |  |
|  | Credits: | 20 | **35** |  |
| **Program Core Courses** |  |  |  |  |
| IT 201 | Introduction to Programming | 5 | F,**Sp** |  |
| IT 271 | Internetworking | 5 | F,W |  |
| IT 275 | Security Assessment and Remediation | 5 | W,Sp |  |
| IT 246 | Data Storage Security and Management | 5 | F,**W** |  |
| IT 270 | Service and Support Fundamentals (**prereq:** IT 261) | 5 | F,Sp |  |
| IT 278 | Incident Response and Intrusion Analysis (**prereq:** IT 275) | 5 | Sp,S |  |
| IT 249 | Database Programming (**prereq:** IT 246) | 5 | W,Sp |  |
| IT 280 | Capstone (**prereq:** IT 271) | 5 | Sp,S |  |
|  | **Credit Subtotal:** | 40 | **75** |  |
| Distribution Credits |  |  |  |  |
| **\***IT 299 | Independent Study & Special Projects (recommended) | 2-5 | F,W,Sp,S |  |
| **\***IT 290 | Work Internship (recommended) | 5 | F,W,Sp,S |  |
| MATH& | MATH&107 OR MATH& 146  | 5 | F,W,Sp,S |  |
| BUS 164 | Leadership and Human Relations | 5 | F,W,Sp,S |  |
| CMST& | Choose 1:CMST&101, 102, 210, 220, 230, 240 | 5 | F,W,Sp,S |  |
| ENGL& 101 | English Composition | 5 | F,W,Sp,S |  |
|  |  **Total Credits:** | 20 | **100** |  |

**\*Student MUST be authorized by the program chair to enroll in this course section.**

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| F  | W  | Sp \_ | S  | F  | W  | Sp  | S  |
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**NOTE:** To earn this degree, students must have earned all 100 credits with a cumulative GPA of 2.0 or higher. Courses are offered in Lecture, Web-enhanced, Hybrid and **Fully Online** modes. Not every course is offered in every mode. Not every course is offered every quarter.

*Updated 09/26/2024*