# AAS – Cyber Security – Information Assurance to BAAS – Information Technology Without Concentration 2023-2024 Transfer Pathway

## AAS Degree Requirements
### Dallas College

| DC | TAMUCT | Course Name | SCH | DC | TAMUCT | Course Name | SCH |
|---|---|---|---|---|---|---|---|
| ENGL 1301 | CORE 010 | Composition I | 3 | CORE 050 | CORE 050 | Fine Arts Core | 3 |
| MATH 1314 | CORE 020 | College Algebra | 3 | ITMT 1357[1] | VO-- | Administering a Windows Server Operating System | 3 |
| ITCC 1314[1] | VO-- | CCNA 1: Introduction to Networks | 3 | ITSE 1370[1] | VO-- | Introduction to Python Programming | 3 |
| ITSC 1316[1] | VO-- | Linux Installation and Configuration | 3 | ITSY 1342[1] | VO-- | Information Technology Security | 3 |
| ITSC 1325[1] | VO-- | Personal Computer Hardware | 3 | ITSY 2301[1] | VO-- | Firewalls and Network Security Design | 3 |
| SPCH 1321 | CORE 010 | Business and Professional Communication | 3 | CORE 080 | CORE 080 | Social/Behavioral Sciences Core | 3 |
| ITSY 1300[1] | VO-- | Fundamentals of Information Security | 3 | ITSY 2342[1] | VO-- | Incident Response and Handling | 3 |
| ITDF 1300[1] | VO-- | Introduction to Digital Forensics | 3 | ITSY 2345[1] | VO-- | Network Defense and Countermeasures | 3 |
| ITMT 2305[1] | VO-- | Designing and Implementing a Server Infrastructure | 3 | ITSY 2359[1] | VO-- | Security Assessment and Auditing | 3 |
| ITSC 1305[1] | VO-- | Introduction to PC Operating Systems | 3 | ITSY 2341 or ITSY 2386[1] | VO-- | Security Management Practices or Internship-Computer and Information Systems Security | 3 |
| | | | | | | **Subtotal** | **60** |

## Additional Lower-Level or Upper-Level Degree Requirements
### Dallas College or Texas A&M University – Central Texas

| Dallas College | Texas A&M University - Central Texas | Course Name | SCH |
|---|---|---|---|
| CORE 030[2] | CORE 030 | Life and Physical Science Core | 3 |
| CORE 030[2] | CORE 030 | Life and Physical Science Core | 3 |
| CORE 040[2] | CORE 040 | Language, Philosophy, and Culture Core | 3 |
| CORE 060[2] | CORE 060 | American History Core | 3 |
| CORE 060[2] | CORE 060 | American History Core | 3 |
| CORE 070[2] | CORE 070 | Government/Political Science Core | 3 |
| CORE 070[2] | CORE 070 | Government/Political Science Core | 3 |
| CORE 090[2] | CORE 090 | Component Area Option Core | 3 |
| COSC 1320 or COSC 1336[2,3] | CORE 090 | C Programming I or Programming Fundamentals I | 3 |
| BUSI 2305[2,4] | BUSI 2305 | Business Statistics | 3 |
| | | **Subtotal** | **30** |

## Upper-Level Degree Requirements
### Texas A&M University - Central Texas

| Texas A&M University - Central Texas | Course Name | SCH | Texas A&M University - Central Texas | Course Name | SCH |
|---|---|---|---|---|---|
| CIS 3347 | Data Communications and Infrastructure | 3 | CIS 4341 | Information Technology Security and Risk Management | 3 |
| CIS 3360 | Ethics in Computing | 3 | CIS 4360 | Strategic Information Systems | 3 |
| CIS 4350 | Management Information Systems | 3 | Upper-Level CIS Electives | Upper-Level CIS Electives | 9 |
| CIS 3365 | System Analysis and Design | 3 | Upper-Level CIS or COBA Electives[5] | Upper-Level CIS or COBA Electives | 9 |
| CIS 4301 | Database Theory and Practices | 3 | CIS 4090 | Computer Information Systems Capstone Assessment | 0 |
| | | | | **Subtotal** | **39** |
| | | | | **Total** | **129** |

## Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at Dallas College. For help with pathway planning, student should speak with an academic advisor. *This pathway is intended for planning and visualization purposes only.*

1. For the Occupational/Technical Specialization credits, students must have a minimum of 12 semester credit hours consisting of technical, occupational, and military training and many include academic electives to complete the maximum allowable 36 semester credit hours.
2. Not all Degree Requirement courses are completed with the AAS. Student will need to complete these remaining lower-level courses at Dallas College. Please discuss the consortium agreement procedure with a TAMUCT financial aid advisor.
3. Students can also fulfill this degree requirement by enrolling in CIS 3330, CIS 3331, or CIS 3332.
4. Students can also fulfill this degree requirement by enrolling in BUSI 3311.
5. Please see your advisor for information on recommended micro-credential course offerings.