# COMPUTER INFORMATION SYSTEMS ASSOCIATE OF APPLIED SCIENCE

## Degree Plan

| Code | Title | Credits |
| --- | --- | --- |
| **General Education Requirements** | | |
| *Communications (6 credits)* | | |
| ENG 110 | Composition I | 3 |
| COM 110 | Fund. of Public Speaking | 3 |
| *Social Sciences (3 credits)* | | *3* |
| See Gen. Ed Matrix (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/) | | |
| **Arts Humanities (6 Credits)** | | **6** |
| See Gen. Ed Matrix (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/) | | |
| **Math, Science Technology (8 credits)** | | |
| CSC 160 | Computer Science I | 4 |
| MTH 103 | College Algebra | 4 |
| *Institutional Specific (2 Credits) (2 credits)* | | |
| FND 106 | First Year Exp & Health Living | 2 |
| General Education Requirements Subtotal | | 25 |
| **Required Program Core Courses** | | |
| CIS 128 | Microcomputer Hardware I | 3 |
| CIS 147 | Principles of Information Security | 3 |
| CIS 180 | Creating Web Pages | 3 |
| CIS 164 | Networking Fundamentals I | 4 |
| CIS 165 | Networking Fundamentals II | 4 |
| CIS 208 | Database Management | 4 |
| CIS 212 | Microsoft Windows Operating System | 3 |
| CIS 216 | Impl MS Network Infrastructure | 3 |
| CIS 220 | Linux Fundamentals | 3 |
| CIS 284 | Incident Response & Disaster Recove | 3 |
| CIS 297 | CIT Internship | 3 |
| **Required Program Core Courses Subtotal** | | **36** |
| **Free Electives (3 Credits)** | | |
| See Gen. Ed Matrix (https://uttc-public.courseleaf.com/academic-affairs/general-education-matrix/) | | |
| **Total Credits** | | **61** |

[1] Denotes Native Studies institutional requirement.

## Program Learner Outcomes

Graduates of the UTTC Computer Information Technology AAS degree program will:

1. Construct a responsive website using appropriate computer languages.
2. Maintain a relational database including forms, queries, and reports.
3. Implement computer systems to ensure proper operation.
4. Implement network systems to ensure proper operation.