# MERRITT COLLEGE
### Curriculum Template for Infrastructure Security Program

| GROUP #3 | | | |
|---|---|---|---|
| **Certificate/Associate Degree – Infrastructure Security – 28-29 units** | | | |
| **College Program Requirements** | | | |

**First Year – Fall Term**

| Course ID | Course Title | Units | CSU C-ID & GE AS Degree |
|---|---|---|---|
| CIS 1 OR CIS 5 | Introduction to Computer Information Systems OR Introduction to Computer Science | 4 5 | C-ID ITIS 120 & GE Area 4c |
| CIS 72 | Systems & Network Administration | 3 | C-ID ITIS 155 |
| | **Total Units** | **7-8** | |

**First Year – Spring Term**

| Course ID | Course Title | Units | CSU C-ID & GE AS Degree |
|---|---|---|---|
| CIS 55 | Hacker Techniques, Exploits, and Incident Handling | 3 | SANS SEC 504 |
| CIS 60 | Computer Forensics Fundamentals | 3 | C-ID ITIS 165 |
| | **Total Units** | **6** | |

**First Year – Summer Term**

| Course ID | Course Title | Units | CSU C-ID & GE AS Degree |
|---|---|---|---|
| COPED 469 | Occup. Work Exp. In Security Administration | 1 | |
| | **Total Units** | **1** | |

**Second Year – Fall Term**

| Course ID | Course Title | Units | CSU C-ID & GE AS Degree |
|---|---|---|---|
| CIS 53 | Intrusion Detection In-Depth; Compliance, Security, Forensics, and Troubleshooting | 3 | SANS SEC 503 |
| CIS 52 | Cloud Security Fundamentals | 3 | SANS SEC 524 |
| COPED 469 | Occup. Work Exp. In Security Administration | 1 | |
| | **Total Units** | **7** | |

**Second Year – Spring Term**

| Course ID | Course Title | Units | CSU C-ID & GE AS Degree |
|---|---|---|---|
| CIS 58 | Hacker Guard: Security Baseline Training for IT Administrators and Operations | 3 | SANS SEC 464 |
| CIS 54 | IT Security Strategic Planning, Policy, and Leadership | 3 | SANS MGT 514 |
| COPED 469 | Occup. Work Exp. In Security Administration | 1 | |
| | **Total Units** | **7** | |