**CERTIFICATE: APPLIED SCIENCE IN CYBERSECURITY (33 SHC)**

Student must be a high school graduate.

Student Name:

PLACEMENT RDG

MAT

ENG

Student ID: Semester:

*If the required placement test scores are not met for this major, the student is required to take the course as indicated.*

###### COURSE LECT LAB SHC SEMESTER TAKEN GRADE

RDG

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| MAT  |   |   |   |   |   |
| ENG  |   |   |   |   |   |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **REQUIRED CORE SUBJECT AREAS 30 SHC** | **1ST SEM** | **(SHC)** | **TERM** | **GRADE** |
| CPT 104 INTRODUCTION TO INFORMATION TECHNOLOGY (3-0-3) | CPT 104 |   |   |   |
| CPT 282 INFORMATION SYSTEMS SECURITY (3-0-3) | IST 293 |   |   |   |
| IST 245 LOCAL AREA NETWORKS (3-0-3) | CPT 282 |   |   |   |
| IST 291 FUND. OF NETWORK SECURITY I: (SECURITY+ PREPARATION (3-0-3) | IST 291 |   |   |   |
| IST 292 FUNDAMENTALS OF NETWORK SECURITY II (3-0-3)IST 293 IT AND DATA ASSURANCE I (3-0-3) | IST 190 |   |   |   |
| IST 294 IT AND DATA ASSURANCE II (3-0-3)  **2ND SEM** | **(SHC)** | **TERM** | **GRADE** |
| IST 190 LINUX ESSENTIALS (3-0-3) IST 268 |   |   |   |
| IST 193 LINUX SECURITY ADMINISTRATION (3-0-3) IST 245 |   |   |   |
| IST 268 COMPUTER FORENSICS (3-0-3) IST 193 |   |   |   |
| IDS 102PERSONAL CAREER DEVELOPMENT (3-0-3)IST 292IST 292 |   |   |   |
| IST 294 | **\_\_\_\_\_** | **\_\_\_\_\_** | **\_\_\_\_\_** |
| IDS 102 | \_\_\_\_\_ | \_\_\_\_\_\_ | \_\_\_\_\_ |
| **TOTAL 33 SHC**  |   |   |   |

### Cybersecurity

##### **Program Description:** The purpose of the Cybersecurity certificate is to provide students with the foundational concepts and skills necessary to protect and defend information systems from attack, and to limit access to network resources. Additionally, the pro- gram will prepare students for employment in a variety of entry level careers in Cybersecurity. The program leads to certifications in the Cybersecurity/Information Assurance field which include – Network+ and Security+. The certificate program courses may be applied to an A.S. degree in Cybersecurity.

##### entry level word processing clerks, typists, or office clerks.