

# Curriculum for BA in Computer Systems Technology

CS 01104 - Intro Prog & Problem Solving: Python

+ any five CUGS below

## Database Fundamentals

- CST 02110 - Implementations of SQL I\*
- CST 02210 - Implementations of SQL II
- CST 02220 - Database Administration I
- CST 02320 - Database Administration II

## Database Development

- CST 02230 - DB Development
- CST 02250 - DB Security
- CST 02330 - DB Programming
- CST 02400 - DB Warehouse Princ

## Ethical Hacking

- CST 03215 - Pen Testing Fundm
- CST 03218 - Ethical Hacking Fundm
- CST 03315 - Adv Penetration Testing
- CST 03418 - Adv Topics Ethical Hacking

## OS Fundamentals

- CST 06220 - Linux/Unix Essentials\*
- CST 06225 - Linux/Unix Admin\*
- CST 06230 - Microcomputer OS I - WS
- CST 06235 - Microcomputer OS II - Srvr

## Linux Systems Administratn

- CST 09210 - Intro NW / Data Comm\*
- CST 06220 - Linux/Unix Essentials\*
- CST 06225 - Linux/Unix Admin\*
- CST 06240 - Linux System and Services

## Cybersecurity in IT

- CST 01110 - IT Foundations
- CST 01111 - Computer HW and Ops\*
- CST 03201 - Security+
- CST 03410 - Cyber Defense

## Azure Fundamentals

- CST 02110 - Implementations of SQL I\*
- CST 06340 - Intro Azure Cloud Services
- CST 06343 - Azure Mgmt Tools/Security
- CST 06440 - Azure Services & Lifecycles

## Network Fundamentals

- CST 01111 - Computer HW and Ops\*
- CST 09210 - Intro NW / Data Comm\*
- CST 09290 - Intermediate Networking
- CST 09310 - NW Support / Troublshtng

## Digital Forensics

- CST 03252 - Found of Comp Forensics
- CST 03253 - Apps for Digital Forensics
- CST 03352 - Digital Incident Handling
- CST 03452 - Adv Dig Forensics Invest

## Management Information Systems

- BUS 01105 - Business Perspectives
- MIS 02234 - Management Information Systems
- CS 01211 - Principles of Information Security
- MIS 02301 - Emerging Technologies I
- MIS 02302 - Emerging Technologies II
- MIS 02322 - Principles of System Design

## Project Management

- MIS 02325 - Project Management
- MIS 02326 - Project Management Professional Exam Prep
- MIS 02322 - Principles of Systems Design
- MIS 02328 - Agile Project Management
- MGT 06310 - Leadership & Supervision
- MGT 06321 - Managing Teams in Organizations
- MGT 06406 - Improving Business Processes

*See program guides for details*

## Adv Network Technology

- CST 09320 - NW Arch Models Protocols
- CST 09325 - NW Commun & Config
- CST 09430 - Switchng Routing Wireless
- CST 09435 - Ent Nwkg, Sec, & Autmtn

## Intrusion Detectn/Preventn

- CST 03270 - Intro Intrusion Detection
- CST 03370 - IDS/IPS Administration
- CST 03372 - Knowledge Mgmt IDS/IPS
- CST 03472 - IDS/IPS for Cloud

\* Course part of multiple CUGS. Degree requires 21 distinct courses. In cases of "double counting", you must take an additional unique course in the program.