

District Concurrent Enrollment Program Proposal

The Concurrent Enrollment Program proposal must be submitted to the Concurrent Enrollment Coordinator. The Concurrent Education (CE) program proposal must include the following information:

Name of CE Program: Cyber Security

Name of Institution of Higher Education: ACC

I. GOALS

A. Provide a brief overview of the Program.

This is a cybersecurity pathway created to introduce, train, and guide students toward careers in cybersecurity or other science, technology, engineering, and mathematics (STEM) disciplines.

B. How does this CE Program fit into the overall educational program?

The CE programs directly correspond to the 2-year program mapped out for our CTE students on the path to becoming Concentrators in the cybersecurity pathway. The content and skills are cybersecurity related and applicable in and outside of the classroom.

C. What benefits would our student receive from this program?

In addition to college credit, the students will gain the knowledge, training, and skills to provide them with the opportunity to experience an authentic real-world project, internship, and/or post-secondary career/education. The students will also earn a professional certification within the IT field that they are most interested. Cybersecurity careers, certifications, and internships allow our students to help public and private organizations protect their information and assets from a broad range of cyberattacks.

II. Concurrent Education Program Courses -

- A. Provide a flow chart or table that indicates the courses students would take within the program. ** Other courses may be added or changed within the program, based upon the need of students or program modifications.

<i>Year 1</i>
High School Name: ACC-CNG 256 -Intro CyberSec I <i>ACC Course: CNG 256- Vulnerability Assessment</i>
High School Name: ACC-CNG 258 -Intro CyberSec II <i>ACC Course: CNG 258- Digital Forensics</i>
<i>Year 2</i>
High School Name: ACC-CNG 202 -Adv CyberSec I <i>ACC Course: CNG 202- UNIX/LINUX Server Admin</i>
High School Name: ACC-CNG 212 -Adv CyberSec II <i>ACC Course: CNG 212- Configuring Windows Server</i>

B. Course Titles

ACC-CNG 256 -Intro CyberSec I (690261)

ACC Course: CNG 256- Vulnerability Assessment

Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and functionality.

3 ACC College Credits

Prerequisites: Must have an ACC "S" Number and fulfill all ACC Course Requirements.

ACC-CNG 258 -Intro CyberSec II (690262)

ACC Course: CNG 258- Digital Forensics

Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools, and analyses.

4 ACC College Credits

Prerequisites: Must have an ACC "S" Number and fulfill all ACC Course Requirements. CNG 256 with a "C" or higher

ACC-CNG 202 -Adv CyberSec I (690263)

ACC Course: CNG 202- UNIX/LINUX Server Admin

Provides students with the knowledge and skills required to configure, administer and secure data, users, and services in a UNIX or Linux server environment. Emphasis will be on the command-line interface (CLI). Topics will also include system monitoring, performance tuning, troubleshooting and interoperability with Windows servers and clients.

3 ACC College Credits

Prerequisites: Must have an ACC "S" Number and fulfill all ACC Course Requirements.

ACC-CNG 212 -Adv CyberSec II (690264)


ACC Course: CNG 212- Configuring Windows Server


Provides students with the knowledge and skills that are required to install and configure a Microsoft Windows Server. This course helps prepare students for an MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate) exams.

4 ACC College Credits

Prerequisites: Recommended previous coursework: Must have an ACC "S" Number and fulfill all ACC Course Requirements. CNG 211 with a grade of "C" or better or Instructor's permission.

Signature Page

<p>Does the Concurrent Enrollment Coordinator approve the adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>	
Signature	<p>DocuSigned by:  <small>10D4C751D08A44A...</small></p>

<p>Does the Chief Academic Officer approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i></p>	
Signature	<p>DocuSigned by:  <small>AA861344DA974E2...</small></p>

Does the Chief Assessment Officer approve adoption of this program?
*** Your signature below indicates your approval of the program.*

Signature DocuSigned by:
Matt Reynolds
9C1FC6F4C620480...

Does the Assistant Superintendent approve adoption of this program?
*** Your signature below indicates your approval of the program.*

Signature DocuSigned by:
Ted Knight
789D932FF0D3497...

Does the Board of Education approve the adoption of this program?	Yes	No
Date of BOE Meeting _____ Signature _____		

Office use: The following information is required to build individual courses into Infinite Campus

Credit Type: (FNA, PRA, MAT, etc)	ELE
Department Code:	CM
Course Number:	Intro to CyberSecurity I - 690261 Intro to CyberSecurity II - 690262 Advanced CyberSecurity I - 690263 Advanced CyberSecurity II - 690264.
Course entered in the NCAA database if applicable.	N/A
Update Graduation Competencies course document if applicable for Math and English courses.	N/A
VIP Code:	
CIP Code:	
Add to HEAR list, if applicable.	
Course Mapping SCED code:	10 999
Date entered into Infinite Campus	
Credit amount:	Intro to CyberSecurity I - .5 College Intro to CyberSecurity II - 1.0 College Advanced CyberSecurity I - .5 College Advanced CyberSecurity II - 1.0 College