

District Concurrent Enrollment Pathway Proposal

The Concurrent Enrollment (CE) Pathway proposal is to be submitted to the District CE Coordinator for prior approval and should include the following information:

Name of CE Pathway: Computer Network Technology

Name of Institution of Higher Education: Arapahoe Community College (ACC)

Non-Discrimination Statement: Arapahoe Community College prohibits all forms of discrimination and harassment including those that violate federal and state law or the State Board for Community Colleges and Occupational Education Board Policies 3-120 or 19-60. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. Arapahoe Community College will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

I. GOALS

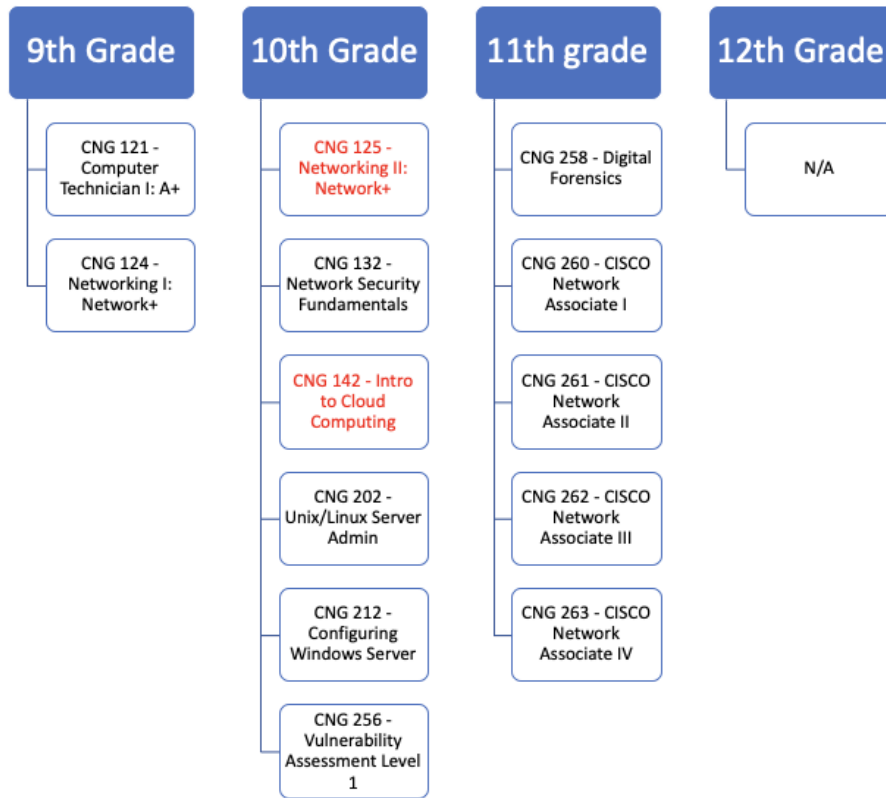
A. Provide a brief overview of the Pathway. This pathway provides a solid foundation in computing networking and technology at the college level, offering CISCO approved certification courses. Students can continue this pathway through ACC to earn a Computer Network Technology Associate degree.

B. How does this CE pathway fit into the overall educational program? Students will earn college credit while still in high school, being introduced to the rigors of college coursework early. Studies have shown that students who participate in concurrent enrollment pathways are more likely to graduate on time, or early, and continue with specific college coursework to obtain an Associate or Bachelor degree.

C. What benefits will our students receive from this CE pathway? Students will be able to: understand networking principles, apply hardware concepts, apply Windows server concepts, and use project management software. Students will be confident that they have the skills they need to begin a career upon graduation.

II. Concurrent Education Pathway Courses -

A. Complete the table below indicating the courses students would take within the pathway. Other courses may be added or changed within the pathway, based upon the need of students or program modifications. **New course information will be indicated in red text.**





<i>Level</i>	<i>Course Name</i>	<i>Course Description</i>	<i>College Credits</i>	<i>Prerequisites</i>
9th, 10th or 11th	CNG 121 - Computer Technician I: A+		4	None
9th, 10th or 11th	CNG 124 - Networking I: Network+		3	None
10th or 11th	CNG 125 - Networking II: Network+	Continues to provide students with the knowledge necessary to implement and	3	CNG 124 with a grade of "C" or better.


		support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network + courses prepare students for the Network + certification.		
10th or 11th	CNG 132 - Network Security Fundamentals		3	CNG 124 with a grade of “C” or better.
10th or 11th	CNG 142 - Intro to Cloud Computing	Educates students on the differences between today's PC / server based networks and cloud computing. Students investigate the benefits of cloud computing, cloud models and solutions, and deployment methods. Students study hardware, storage, thin clients and virtualization in the cloud. The course also introduces students to cloud applications and cloud-based office productivity software. Students learn how they can apply cloud computing to address corporate information technology challenges.	3	None
10th or 11th	CNG 202 - Unix/Linux Server Admin		3	None
11th or 12th	CNG 212 - Configuring Windows Server		4	None


11th or 12th	CNG 256 - Vulnerability Assessment Level 1		3	CNG 132 with a grade of "C" or better.
11th or 12th	CNG 258 - Digital Forensics		4	CNG 132 with a grade of "C" or better.
11th or 12th	CNG 260 - CISCO Network Associate I		5	None
11th or 12th	CNG 261 - CISCO Network Associate II		5	CNG 260 with a grade of "C" or better
11th or 12th	CNG 262 - CISCO Network Associate III		5	CNG 261 with a grade of "C" or better
11th or 12th	CNG 263 - CISCO Network Associate IV		5	CNG 262 with a grade of "C" or better

Signature Page

Does the District CE Coordinator approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Joy Griffin (Feb 5, 2021 07:09 MST)</small>

Does the Director of CIPG approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Erica Mason (Feb 5, 2021 12:49 MST)</small>

Does the Chief Assessment Officer approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature  <small>Matt Reynolds (Feb 5, 2021 13:43 MST)</small>

Does the Assistant Superintendent approve adoption of this program? <i>** Your signature below indicates your approval of the program.</i>
Signature 

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

Superintendent File: IGA-E-1

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

Credit Type: (FNA, PRA, MAT, etc)	
Department Code:	
Course Number:	
Course entered in NCAA database if applicable.	
Update Graduation Competencies course document if applicable for Math and English courses.	
VIP Code:	
CIP Code:	110101 (IT/Networking Systems CTE program)
Add to HEAR list, if applicable.	
Course Mapping SCED code:	
Date entered into Infinite Campus	
Credit amount:	