Information Technology 12th Grade Curriculum Map
IT Career Skills and Certification (IT410)

Goal(s): The students will create and present their Senior Capstone project.

Big Idea: The capstone is a demonstration to show an advanced IT skill you have learned in the shop.

Unit: 12-4	CSTA Standards: N/A	Length:	Essential Questions: How is a capstone presentation different for a lesson a teacher presents?

Knowledge / Understanding	Students Will Know:	Learning Outcomes	Assessments
12-4.A Capstone overview	The students will understand what a capstone is and review the process ore creating and presenting the capstone	The students will understand goals of a capstone	-PowerPoint assessment with rubric

-Practice Capstone presentation with rubric

-Capstone presentation with rubric

-Rubric Topic quiz

-Vocabulary Test

-Performance Test

-Multiple Choice questions

-hands on project

-Presentation |
12-4.B Capstone Rubric Review	The students understand the rubric for the capstone	The students will evaluate how points are scored in the capstone presentation and the requirements for each scoring topic or requirement	
12-4.C Capstone tools and resources	The students will the tools equipment and resources needed in the student selected project for their capstone presentation	The students will outline the resources and format they will use to create and present the capstone	
12-4.D Presentation skills	The students will evaluate and understand best practices of public speaking and presentation	The students will be able to evaluate good and bad aspects of public speaking and presentations	

12-4.E Practice presentation	Students will complete a mock capstone presentation and practice presenting it to the class to get feedback on what great and what could be improved in the presentation	The students will give and receive feedback and adjust their capstone presentation to improve the quality of their presentation	
12-4F Final Capstone Presentation	Student will present final capstone to staff	The students will evaluate feedback from staff on their capstone presentation	
Resources:	-Office 365 Link -Adobe CC suite Link -Certification testing -Computer and network lab -AWS or Azure -Input or output devices		
Extension Activity:	Create a video of your capstone presentation and review Conduct a search of Public speaking YouTube instructional videos		
Common Formative Assessment	-Practice Presentations with rubric -Verbal feedback (questioning & class discussion) -Project videos with assessment on skills -Written questions -POP-Quiz (not included in student grade) -Learning logs, journals, or exit slips -Conferencing -Simulations and online labs -Performance Test -Multiple Choice questions -Short answer questions -Capstone Presentation		