

UNIVERSITY OF ALASKA FAIRBANKS
Student Learning Outcomes Assessment Plan
Cybersecurity Specialist, OEC
Community and Technical College

Intended Outcomes	Assessment Criteria and Procedures	Implementation
The graduates of the UAF CTC Cybersecurity Specialist OEC program will be able to: • Demonstrate knowledge and skills related to installing, configuring, securing and troubleshooting the devices, protocols and services within a network infrastructure. • Demonstrate knowledge and skills related to installing, configuring, maintaining and securing server operating systems, including how to configure and administer network accounts, resources, and common services deployed on server operating systems. • Demonstrate an ability to interpret and write basic programming constructs such as if-then statements, loop control, functions, arrays, simple input-output, searching and recursion. • Demonstrate advanced cybersecurity knowledge and skills related to analyzing internal and external security threats, technical vulnerability testing and examination techniques, developing security policies, and implementing security measures to protect information within an enterprise	Specific test results from CITS F204, F205, F212, F261, F262 and F263 are compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from each of these courses to determine an overall rating for student demonstrated performance.	CITS Program Coordinator- Review results bi-annually with CITS faculty group to determine results and recommendations. Document and share overall results and continuous improvement recommendations.