ARTICULATION AGREEMENT

Between

Great Falls College Montana State University

CIT – Network Support and Security

Associate of Applied Science (AAS)

And

Highline College

Bachelor of Applied Science (BAS)

15 February 2019

Purpose

Highline College (HC) and Great Falls College Montana State University (GFC) hereby established this articulation agreement to provide a path to the Highline College, Bachelor of Applied Science (BAS) in Cybersecurity and Forensics. This agreement is effective immediately and will remain in force until either party gives the other party written notice of withdrawal from the agreement. Both parties agree to review and revise the agreement when related curriculum changes are made at either institution or at the request of either party.

Introduction

This agreement establishes a path to a B.A.S. degree at HC in Cybersecurity and Forensics for GFC students who successfully complete the AAS degree in. CIT – Network Support and Security

Articulation Principles

- All HC educational requirements must be met prior to the granting of the baccalaureate degree.

- In applying to HC, students must meet all of HC's application deadlines and admission requirements to participate in this agreement. Admission to the BAS Computer Information Systems program is selective; candidates are admitted based on admissions requirements.

CIT - Network Support and Security

Associate of Applied Science Degree

Program Director: Chris Mee

The Computer Information Technology (CIT) Program prepares individuals to assume a role in computer support with skills and responsibilities in user support, hardware and software troubleshooting, basic system maintenance, and cybersecurity.

The Network Support & Security Degree prepares students for a career in supporting Local Area Networks (LAN) and Wide Area Networks (WAN) with a focus on the skills required to understand and manage the operation of a small and large computer network. The students will learn valuable technical skills to identify the security needs of an organization as well as be able to implement the appropriate protection and security of the system.

Upon completion of the Network Support & Security Degree, students will be able to successfully design, implement, manage and maintain effective network infrastructures; analyze data to determine security threats; and identify and prevent data threats and privacy invasion for both home and corporate clients as an entry level network technician/system administrator/system analyst/security analyst.

Outcomes

Graduates are prepared to:

- Utilize TCP/IP applications to prove their understanding of networking protocols used to control modern networking infrastructures.
- Develop an in-depth understanding of network security principles as well as the tools and configurations available within a network.
- Master the concepts of the theoretical OSI networking model.
- Secure network assets by exploring the mechanisms of ethical hacking and network defense.
- Create, secure, maintain, and troubleshoot both wired and wireless network infrastructures and infrastructure devices.
- Employ and master the skills needed to create, secure and maintain server based networks using both Microsoft Windows and open source Linux server systems.
- Develop and implement a logical troubleshooting, security, and maintenance system for Personal Computing systems.
- Prepare for networking support industry standard certifications such as: CCNA, CCNP, MCSA CompTIA Network+, CompTIA PenTest+, and CCNA Security

Estimated Cost

Estimated Resident Program Cost*

Tuition and Fees	$6,835
Application Fee	$30
Lab Fees	$245
Books/Supplies	$1,807
Total	$8,917

* Fall 2018 MUS Student Health Insurance Premiums will be changing. Please check the Health Insurance website (http://students.gfcmsu.edu/insurance.html) and/or Student Central for confirmed premium rates. Students will be charged an additional fee of $21 per credit for online/hybrid courses.

Program Requirements

Many students need preliminary math and writing courses before enrolling in the program requirements. These courses may increase the total number of program credits. Students should review their math and writing placement before planning out their full program schedules.

- A minimum cumulative grade point average of 2.5 is required for admission to, and completion of, the HC Computer Information Systems (CIS) BAS, and no less than a C- on any course that transfer to HC. The Courses must also have been completed within the last 5 years. If they were completed before that time frame, please consult the HC Baccalaureate Computer Information Systems Faculty Advisor or the Baccalaureate Director.

- The prerequisite requirements for Cybersecurity and Forensics (which are not Admissions requirements) include having coursework or equivalent in:
  - CIS 155: Introduction to Digital Forensics

- The AAS degree has a general education component and a total of 15 credits that comprise the AAS 62-64 credits of CIT – Network Support and Security and 15 credits of general education will apply toward completion of BAS in Cybersecurity and Forensics. Additional units may be transferred in at the discretion of HC Computer Information Systems (CIS). In all cases, transfer students must follow HC's General Education and Graduation requirements when completing these components of the program at NIC. Additional credit hours taken at GFC are recognized as important, but do not count toward upper division credits required by the BAS program.

Christopher Mee 25 Feb 19		_Amelia Phillips_ Date 21 Feb 2019	
Christopher Mee Date		Amelia Phillips Date	
Computer Technology Department Chair		BAS Program Lead	
Leanne Frost 2/26/19		_Raegan Copeland_ 2-20-19	
Leanne Frost Date		Raegan Copeland Date	
Director of General Studies Division		BAS Dean of Transfer	
Heidi Pasek 25 Feb 2019		_Jeff Wagnitz_ 2/19/19	
Heidi Pasek Date		Jeff Wagnitz, Date	
Chief Academic Officer		V.P. Academic Affairs	