



December 14, 2020

102<sup>nd</sup> Intelligence Wing

MEMORANDUM FOR RECORD

SUBJECT: Joint Cyber Analysis Course Program

#### Preamble

- A. Prospective Airmen who choose to complete a bachelor's degree at the University of Massachusetts Dartmouth (UMassD) and meet the admissions standards, will be granted a minimum of 30 credits in transfer for the Joint Cyber Analysis Course program in two degree programs: Computer Science and Computer Engineering. Airmen should consult Engineering Student Support & Services (ES<sup>3</sup>) advisor ([coesupport@umassd.edu](mailto:coesupport@umassd.edu)) early in the transfer process to discuss their options, how the credits will apply towards their chosen degree, including meeting degree residency requirements, and timeline to completion.
- B. UMassD will maintain a degree plan and clearly delineate courses to be taken for degree completion. This specified plan will be an informal contract between the two institutions and the students who choose to participate.

#### Computer Science Program & Software Engineering Option

1. The Joint Cyber Analysis Course (JCAC) Curriculum Outline of Instruction Objectives meet course equivalencies for transfer to the Computer Science Program at UMassD. The maximum number of transfer credits is 30, and between 24 and 27 credits are applied toward Computer Science degree requirements, depending on the [Computer Science Program: Software Engineering Option](#) (SEO) curriculum or [Computer Science Program: Standard Option](#) (SO) curriculum, respectively. Upon transfer, students will be able to complete the Bachelor's Degree in Computer Science in three years with full-time study at UMass Dartmouth. Prior to joining the degree program, airmen have the option to take up to three online courses as non-degree students through the Online and Continuing Education (OCE) office at UMass Dartmouth. Eventually, these courses will count toward degree requirements (see #2 below).
2. Prior to pursuing the Computer Science degree, airmen may opt for one or more courses from the following online set: CIS 183 (SO & SEO), CIS 322 (SO & SEO), and CIS 323 (SO only), which are used to substitute for the requirement of [CIS 180-Object-Oriented Prog I](#), [CIS 360-Algorithms & Data Struct](#), and [CIS 273-Comp Organiztn & Design](#), respectively, in combination with other transfer courses from JCAC. Airmen are strongly advised to discuss this option with an ES<sup>3</sup> advisor as it may impact their ability to use any GI/Veteran's benefits as non-degree students.

#### Computer Engineering Program

3. The Joint Cyber Analysis Course (JCAC) Curriculum Outline of Instruction Objectives meet course equivalencies for transfer to the Computer Engineering Program at UMassD. The maximum number of transfer credits is 34 credits, with 28 credits applied towards the [Computer Engineering](#) degree requirements. Upon transfer, students will be able to complete the Bachelor's degree in Computer Engineering in three years with full-time study at the University of Massachusetts Dartmouth. Airmen are strongly advised to discuss degree residency requirements with an ES<sup>3</sup> advisor.

Sincerely,

Jean VanderGheynst, PhD  
Dean, College of Engineering