CARROLL
COMMUNITY COLLEGE

COMPREHENSIVE ACADEMIC AFFAIRS PROGRAM REVIEW
EXECUTIVE SUMMARY
2023-2024

Program Title **Computer Information Systems (CIS)**	
Program Director/Coordinator **Matt Day**	
Division **Business and Technology**	**Division Chair** **Robert Brown**

Type of Program

Transfer Degree:	**Terminal Degree:**
☐ Associate of Arts (A.A.)	☒ Associate of Applied Science (A.A.S.)
☐ Associate of Arts in Teaching (A.A.T.)	**Certificate:**
☐ Associate of Fine Arts (A.F.A.)	☐ Directed Technology Certificate
☐ Associate of Science (A.S.)	☐ New Certificate Program within an Existing Degree Area
☐ Associate of Science in Engineering (A.S.E.)	☐ New Stand-Alone Certificate

Please provide the following information about the program based on the results of the Program Review. Use a bulleted format and do <u>not</u> exceed one page (front and back).

1. **Synopses of the significant findings**

   The Computer Information Systems program and its enrollment may be impacted (positively or negatively) by several external factors in the next few years, namely:
   - The new Computer Science program is launching in 2024.
   - The implementation of Maryland Blueprint.
   - Enrollment in Computer Science courses held at Carroll County high schools.
   - Adjustments made to education offered at the Career and Technology Center Cisco Academy.
   - The increased use of Artificial Intelligence in technology fields.

2. **Strengths of the program**
   - The program requires minimal on-campus college resources, as most software requirements are low or no cost, or courses are instructed online.
   - Synergies between the CIS, Cybersecurity and new Computer Science program may support or increase enrollment.

3. **Weaknesses of the program**
   - The majority of course sections are instructed by part-time adjunct faculty.
   - The program does not have a dedicated, full-time faculty member (Matt Day and Bobby Keller instruct primarily in Cybersecurity. Justin Frock instructs primarily in Computer Science).
   - The program does not align with a specific career or job title within the technology field, as

is the case with the other technology programs (Cybersecurity AAS - Cybersecurity Analyst; Computer Science AA – Computer Programmer).

4. **Plans for Improvement including timeline**
   - Annual assessment criteria are currently being revised and updated (Spring 2024).
   - An advisory group is being formed (to provide dual support to CIS and Computer Science) with the first meeting to be held in May 2024 (Spring 2024).
   - Monitoring of CIS enrollment impact will continue as the Computer Science degree launches in Fall 2024 (Fall 2024).

5. **Identification of weaknesses or deficiencies from the previous review and the status of improvements implemented or accomplished**
   - The program is now supported in part by a full-time faculty member, which is providing stability in the program.
   - The program now has expanded elective options that provide students with flexibility in curriculum planning.

6. **Budget/position requests (list the items and the costs)**
   - Full-time faculty position to support CIS, Computer Science, and Data Science (approx. $75,000 salary and benefits estimated total cost)

Signatures

Matt Day_____   4/30/2024_____
Program Director/Coordinator   Date

Robert Brown_____   4/24/2024_____
Division Chair   Date

Sharon Brunner   7/18/2024
Dean, Curriculum and Assessment   Date