## **Computer Studies**

## Certificate

## **Frederick Community College Pathway**



**Guided Pathway to Success** (GPS) Suggested schedules map your path to degree completion.

**Full-time student:** Follow the green semester blocks in order.

Part-time student: Follow the blue course sequence at your own pace.

Students should meet with an advisor each semester to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 for advising.

Students who require developmental English or math coursework will need additional semesters to complete their letter of recognition. Summer and January term classes may help students to make faster progress.



Take this course within the first 24 credits.



Milestone course – take within recommend credit range to stay on track for completion.



This course is offered in the fall semester only.



This course is offered in the spring semester only.

| Recommended First Semester |                             |  |           |
|----------------------------|-----------------------------|--|-----------|
| 1                          | Departmental<br>Requirement | CMIS 106 - Object Design and Programming                                 | 3 credits |
| 2                          | Departmental<br>Requirement | CMIS 120 - PC Operating Systems  | 3 credits |
| 3                          | Departmental<br>Requirement | CMIS 121 - PC Repairs and Diagnostics                                    | 3 credits |
| 2                          | Recommended Second Semester |  |           |
| 4                          | Departmental<br>Requirement | CMIS 203 - Systems Analysis & Design                                     | 4 credits |
| 5                          | Departmental<br>Requirement | CMIS 179 - Cybersecurity Fundamentals or CMIS 218 - Information Security | 3 credits |
| 6                          | Departmental<br>Requirement | Any BGMT, CMIS, or INTR course   | 3 credits |
| 7                          | Departmental<br>Requirement | Any BGMT, CMIS, or INTR course   | 3 credits |