

# Dual Enrollment Option B

## Cyber Security



High School Graduation Option B offers qualified students an alternate path to high school graduation. Students choose to simultaneously earn a high school diploma and a college Associate Degree, or a Technical Diploma, or two (2) Technical Certificates of Credit in a specific career pathway. The dual enrollment funding program cap of 30 credit hours applies.

**Complete all required high school courses:**

- 2 English: American Literature & Another
- 2 Math: Algebra 1 or Coordinate Algebra & Another
- 2 Science: Biology & Another
- 2 Social Studies: \*beginning with freshman class
- 2022-23, students will be required to take Personal Finance, Economics & American Government
- 1 Health/PE
- All required Milestone/EOC Exams



**Complete any of the following Technical**

- College Credentials:**
- Any one Associate Degree
  - Any one Diploma Program
  - Two TCCs from approved list

**High School Graduation Option B: Cyber Security - Two Technical Certificate of Credit Option**

**Technical Certificates:** Cyber Security Fundamentals (CW71) and Cyber Security (IS81)

**Locations:** Macon | Milledgeville | Warner Robins | Online

**Entry Points:** Fall, Spring, and Summer

**Total Semesters Needed:** 4-5

**Total Credit Hours:** 50 credit hours for certificates. Dual enrollment funding can cover 30 credit hours. The remaining 20 credit hours can be covered by HOPE/Hope Career Grant \*residency requirements & separate application applies, or a student can choose to self-pay.

Schedule Option A (more classes in Fall & Spring, no Summer classes)		Schedule Option B (fewer classes per term, but includes Summer classes)	
Fall 1	CIST 1001 & CIST 1135	Fall 1	CIST 1001 & CIST 1135
Spring 1	CIST 1122, CIST 1401, & CIST 1601	Spring 1	CIST 1122 & CIST 1401
Fall 2	CIST 1602, CIST 2601, & CIST 2602	Summer 1	CIST 1601 & CIST 1602
Spring 2	CIST 2611, CIST 2612, & CIST 2613	Fall 2	CIST 2601 & CIST 2602
		Spring 2	CIST 2611 & CIST 2612
		Summer 2	CIST 2613

\*Subject to change

**If you need additional information, contact us:**

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### Cyber Security Fundamentals (CW71)

Course #	Pre/Co. Req.	Course Requirements (In suggested sequence)	Seq.	Term Offered*	Credit Hours
CIST 1001	None	Computer Concepts	1	Fall, Spring, Sum	4
CIST 1122	None	Hardware Installation & Maintenance	2	Fall & Spring	4
CIST 1401	None	Computer Networking Fundamentals	2	Fall & Spring	4
CIST 1601	None	Information Security Fundamentals	2/3	Fall, Spring, Sum	3
CIST 1602	None	Security Policies & Procedures	3	Fall & Spring	3
<b>Total Hours:</b>					18

### Cyber Security (IS81)

Course #	Pre/Co. Req.	Course Requirements (In suggested sequence)	Seq.	Term Offered*	Credit Hours
CIST 1135	None	Operating Systems & Virtual/Cloud Computing	1	Fall, Spring, Sum	4
CIST 1601	None	Information Security Fundamentals	2	Fall, Spring, Sum	3
CIST 1602	None	Security Policies & Procedures	2/3	Fall, Spring, Sum	3
CIST 2601	*CIST 1401 & 1135* CIST 1601	Implementing Operating Systems	3/4	Spring	3
CIST 2602	*CIST 1401 & 1122* CIST 1601	Networking Security	3/4	Spring	4
CIST 2611	*CIST 1401 & 1122* CIST 1601	Implementing Internet/Internet Firewalls	4	Fall & Summer	4
CIST 2612	*CIST 1401 & 1122* CIST 1601	Computer Forensics	4	Fall & Summer	4
CIST 2613	*CIST 1401 & 1122* CIST 1601	Ethical Hacking & Penetration Testing	4/5	Fall, Spring, Sum	4
<b>Total Hours:</b>					29

\*Subject to change

\*Suggested to be taken before or with course.