Course Sequencing		
Year	**Quarter**	**Subject**
First Year	Fall	CSIA 300 (Cyber Security & Information Assurance) CSIA 420 (Cyber Crime and Terrorism) CSIA 320 (Ethical Hacking)
	Winter	CSIA 330 (Wireless Security) CSIA 410 (Cryptology) CSIA 430 (UNIX Administration & Security)
	Spring	CSIA 310 (E-Commerce Security) CSIA 440 (Cyber Testing & Penetration) CSIA 450 (Cyber Security Capstone)
	Summer	PHIL 305 (Professional Ethics) ENVS& 101 (Intro to Environmental Science w/ Lab)
Second Year	Fall	ICS 310 (American Diversity) ENGL 410 (Professional & Organizational Communication) SOC 305 (Cybercrime: A Sociological Perspective)
	Winter	CMST 415 (Applied Professional Communication) ECON 305 (Managerial Economics), NUTR& 101 (Nutrition)
	Spring	PROJ 100 (Intro to Project Management) ***this course could be added to a previous term or taken summer prior to start

The plan above is only a sample. If you want to see all of the courses we offer, please visit our online catalog here!

BEFORE YOU START

This map is for students who have completed an AAS degree in IT. If you completed an AA-DTA degree, please see the corresponding map. In addition to earning your associate degree or 90 college-level credits from an academic transfer institution, you must also have completed the following prerequisites:

- At least one 100+ level math course with a minimum grade of 2.0
- ENGL& 101 or the equivalent course with a minimum grade of 2.0

Requirements Checklist:

- Completed online CBC Application for Admission (for new CBC students only)
- Completed CBC BAS application
- Official transcript(s)*, sealed, verifying;
  - Your completion of two-year degree and/or all other college credits earned
  - Your completion of the program prerequisites, if applicable
- Resume (maximum three pages)

*For applicants who are current/past CBC students or CBC graduates: If you already have your academic records at CBC (e.g., CBC courses, courses from other institutions), you are NOT required to submit official transcript(s) with your application.
*You may submit your application while waiting for your official transcript(s) to arrive. The application will not be processed until the transcript(s) are received. Official transcripts must be received in a sealed envelope or sent electronically through our Washington State Student Management System (SMS), or authorized online service provider.

ABOUT THE PROGRAM

The study of Cyber Security provides students with limitless opportunities in the Information Security workforce. With current technologies integrated into the Cyber Security curriculum, connections with area employers, and skills gained from cyber competitions, the Cyber Security program at Columbia Basin College (CBC) prepares students like you for success!

Our connections extend beyond the classroom and facilitate internships as well as contests where students can earn awards of recognition, and volunteer work in the community to enhance your holistic growth. Students can also build new connections of their own within our thriving extra-curricular clubs run by students like you. Start your path at CBC with the fundamental skills you'll need to accomplish your career goals of doing what you love and increasing your income potential by joining this growing industry.

Program Level Outcomes for Computer Science
Program learning outcomes are the knowledge, skills and abilities that students will achieve before they graduate. The outcomes below were developed by the faculty in the Computer Science program at CBC with input from accrediting bodies, advisory committees, employers, etc. This collaboration ensures that the outcomes are relevant for careers that this degree leads to.
Throughout the Computer Science program, students will accomplish the following Program Level Outcomes (PLOs):

1. Solve a problem using appropriate computing algorithms and techniques.
2. Analyze impact of computer systems on organizations, society and the individual.
3. Apply concepts relating to computer systems (database systems, security, hardware, software, programming languages and networks).
4. Perform the basics of computer and network security.
5. Discuss the professional, ethical and societal issues and responsibility.
6. Communicate with customers, supervisors and co-workers.
7. Identify risks, assess threats and develop solutions to protect computer assets and data

OUT OF CLASS TO DO'S

- Contact your instructors and/or the CBC Career Services Center to find an internship, observation/shadowing experience, or a job in the cyber security field.
- Visit the Academic Success Center for quiet study space, small group study, supplemental instruction and tutoring assistance.

CAREER OPPORTUNITIES

There are many opportunities for students to start and advance their careers within cyber security, including:

- Cyber Security Specialist/Technician
- Cyber Crime Analyst/Investigator
- Incident Analyst/Responder

FAQs

Class Times/Delivery Format
Classes are offered in a variety of formats, including in-person, online and hybrid.

Length of Program
After completing an AAS degree in IT, full-time students typically complete the BAS program in an additional 7 quarters.

Which Quarter Can I Begin?
You can begin any quarter!

APPLY FOR FINANCIAL AID OR OTHER FUNDING

Please complete:

The FAFSA application: The Free Application for Federal Student Aid (FAFSA) provides financial aid for U.S. citizens and eligible non-citizens, such as permanent residents. Visit the [FAFSA website](#) to create your FSA ID and to complete your application.

OR

The WASFA application: The Washington Application for State Financial Aid (WASFA) is for DACA or HB 1079 undocumented students. Visit the [Washington Student Achievement Council website](#) to complete your WASFA application.

Did you know??? You can apply for CBC scholarships two times every year! Click [here](#) for more information!

PLEASE NOTE: This document represents a sample plan for degree completion with this program of study. Actual course selection and sequence may vary and should be discussed individually with your Completion Coach. Completion Coaches can also help you plan other experiences to enrich your education such as internships, research, learning communities, and campus involvement and community-based learning.

Office Hours: Monday to Thursday 7 am to 4:30 pm; Friday 7 am to noon

LEARN MORE | @ **computerscience@columbiabasin.edu** | 📞 **509.544.2262** | 📍 **2600 N. 20th Ave., Pasco, WA 99301**