

Course Sequencing		
Year	Quarter	Subject
First Year	Fall	CS 101 (Intro to Computers & Info Tech) MATH& 141 (Precalculus 1), 142 (Precalculus 2), 144 (Precalculus 1 & 2), 146 (Intro to Stats), &148 (Business Calculus) OR &151 (Calculus 1) HDEV 101 OR 102 (Creating Academic Success OR College Connections) FYI 101 (First Year Introduction)
	Winter	CS 102 (Programming Fundamentals) OR 131 (Computer Science I C++) CS 106 (Database Systems) CS 150 (Computer Security)
	Spring	ENGL& 101 (English Comp 1) CS 117 (Computer Ethics) CS 118 (Customer Service) CS 228 (Windows Server) ***short certificate will be earned upon successful completion of this quarter; students completing the short certificate are not required to complete math or English)
	Summer	CMST 104 (Speech Essentials) OR 110 (Communication Behavior) OR &210 (Interpersonal Communication) OR &220 (Public Speaking) OR 260 (Multicultural Communication) SOC& 101 (Intro to Sociology) OR &201 (Social Problems) ***1 year certificate will be earned upon successful completion of this quarter
Second Year	Fall	CS& 141 (Computer Science 1 Java) CS 135 (Cloud Fundamentals) CS 232 (Network Security)
	Winter	CS 236 (Advanced Objected Oriented Programming) CS 250 (HTML5-JavaScript/JQuery)
	Spring	CS 225 (SQL Server Programming) CS 202 (Programming Fundamentals 2) OR 162 (C++2) CS 206 (Database Design) ***AAS degree will be earned upon successful completion of this quarter

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

Ready to get started? To begin working towards the certificate or AAS degree, you simply need to apply and be accepted to CBC. You can apply online at www.columbiabasin.edu.

ABOUT THE PROGRAM

The study of Information Technology (IT) provides students with limitless opportunities in the IT workforce. With current technologies integrated into the IT curriculum along with connections with area employers, CBC's IT program prepares students like you for success!

You may be interested in a career in IT if you:

- Enjoy solving complex problems and designing solutions
- Express creativity through the use of an ever-expanding set of tools
- Enjoy analyzing data for decision making using real-world scenarios
- Are interested in applying logical and quantitative reasoning to analyze IT problems to meet organizational needs

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 IT field.
- Visit the Academic Success Center for quiet study space, small group study, supplemental instruction and tutoring assistance.

FAQs

Class Times/Delivery Format

Classes are offered in a variety of formats, including in-person, online and hybrid.

Length of Program

Full-time students can complete the AAS in two years.

Which Quarter Can I Begin?

You can begin any quarter!

CAREER OPPORTUNITIES

Information Technology (IT) careers are available in every sector of the economy. CBC's IT program will introduce you to a variety of interesting careers, including Data Analyst, Software Developer, Database Administrator, Tech Support and Business Intelligence (BI) Developer.

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 |



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