



2023-24 Associate in Science Transfer (AS-T2) Engineering, Computer Science, Physics Emphasis Map

Course Sequencing		
Year	Quarter	Subject
First Year	Fall	ECON& 201 (Micro Economics) MATH& 141 (Precalculus 1) HDEV 101 OR 102 (Creating Academic Success OR College Connections) FYI 101 (First Year Introduction)
	Winter	MATH& 142 (Precalculus 2) CHEM& 140 (Gen Chemistry Prep w/ Lab) ENGL& 101 (English Comp 1)
	Spring	MATH& 151 (Calculus 1) CHEM& 161 (Gen Chemistry 1 w/ Lab) ENGL& 111 (Intro to Lit) CS 102 OR 131 (Programming Fundamentals OR Computer Science 1 C++)
Second Year	Fall	PHYS& 221 (Engineering Physics 1 w/ Lab) MATH& 152 (Calculus 2) SOC& 101 (Intro to Sociology)
	Winter	PHYS& 222 (Engineering Physics 2 w/ Lab) CHEM& 162 (Gen Chemistry 2 w/ Lab) MATH& 146 or &153 (Intro to Statistics OR Calculus 3)
	Spring	PHYS& 223 (Engineering Physics 3 w/ Lab) CHEM& 163 (Gen Chemistry 3 w/ Lab) ECON& 202 (Macro Economics)

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 AS-T2 degree, you simply need to apply and be accepted to CBC. You can apply online at www.columbiabasin.edu.

ABOUT THE PROGRAM

Are you an analytical thinker? Are you curious, a puzzle solver or an innovator? Do you like to build things from the smallest particles to the largest structures? A career in the School of Math, Science & Engineering may be for you! Studies in physical and life sciences, math and engineering can lead to careers in the fields of biology, chemistry, engineering, environmental science, nutrition, physics and more. The School of Math, Science & Engineering helps students understand the universe we live in and develop the skills necessary to make the world a better place to live and work.

Take advantage of quality instructors, low tuition, and small class sizes by completing your first 90 credits at CBC and then transferring to a four-year institution.

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 a science-related field.
- Research transfer schools of interest with your Completion Coach.
- Visit the Academic Success Center for quiet study space, small group study, supplemental instruction and tutoring assistance.

CAREER OPPORTUNITIES

You can use your AS-T2 degree as a spring board into many areas of study at four-year institutions, including:

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- General Engineering
- Computer Science
- Cybersecurity
- Physics

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 AA-DTA in two years.

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 |



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