

Course Sequencing		
Year	Quarter	Subject
First Year	Fall	ENT 111 (Intro to Engineering) ENT 114 (Intro to Drafting) ENT 128 (Architecture & Engineering Blueprint Reading) MATH& 141 (Precalculus 1) HDEV 101 OR 102 (Creating Academic Success OR College Connections) FYI 101 (First Year Introduction)
	Winter	ENT 121 (Engineering Fundamentals w/ Lab) ENT 122 (Materials) ENT 124 (Intermediate Drafting) MATH& 142 OR 113 (Precalculus 2 OR Geometry/Trigonometry)
	Spring	ENT 134 (Surveying w/ Lab) ENT 135 (Statics) ENT 136 (Advanced Drafting)
	Summer	ENGL& 101 (English Composition 1) PSYC& 100 (General Psychology)
Second Year	Fall	ENT 214 (Strength of Materials) ENT 216 (Mechanical Drafting & Design) ENT 219 (Construction Estimating) PHYS& 114 (General Physics 1 w/ Lab)
	Winter	ENT 224 (Structures) ENT 226 (Architectural/Structural Drafting) ENT 229 (Constructions Specifications) PHYS& 115 (General Physics 2 w/ Lab)
	Spring	ENT 236 (Design) ENT 238 (Electricity) PHYS& 116 (General Physics 3 w/ Lab) OR ENGL& 235 (Technical Writing) CMST& 101, 104, 110, &210 or 260 (Intro to Comm Studies OR Speech Essentials OR Communication Behavior OR Interpersonal Communication OR Multicultural Communication)

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

ABOUT THE PROGRAM

Engineering Technology education focuses on problem-solving specifically involving lab and technical skills. The two-year program at Columbia Basin College (CBC) provides you with valuable knowledge and the skills you will need to secure a rewarding career in the engineering field. You'll develop problem-solving abilities, technical drafting skills and receive exposure to the many disciplines of engineering. You'll also gain hands-on experience with real-world equipment and computer programs, including generating physical models in our 3D design lab.

Practical training: CBC utilizes up-to-date technology and programming to train you to solve real-world problems and generate innovative solutions. Our 3D design lab provides you with the hands-on learning you need to feel comfortable in this field. **Employment qualified:** Engineering technicians (graduates of associate degree programs like this one) contribute greatly to the modern engineering industry as vital members of engineering teams.

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

CAREER OPPORTUNITIES

Engineering is a vast discipline with many areas of study. Graduates from the Engineering Technology program generally find application-oriented careers in manufacturing, field service, marketing and technical sales and teams. No matter your interests, you'll find a career that makes a difference:

- Study robotics to improve global productivity.
- Reduce carbon emissions by engineering renewable energy storage methods.
- Enhance lives with improved prosthetic and mobility products.
- Open up new markets by innovating in communications and computing.
- Improve safety and reduce carbon emissions for future automobiles.
- Enhance flight safety or reach for the stars with aerospace innovations.
- Work with water and wastewater projects to prevent disease and keep the environment clean.
- Improve safety through well-designed roads and bridges or aid in disaster relief through storm water projects that reduce damage caused by flooding.

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!

Whether you're working on the cutting edge of innovation or keeping vital, day-to-day power and communications running smoothly for your community, engineering technology is one of the most essential areas of study in today's world..

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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