

ADMISSIONS

DEGREE SEEKING

The Nuclear Technology program has a competitive admissions process. Applications are due the spring of each year (priority deadline); and continue being accepted through the summer based on space availability. New students begin each fall. For entrance requirements and application information attend an Information Session.

NON-DEGREE SEEKING

Students may take individual courses for continued education, degree exploration, personal enrichment, incumbent worker training, and counts as a "restrictive elective." A maximum of 15 credit hours may be taken before a student must apply and be accepted into the Nuclear Technology program. Course enrollment is based on seat availability and Nuclear Technology Director's approval.



Take the next step.
Learn more.

For detailed information regarding
degree requirements and course descriptions,
log on to:

columbiabasin.edu/nt

or email

nuctech@columbiabasin.edu

Attend an Information Session

Visit the Nuclear Technology web page for
Info Session dates and times.



2600 North 20th Ave.
Pasco, WA 99301-3379



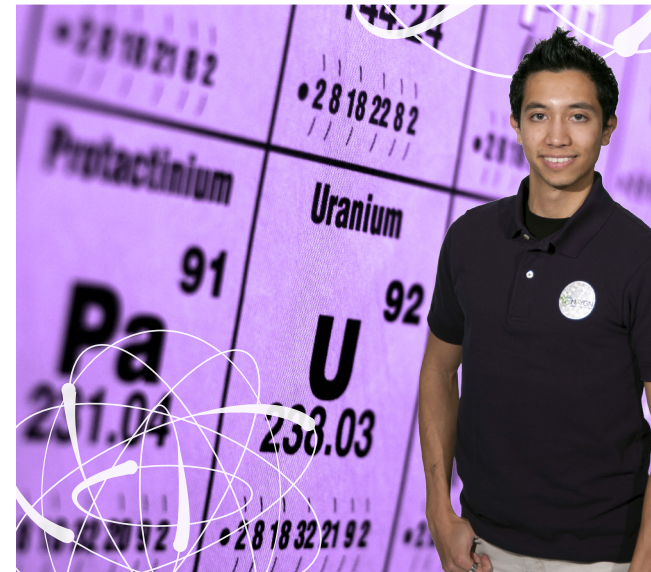
Visit us on the Internet at columbiabasin.edu/nt

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Columbia Basin College complies with the spirit and letter of state and federal laws, regulations and executive orders pertaining to civil rights, Title IX, equal opportunity and affirmative action. CBC does not discriminate on the basis of race, color, creed, religion, national or ethnic origin, parental status or families with children, marital status, sex (gender), sexual orientation, gender identity or expression, age, genetic information, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability, or the use of a trained dog guide or service animal (allowed by law) by a person with a disability, or any other prohibited basis in its educational programs or employment. Questions or complaints may be referred to Camilla Glatt, Vice President for Human Resources & Legal Affairs and CBC's Title IX Coordinator at (509) 542-5548. Individuals with disabilities are encouraged to participate in all college sponsored events and programs. If you have a disability, and require an accommodation, please contact the CBC Resource Center at (509) 542-4412 or the Washington Relay Service at 711 or 1-800-833-6384. This notice is available in alternative media by request.



NUCLEAR TECHNOLOGY



columbiabasin.edu/nt

(The) knowledge I gained during my course studies and the continuous knowledge I gain on a day-to-day basis was enough for me to land an internship and a full-time health physics position.

Mandy Gustafson

Nuclear Technology Radiation Protection Technician Graduate



Health Physics Technician at PermaFix

PROGRAM DESIGN

CBC is one of only 25 colleges in the US who are part of the National Uniform Curriculum Program (NUCP) and the only one in Washington State. Moreover, the program is nationally accredited by the Institute for Nuclear Power Operations (INPO) and can offer a national certificate. Core nuclear curriculum is taught in the evenings, with the possibility of a weekend course; while general education requirements can be taken online or during the day.

NUCLEAR & BEYOND

Because the program meets both INPO and Dept. of Energy standards, graduates can work within the nuclear industry in areas such as nuclear power plant operating and processing facilities, disposal of nuclear waste, national laboratories, and other nuclear applications. Operators and Instrumentation and Control Technicians have transferable skills that provide options of working in additional industries, such as energy generation (wind, hydro, gas, and oil), process operations, and manufacturing.

INDUSTRY SUPPORT

Through partnership with Energy Northwest (EN), CBC is able to be a part of the NUCP and maintain program accreditation. Additional support from EN, Washington River Protection Solutions, Mission Support Alliance, AREVA, Pacific Northwest National Laboratory, and others allow for scholarships, excellent faculty, internships, and program support.

HANDS-ON LEARNING

Training for a technical career requires hands-on lab experience. The core classes cover nuclear math and physics, radiation safety, nuclear facilities, electricity, and power transmission while incorporating hands-on lab activities. In addition, students participate in an internship to gain real-world industry experience. General education classes including writing, science, mathematics, human relations, and communications are also part of the curriculum.

EMPLOYMENT

Median Salary: \$69,000-\$72,000*

**99 U.S. operating reactors;
5 under new construction**

Opportunities for advancement

Local and national need

**...Variety of employment
opportunities outside of nuclear**

95% employment rate**

*2013 data per NEI.org

**Reported 2014 graduates

DEGREES & CERTIFICATIONS

CBC offers one-year certificates and two-year Associate of Applied Science (AAS) Degrees in Nuclear Technology in three options:

- Non-licensed Nuclear Operator (operations)
- Radiation Protection Technician
- Instrumentation and Control Technician.

Students working toward the AAS degree earn a Nuclear Technology one-year certificate upon successful completion of their first-year requirements. Atop of the AAS degree, graduates also earn **one year of nuclear power plant experience**, and may also earn the following certifications:

- National Academy for Nuclear Training Certificate*
- DOE Radiological Control Technician CORE
- 40-hour HAZWOPER
- RP Fundamentals/NUF
- Plant Access
- Radiation Worker
- Power Plant Operator Selection System (POSS)
- Power Plant Maintenance Selection System (MASS)



**Must earn a 2.6 GPA in specified nuclear curriculum.*



"CBC provided me with specific training that was applicable for the nuclear industry; and specifically for Energy Northwest – Columbia Generating Station."

Nathan Potter

Graduate | In-grade Operator at Energy Northwest