

# SCHOOL OF CONSTRUCTION AND THE ENVIRONMENT

## SUPERVISING NET-ZERO & PASSIVE HOUSE CONSTRUCTION



The **Supervising Net-Zero and Passive House Construction** micro-credential is for individuals in the construction industry to gain the skills, knowledge, and tools unique to supervising construction on Net-Zero, Net-Zero-Ready, or Passive House construction projects.

Whether you want to coordinate and supervise smaller teams and sub-trades on smaller projects (Part 9 buildings) or work with larger teams on complex projects (larger Part 9 or Part 3 wood-frame buildings), you will develop your ability to manage compliance with the performance requirements of BC Energy Step Code and Passive House standards and prepare for the upcoming changes to the National Building Code.

The micro-credential consists of five courses that build upon each other in knowledge and focus on practical examples in wood-frame buildings. Upon completion, you will have:

- Confidence to ensure project compliance with performance requirements and compliance process of the BC Energy Step Code and Passive House standard
- In-depth knowledge to inform design, coordinate work, and control construction quality to achieve airtightness and enclosure (low-TEDI) performance levels
- Experience with tools and strategies to support site supervision activities gained with coaching from seasoned industry leaders

### FREE TUITION ON LAST 2 COURSES!

We are offering free tuition on the last two courses (XZEB 1171 and XZEB 1173) for 20 students. To apply for this limited offer, email Mary McWilliam to reserve your spot. Free tuition will be allocated on a 'first come first serve' basis.

More information: [mmcwilliam3@bcit.ca](mailto:mmcwilliam3@bcit.ca) | 604.202.9256 | [bcit.ca/zero-energy-buildings](https://bcit.ca/zero-energy-buildings)

—  
EDUCATION  
FOR A COMPLEX WORLD.



# COURSES AND COMPLETION SCHEDULE

The **Supervising Net-Zero and Passive House Construction** micro-credential can be earned over two terms, completing the required five courses as follows:

## **TERM 1: starting April 2022, September 2022, and January 2023 evenings and online**

**3 courses, 4 credits, 48 hours of learning time**

**delivered evenings and 100% online**

- [XZEB 1001](#) Fundamentals of Zero Energy/Emissions and Passive House Buildings
- [XZEB 1120](#) Airtightness and Low-TEDI Enclosures of Zero Energy/Emissions and Passive House Buildings
- [XZEB 1146](#) Mechanical and Electrical Essentials for Zero Energy/Emissions and Passive House Buildings

## **TERM 2: starting September 2022, January 2023, and April 2023 evenings and online**

**2 courses, 4 credits, 18 hours of learning time + 30 hrs for applied project**

**delivered evenings and 100% online**

- [XZEB 1171](#) Site Supervision of Zero Energy/Emissions and Passive House Construction
- [XZEB 1173](#) Applied Project for Site Supervision of Zero Energy/Emissions and Passive House Construction

## **COMPLEMENTARY COURSES: offered 3 times annually**

*Optional 2.0 credit, 24 learning hours, hands-on lab:*

- [XZEB 1130](#) Airtightness and Low-TEDI Enclosures Lab for Zero Energy/Emissions and Passive House Buildings



ARCHITECTURAL INSTITUTE  
OF BRITISH COLUMBIA

Recognized Educational Provider

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

3700 Willingdon Avenue, Burnaby, British Columbia V5G 3H2

More information: [mmcwilliam3@bcit.ca](mailto:mmcwilliam3@bcit.ca) | 604.202.9256 | [bcit.ca/zero-energy-buildings](http://bcit.ca/zero-energy-buildings)

