



ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA

2024 Professional Development Opportunities

The following is a list of the AIBC-offered Professional Development opportunities which were delivered in 2024, including an overview of the session and the dates they were hosted. For more information about AIBC PD opportunities, please visit the [website](#).

2024 Certified Professional (CP) Course

The 2024 Certified Professional (CP) Course will be based on the new *2023 BC Building Code*, which is expected to be implemented in December 2023, and the 2019 Vancouver Building By-law. Please note that for 2024, the CP Course will be conducted online, with the CP Exams taking place in-person.

Potential participants are encouraged to explore the possibility of partial grant funding for the courses, through the WorkBC BC Employer Training Grant. To learn more, visit the Government of BC's Workforce Training Stream [webpage](#).

Certified Professional Program Overview

The CP Program is an alternative to the conventional building permit and inspection process adopted by Vancouver, Surrey, Abbotsford, West Vancouver, University Endowment Lands, District of Squamish, Tsleil-Waututh Nation, and Squamish Nation (Senakw). Through the program, participating Authorities Having Jurisdiction can issue a building permit on the assurances of a CP, who also must be a registered professional (such as a professional engineer or architect).

Although anyone may take the CP Course, only architects and professional engineers may practice as CPs. Intern Architects AIBC and engineers-in-training who meet all CP Course requirements and pass the CP Exams will be able to practice as CPs when they become registered as architects or professional engineers.

2024 Certified Professional Course Schedule

The CP Course schedule consists of 12 full-day sessions on Wednesdays from January 10 to April 10, 2024. There are no classes on February 28 or March 20, 2024. There is one half-day tutorial on April 17, 2024. The CP Course concludes with 2 full-day exams May 1 and May 8, 2024. The exams will be conducted in-person and in a manner that follows government guidance on health and safety.

The cost for the CP Course is \$5,700+GST.

2024 Advanced Code Knowledge Course

The ACK Course is designed to provide advanced building code knowledge without CP certification. It provides all the content of the CP course, but excludes exams, projects, and site tours.

Please note that for 2024, the ACK course will take place online.

2024 Advanced Code Knowledge Course Schedule

The ACK Course comprises seven full-day sessions on Wednesdays from January 10 to February 21, 2024.

The ACK course costs \$3,650+GST.

AIBC Governance Sessions

The AIBC Governance Session provides Registrants with an overview of the AIBC's governance, the role of the regulator, and fiduciary responsibilities. The session is designed for those interested in putting their name forward for the AIBC Board in 2024 or future years, as well as current AIBC volunteers. Please note that attendance is mandatory for Board nominees, including Registrant Board Members seeking re-election, to be eligible for nomination by the Nomination Committee.

Presented by Kathy McLaughlin, governance specialist and Principal of McLaughlin & Associates, and Thomas Lutes, Deputy CEO and General Counsel at the AIBC, the Governance Session covers many important topics that are helpful and necessary for volunteers as well as prospective Board Members, including:

- Policy governance model
- Fiduciary duties
- Role of the regulator

A live online session will be hosted on February 22, 2024, from 12 to 2 p.m. via Zoom. If you are unable to attend the live session, there will be an opportunity to view the recording on March 1 and participate in a live Q&A.

AIBC Governance Sessions

Date: February 22 (Live) | March 1 (Recorded viewing with live Q&A)

Time: 12 – 2 p.m.

Location: Online via Zoom

Learning Units (LUs): 2 Core

Digital Transformation in the Housing Construction Sector

The Ministry of Housing's Digital Delivery team is working with partners from across the housing construction sector to improve the permitting experience for new housing and encourage the use of tools and practices that will position British Columbia as a leader in digital permitting and construction. The Ministry will speak to the work underway on developing a new digital building permit tool, making the BC Building Code machine-readable, and developing a set of standardized housing designs. In combination, these actions will enable more detailed designs earlier in the construction process and more automated permit reviews, as

well as remove barriers to off-site construction. Through the session, architects will have an opportunity to share and discuss what a successful transition to digital processes looks like and how the Ministry can best support existing best practices.

Presenter: Zachary May, Executive Director, Housing Innovations, Ministry of Housing

This session will be offered remotely via Zoom. The Zoom link to attend the session will be emailed to all attendees separately, after registration closes.

Note that subsidized pricing is available for Intern Architects AIBC and Retired Architects AIBC – to receive the pricing code, please email professionaldevelopment@aibc.ca prior to registering.

- **Date:** Thursday, February 29, 2024
- **Time:** 12 – 1:30 p.m.
- **Cost:** \$75 + GST (Architects AIBC & Architectural Technologists AIBC); \$60 + GST (Intern Architects AIBC & Retired Architects AIBC)
- **Location:** Online via Zoom
- **Learning Units (LUs):** 1.5 Core

2024 BC Building code Update Course

***AIBC Note:** Please be advised that the 2024 BC Building Code Update Course is not a substitute or replacement of the mandatory Internship in Architecture Program BC Building Code course.*

Registration for the 2024 BC Building Code Update Course, presented by the AIBC, is now open. The course will take place virtually on **Tuesday, March 26, 2024.**

As was [recently announced](#), the new 2024 BC Building and Plumbing Code comes into effect on March 8, 2024, and will apply to building permits applied for on or after that date. This course will focus on Parts 1, 2 and 3 of the BC Building Code. The 2024 BC Building Code includes most of the 2020 National Building code updates, but there are some BC-specific Code changes.

To download a free PDF copy of the 2024 BC Codes, please visit the [Building and Safety Standards' website](#). Print publications and a more interactive online version are expected to become available closer to the implementation date.

The 2024 BC Building Code Update Course is a full-day session with scheduled breaks and lunch, and eligible for continuing education credit. AIBC CES Participants will earn up to 6.5 Core Learning Units (LUs) for attending. This session will be offered remotely via Zoom. The Zoom link will be emailed to all attendees separately, after registration closes.

Registration is open to all; however, attendance is mandatory for Certified Professionals (CPs). CPs who are unable to attend the live session must contact the AIBC to make alternate viewing arrangements.

Note that subsidized pricing is available for Intern Architects AIBC and Engineers-in-Training – to receive the pricing code, please email professionaldevelopment@aibc.ca prior to registering.

Date: Tuesday, March 26, 2024

Time: 8:30 a.m.–4:30 p.m.

Location: Zoom

Cost: \$450 + GST (\$360 + GST for Intern Architects AIBC and Engineers-in-Training)

Learning Units: 6.5 Core LUs

For registration questions, please contact professionaldevelopment@aibc.ca. By registering you agree to the BC Building Code Update Course policies.

Post-Disaster Building Assessment Training Workshop - Spring

The AIBC is hosting the 2024 Spring Post-Disaster Building Assessment (PDBA) Training Workshop virtually on **May 9 and 16, 2024**.

AIBC Registrants, architectural students, and those with building construction expertise who are interested in participating in Post-Disaster Building Assessment are required to take training that aligns with the provincial and international protocols and standards. Upon completion of the course, participants will be eligible to register with BC Housing as a post-disaster building assessor.

PDBA Training Workshop Overview

Taking place over two half-days, the workshop will prepare participants to perform rapid post-disaster building assessments. Workshop content includes an overview of the following:

- Earthquake hazards, building types, and common forms of construction in British Columbia
- Structural basics, in the context of post-disaster building assessments, with a focus on seismic risk
- Different levels of response, including the regional context of the Lower Mainland
- The ATC-20 and BC Housing field guides

Attendees will also learn about relevant case studies and hear from field experts about their experiences with PDBA. Representatives from BC Housing and City of Vancouver will provide updates regarding preparedness initiatives and anticipated response strategies.

A series of exercises will be part of the training to help participants apply some of the concepts to case studies and prepare for their role as a PDBA assessor. Be prepared to share and contribute your thoughts, have your cameras and mics on when needed, and collaborate with others during group work. Registration cost includes hard copies of the ATC-20 and ATC-45 manuals.

Date: Thursday, May 9 and 16, 2024

Time: 8:30 a.m.– 1 p.m.

Location: Online via Zoom

Cost: \$375 + GST

Learning Units: 8 Core

This session will be presented by members of Read Jones Christoffersen Ltd: Dennis Gam, M.Eng. P.Eng. Principal; Adam Lubell, PhD, P.Eng., Struct.Eng., Associate; and James Munro, P.Eng., Struct.Eng., PE (CA), Principal.

Additional presenters include Robyn Fenton Architect AIBC, AIBC Post-Disaster Liaison; Kelly Anderson, P.Eng., CP, Manager of the Building Review Branch of the City of Vancouver; Saul Schwebs Architect AIBC, CBO and Director of Building Policy, Inspections & Bylaw Services of the City of Vancouver; and Pat Cullen, Security and Emergency Services Coordinator, BC Housing.

[Learn more about the Post-Disaster Building Assessment Program](#)

Enclosure Design for Radon Control in British Columbia

“Enclosure Design for Radon Control in British Columbia” was part of the AIBC’s Summer 2024 PD Series.

This session will provide an introduction to radon, associated hazards, and design considerations. The focus will be on the roles and responsibilities of the various members of multidisciplinary design teams and considerations for radon control in enclosure design. The requirements in the BC Building Code, including the recent code update, will be discussed including relevant reference standards.

Date: Thursday, June 6, 2024

Time: 12 – 1:30 p.m.

Location: Online via Zoom

Cost: \$75 (Architect AIBC & Architectural Technologist AIBC); \$60 (Intern Architect AIBC & Retired Architect AIBC)

Learning Units (LUs): 1.5 Core

Presenters: Robin Urquhart and Rodrigo Mora P.Eng., PhD

Robin Urquhart is a Senior Project Consultant at RDH Building Science. He wrote the *Framework for Radon Management in Yukon* (2018) and has worked as the enclosure radon specialist on a variety of large and small projects. Robin is especially focused on the intersection of multidisciplinary design teams with respect to radon control in buildings outside Part 9 of the BC Building Code.

Rodrigo Mora is a Faculty of Building Environmental Systems at the British Columbia Institute of Technology (BCIT). His work focuses on the monitoring and modeling of built environments and environmental systems for human-environmental health and resilience. Rodrigo’s work has focused exclusively on indoor environments; however, realizing that buildings are designed with little connection to the actual site and surroundings, and vice versa, urban environments are environmentally disconnected from buildings, Rodrigo began to investigate connected building-urban environmental systems that are synergistic,

responsive to the needs of people, and in harmony with the environment, while being robust to deviations from design, and resilient to the extreme environmental threats of climate change.

Introduction to Digital Seals

“Introduction to Digital Seals” was part of the AIBC’s Summer 2024 PD Series.

As organizations move from paper to electronic filing, one of the key challenges in this digital transformation is the authentication of these files. This presentation will introduce AIBC’s [Code of Ethics and Professional Conduct, Professional Standard 8](#) (8.1 – 8.6). Attendees will also be introduced to the requirements under the Electronic Transactions Act of B.C., which underpins the use of professional digital seals in the province. The key ingredients of electronic document reliability, the different types of e-signature solutions available and the varying levels of reliability of each will be discussed.

Attendees will also be presented with an in-depth demo on how to use the seal.

Date: Wednesday, May 29, 2024

Time: 12 – 1:30 p.m.

Location: Online via Zoom

Cost: Complimentary

Learning Units (LUs): 1.5 Core

Presenter: Charles Tremblay

Charles Tremblay has worked for more than 25 years in information technology and cybersecurity and has more than a dozen years of service with Notarius. He has seen the development of technologies and standards for document reliability and electronic transactions. He passionately contributes to the dematerialization of documents and transactions, business modernization and digital transformation.

Clearing the Air: Radon Fundamentals for Architects

“Clearing the Air: Radon Fundamentals for Architects” was part of the AIBC’s Summer 2024 PD Series.

Architects play a pivotal role in designing safe indoor environments. This presentation will discuss radon testing, understanding when and where to test for radon, and different testing methods and interpretation of results. Mitigation strategies will also be discussed including assessing effective ways to reduce radon levels and the key components for successful mitigation. The session will end with radon rough-in considerations, their most common issues, and how to incorporate strategies to design effective and operable systems. Architects play an important role in reducing the risk of radon intrusion in our buildings. Attendees will learn about radon and methods to create healthier spaces.

Date: Tuesday, June 18, 2024

Time: 12 – 1:30 p.m.

Location: Online via Zoom

Cost: \$75 (Architect AIBC & Architectural Technologist AIBC); \$60 (Intern Architect AIBC & Retired Architect AIBC)

Learning Units (LUs): 1.5 Core

Presenters: Chantal Wilson P.Eng., CEM and Rodrigo Mora P.Eng., PhD

***Chantal Wilson** is a professional mechanical engineer at Falcon Engineering, specializing in radon gas assessment and mitigation. Chantal is a Certified Radon Measurement and Mitigation Professional and has successfully designed and installed close to one hundred radon mitigation projects. Chantal is active in the advancement of radon awareness, best practices and research at the local, provincial, and federal levels and is a member of the Canadian National Radon Proficiency Program Policy Advisory Board.*

***Rodrigo Mora** is a Faculty of Building Environmental Systems at the British Columbia Institute of Technology (BCIT). His work focuses on the monitoring and modeling of built environments and environmental systems for human-environmental health and resilience. So far, Rodrigo's work has focused exclusively on indoor environments; however, realizing that buildings are designed with little connection to the actual site and surroundings, and vice versa, urban environments are environmentally disconnected from buildings, Rodrigo began to investigate connected building-urban environmental systems that are synergistic, responsive to the needs of people and in harmony with the environment, while being robust to deviations from design, and resilient to the extreme environmental threats of climate change.*

Moving Toward Reconciliation: Learnings from Working Alongside Indigenous Communities

"Moving Toward Reconciliation: Learnings from Working Alongside Indigenous Communities" is organized by the [Architecture Foundation of BC](#). It was part of the AIBC's Summer 2024 PD Series, and eligible for credit towards the AIBC's Indigenous Peoples Learning requirement.

This session will start with the history of Canada and its treatment of Indigenous communities. It will introduce the following key documents and explore the important role and guidance each can offer in the practice of architecture: The Truth and Reconciliation Commission of Canada; United Nations Declaration on the Rights of Indigenous Peoples; and British Columbia Declaration on the Rights of Indigenous Peoples.

B.C. is unique in Canada in that there were few historic treaties signed between Canada and the Indigenous communities of these lands. This gap can create uncertainty in land title, the authority of the communities, and application of regulatory rules. This session will also consider what this context means for how we use language, and the need to move away from colonial terms and thinking.

And finally, architectural projects within or for Indigenous communities create valuable opportunities for collaboration, co-design, and capacity building. Through a selection of projects, the presenters will speak to these opportunities, including: the impact of active engagement with the communities during the design process; the utilization of local resources and materials in the making of the building; and employment and training opportunities for the community members during construction.

Date: Thursday, June 13, 2024

Time: 12 – 2:15 p.m.

Location: Online via Zoom

Cost: \$100 (Architect AIBC & Architectural Technologist AIBC); \$80 (Intern Architect AIBC & Retired Architect AIBC)

Learning Units (LUs): 2 Core

Presenters: Scott Kemp Architect AIBC and Aiden Callison Architect AIBC

***Scott Kemp** has had the honour and privilege of working with Indigenous communities throughout BC for the past 20 years. During that time, the communities have shared their stories and traditions. A way of working has been developed that is a collaboration between all parties that maximizes the benefits to the communities. The communities participate in the design and creation of the buildings. It is less about the final building but the building of the building that is important.*

***Aiden Callison** is an Indigenous architect and a member of the Hwiltsum First Nation (the people of Canoe Pass). Aiden brings his lived experience to his architectural practice. The impact of colonialism has meant his family experienced generations of removal from their cultural heritage, which drives him to continue to ask what role architecture can play in decolonization and fostering better relationships with First Peoples. As an Associate Principal at HCMA Aiden leads a team focused on working alongside Indigenous Communities and on work that advances reconciliation.*

BC Building Code 2024 – Adaptable Dwelling Units Course

The BC Building Code – Adaptable Dwelling Units course will take place virtually on **Wednesday, September 11, 2024**. Presented in partnership with Building Safety Standards Branch, this session will review the upcoming changes to Subsection 3.8.5. of the BC Building Code 2024, to be implemented March 10, 2025, requiring ‘adaptable dwelling units’ in new housing.

Adaptable dwelling units are not fully accessible units, and are defined as “a dwelling unit designed and constructed with some accessible features, and which accommodates the future modification to provide more accessible features.” These new requirements will apply to almost all dwelling units in new buildings. This course will focus on the rationale for these code requirements, and design strategies for meeting them.

Date: Wednesday, September 11, 2024

Time: 11:30 a.m. – 2:30 p.m.

Location: Online via Zoom

Cost: \$200 + GST (\$150 + GST for Intern Architects AIBC and Engineers-in-Training)

Learning Units: 3 Core

Presenters: Ron Bijok Architect AIBC, CP and Andy Chase, Building and Safety Standards Branch

Ron Bijok Architect AIBC, CP is an architect in private practice in Vancouver. In his role as the principal of Radiant City Architecture, Ron attempts to bridge the divide between general practice and specialization. He has been involved in a wide range of projects, from single family dwellings to daycares to commercial and industrial work. Having had the opportunity to develop energy modeling software in the early years of

personal computing with NRCC sponsorship, Ron continues to be immersed in progressive technologies in the field of architecture. Having spent several years in the development industry in Vancouver, he is equally comfortable in the domains of project management, professional practice, and consulting as a CP.

Ron attended McGill University, where he studied engineering, philosophy, and fine arts, and completed his degrees in architecture. He became an associate at Bobrow Fieldman Architects in Montreal before relocating to Vancouver in the 90's. He has been practicing as a Certified Professional since 2017 and is active on the AIBC Regulatory Coordination Committee. Ron sits on the board of the Vancouver Life Drawing Society and is Past President of the Vancouver Chinatown Heritage Area Planning Committee.

Andy Chase is the Team Lead, Building Codes & Standards with the Building and Safety Standards Branch. Andy leads the technical team responsible for development of the British Columbia Building, Plumbing, and Fire Codes, including development of B.C.'s priority initiatives such as accessibility, secondary suites, and radon. Andy helps advance national code development through membership on Codes Canada's Standing Committee on Use and Egress and Task Group on Accessibility and helps advance national standard development through membership on CSA's Technical Committee on Prefabricated Buildings, Modules, and Panels.

Mandatory Firm Registrants Course

The Mandatory Firm Registrants Course provides an overview of the baseline responsibilities and requirements of holding a Certificate of Practice and operating an architectural Firm in British Columbia. A high volume of practice inquiries and conduct complaints stem from the intersection between running an architectural business and maintaining Professional Standards in a regulated environment. By the end of the course, it is hoped that participants will better understand Firm responsibilities as required under the *Professional Governance Act*, *Architects Regulation*, AIBC Bylaws and Practice Standards in the Code of Ethics and Professional Conduct.

Effective **January 1, 2025** – all new Certificate of Practice applicants (through Registrants who are sole proprietors, partners, directors, and/or shareholders of voting shared in corporation), must have completed the Mandatory Firm Registrants Course as a pre-requisite for issuance of their Certificate of Practice. Registrants who join a Firm's ranks as a partner, owner, or a director will have a 90-day time period after submission of the 'firm change' form to complete the Firm Course.

While the mandatory requirements for the Firm Course may be limited, the AIBC invites any Registrant to attend either the live-streamed version or the later on-demand AIBC Course Portal offering.

For more information about the proposed AIBC Bylaw amendments and to view draft Schedule T: Board Rules for Firm Continuing Education Requirements, please visit the [AIBC website](#).

Mandatory Firm Registrants Course Overview

The Mandatory Firm Registrants Course will take approximately three hours to complete. Under the proposed requirements in the AIBC Bylaws, owners, partners, and directors would only be required to take

the course once and would be eligible for Core Learning Units towards an Individual Registrant's Continuing Education System (CES) requirements.

The Firm Course will cover a variety of important Firm Registrant topics, including:

- Registration Requirements
- Compliance with Laws
- Professional Liability Insurance
- Contracts and Engagement
- Use of Seal and Services
- Relationships between Employer Firm and Employees in a Regulated context

Date: Wednesday, November 13, 2024

Time: 11 a.m. – 2:30 p.m.

Location: Online via Zoom

Learning Units (LUs): 3 Core

Course presenters include:

- Marguerite Laquinte Francis Architect AIBC (Board Chair)
- Pierre Gallant Retired Architect AIBC
- Maura Gatensby Architect AIBC, CP, Lead Practice Advisor and Regulatory Liaison, AIBC
- Thomas Lutes, General Counsel and Deputy CEO, AIBC
- Jenelyn Torres, Director of Registration and Licensing and Deputy Registrar, AIBC
- Catherine Lee, Professional Conduct Officer, AIBC
- Tatiana Perez Velez, Conduct and Discipline Officer, AIBC