

# REMEDIAL RESOURCES INVENTORY

## INVENTAIRE DES RESSOURCES POUR LES MESURES CORRECTIVES



# BEFA REMEDIAL RESOURCES INVENTORY

## INTRODUCTION

### Resources for BEFA applicants who are required to undertake remedial actions.

This document provides BEFA assessors and applicants with options to support remediation of deficiencies identified during the interview phase of the BEFA Program. It is intended to facilitate and standardize the assignment of remedies that are sometimes required at the completion of an applicant's interview.

**Section A** of this document organises some of these resources into two parts:

- [Part One](#) which sorts resources by topics that run across many of the competencies, and
- [Part Two](#) which lists broadly based resources that relate to multiple competencies.

**Section B** of this document is organized by competency areas and identifies possible resources for addressing deficiencies in specific competencies.

- [Competency/Compétence 1: Programming/Programmation](#)
- [Competency/Compétence 2: Site & Environmental Analysis / Étude de l'emplacement et de l'environnement](#)
- [Competency/Compétence 3: Schematic Design / Esquisse de projet](#)
- [Competency/Compétence 4: Engineering Systems Integration / Intégration des systèmes d'ingénierie](#)
- [Competency/Compétence 5: Building Cost Analysis / Analyse du coût du bâtiment](#)
- [Competency/Compétence 6: Code Research / Recherche dans les codes](#)
- [Competency/Compétence 7: Design Development / Projet préliminaire](#)
- [Competency/Compétence 8: Construction Documents / Projet définitif \(documents de construction\)](#)
- [Competency/Compétence 9: Procurement and Contract Award / Approvisionnement et attribution de contrat](#)
- [Competency/Compétence 10: Construction Phase / Phase de la construction](#)
- [Competency/Compétence 11: Management of the Project / Administration du projet](#)
- [Competency/Compétence 12: Professionalism & Professional Practice / Professionnalisme et pratique professionnelle](#)

There are numerous remedy types with varying requirements of the applicants to demonstrate their success.

Typical remedies fall within 4 categories:

1. Courses
2. Reading
3. Experience
4. Drawings/ Other Documents

This document relates to categories #1 and #2.

This document will be updated periodically as new resources are identified and current resources become obsolete. However, it is the responsibility of the applicant to confirm that an opportunity that is of relevance and interest is available.

Opportunities for remedial actions are not limited to those included in this document. For example, *The Canadian Handbook of Practice for Architects* (CHOP) provides useful details relative to all competency categories. Portions of it can be assigned for reading to enhance an applicant's understanding of specific competency areas.

*The opinions and interpretations in this publication are those of the author and do not necessarily reflect those of the Government of Canada. / Les opinions et les interprétations figurant dans la présente publication sont celles de l'auteur et ne représentent pas nécessairement celles du gouvernement du Canada.*

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The logo for the Government of Canada, featuring the word "Canada" in a serif font with a small Canadian flag above the letter 'a'.

# INVENTAIRE DES RESSOURCES POUR LES MESURES CORRECTIVES

## INTRODUCTION

### Ressources à la disposition des candidats AÉVE qui doivent prendre des mesures correctives.

Le présent document offre aux évaluateurs et aux candidats AÉVE diverses options permettant de remédier aux lacunes identifiées pendant la phase de l'entrevue du Programme AÉVE. Il vise à faciliter et à normaliser l'attribution des mesures correctives qui sont parfois exigées à la fin de l'entrevue d'un candidat.

**La Section A** du document divise certaines de ces ressources en deux parties :

- [la Partie 1](#) qui trie les ressources par sujets qui couvrent bon nombre des compétences (sujets transversaux);
- [la Partie 2](#) qui dresse la liste de ressources générales qui se rapportent à des compétences multiples.

**La Section B** de ce document est structurée par domaines de compétences et identifie les ressources pouvant possiblement remédier à des lacunes dans des domaines de compétences spécifiques.

- [Compétence/Competency 1: Programmation / Programming](#)
- [Compétence/Competency 2: Analyse de l'emplacement et de l'environnement / Site & Environmental Analysis](#)
- [Compétence/ Competency 3: Esquisse du projet / Schematic Design](#)
- [Compétence /Competency 4: Intégration des systèmes d'ingénierie / Engineering Systems integration](#)
- [Compétence/Competency 5: Analyse du coût du bâtiment / Building Cost Analysis](#)
- [Compétence/Competency 6: Recherche dans les codes / Code Research](#)
- [Compétence/Competency 7: Projet préliminaire / Design Development](#)
- [Compétence/Competency 9: Approvisionnement et attribution de contrat / Procurement and Contract Award](#)
- [Compétence/Competency 10: Phase de la construction / Construction Phase](#)
- [Compétence/Competency 11: Administration du projet / Management of the Project](#)
- [Compétence/Competency 12: Professionnalisme et pratique professionnelle / Professionalism & Professional Practice](#)

Il existe plusieurs types de mesures correctives et diverses exigences auxquelles les candidats doivent satisfaire pour faire la preuve de leur réussite. Les mesures correctives types appartiennent généralement aux quatre catégories suivantes :

1. Cours
2. Lectures
3. Expérience
4. Dessins ou autres documents

Le présent document se rapporte aux catégories 1 et 2.

Il sera périodiquement mis à jour, à mesure que de nouvelles ressources seront disponibles et que d'autres seront devenues obsolètes. Toutefois, il est de la responsabilité du candidat de s'assurer de la disponibilité d'une mesure pertinente et intéressante.

Les possibilités de mesures correctives ne se limitent pas à celles qui sont incluses dans le présent document. Par exemple, *Le manuel canadien de pratique de l'architecture* (MCPA) offre de l'information utile dans toutes les catégories de compétence. Il est possible qu'il soit demandé à un candidat de lire certains chapitres de ce Manuel pour mieux comprendre des domaines de compétence particuliers.

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Canada 

## SECTION A: GENERAL RESOURCES / RESSOURCES GÉNÉRALES

### PART ONE - CROSS-COMPETENCY TOPICS / PARTIE 1 - SUJETS LIÉS AUX COMPÉTENCES TRANSVERSALES

The **Canadian Handbook of Practice for Architects** (CHOP) is a recommended cross-competency resource.

<https://chop.raic.ca>

Le **Manuel canadien de pratique de l'architecture** (MCPA) est une ressource recommandée pour les compétences transversales.

<https://chop.raic.ca/fr>

**AEC Daily** ([aecdaily.com](http://aecdaily.com)) offers almost 600 web-based, targeted self-paced continuing education courses. Most are about 1 hour long. Some result in completion certificates and certification. Examples include *Sustainability and Rooftop Deck Systems: A Green Connection* and *Separating Cool Roofing Facts from Myths*.

Assessors and applicants are encouraged to investigate the resources available of their associations' sites. As just one example, the AIBC (<https://aibc.ca/resources/aibc-resources/>) site includes links to AIBC Regulatory Authority Documents, AIBC Practice Resources and AIBC Publications.

Accessibility / Accessibilité							
Resource description	Delivery	Accountability	Source/ Offered by	Accessibility	Cost	Time	Language
<p><b>Royal Architectural Institute of Canada</b></p> <p><b>RAIC 730: Introduction to Successful Accessible Design</b></p> <p><a href="https://raic.org/AccessibleDesign">https://raic.org/AccessibleDesign</a></p> <ul style="list-style-type: none"> <li>Self-paced, on-demand course consisting of several lessons about the impacts and conflicts of accessibility in society, the built environment, and the development industry.</li> <li>Register as continuing education or university graduate course</li> <li>Course includes discussion boards, exercises &amp; assignments</li> </ul>	online	<p>Graded assignments &amp; tests if taken as a university credit course</p> <p>Re-interview at discretion of the Panel</p>	RAIC (national in scope)	Open to practicing architects and interns BEFA applicants are eligible to access	<p>Intern Member: \$400. Intern non-member = \$500 BEFA pays non-member fee</p>	Each lesson requires approximately 3 hours guided learning plus 7 hours self-study	English French

<p><b>IRAC 730: Introduction à la conception accessible réussie</b></p> <p><a href="https://raic.org/product/introduction-la-conception-accessible-reussie-regulier">https://raic.org/product/introduction-la-conception-accessible-reussie-regulier</a></p> <ul style="list-style-type: none"> <li>• Cours à votre rythme et à la demande comprenant plusieurs leçons sur les impacts et les conflits de l'accessibilité dans la société, l'environnement bâti et l'industrie du développement.</li> <li>• Inscription à titre de cours de formation continue ou de formation universitaire de cycle supérieur</li> <li>• Le cours comprend des forums de discussion, des exercices et des devoirs.</li> </ul>							
<p><b>Equity, Diversity &amp; Inclusion</b></p> <p><a href="https://oaa.on.ca/knowledge-and-resources/equity-diversity-inclusion">https://oaa.on.ca/knowledge-and-resources/equity-diversity-inclusion</a></p> <ul style="list-style-type: none"> <li>• site offers a variety of resources including documents, webinars, publications, and links to course</li> </ul>	online		OAA				
<b>Sustainability / Durabilité</b>							
<p><b>Milieus de vie durables et résilients</b></p> <p><a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/</a></p> <ul style="list-style-type: none"> <li>• Cours obligatoire pour les membres de l'OAQ</li> <li>• Vise à établir un langage commun et une vision commune du rôle et des responsabilités de l'architecte dans la conception de milieux de vie durables et résilients.</li> <li>• La partie 2 est composée de 6 capsules d'environ 5 minutes chacune: 1- Certifications environnementales 2- La conception intégrée 3- Analyse de cycle de vie 4- Empreinte carbone 5- Énergie 6- Bâti existant</li> </ul>	En ligne	Réentretien à la discrétion du jury	OAQ	OAQ members	10-20\$	.5 h	en français

<b>Cultural sensitivity/ Sensibilité culturelle</b>							
<p><b>Northwest Territories Association of Architects</b></p> <p><a href="https://www.nwtaa.ca/member-resources">https://www.nwtaa.ca/member-resources</a></p> <p><b>Living Well Together</b></p> <p><a href="https://www.fin.gov.nt.ca/en/services/diversity-and-inclusion/living-well-together">https://www.fin.gov.nt.ca/en/services/diversity-and-inclusion/living-well-together</a></p> <p>An online course for Indigenous cultural awareness and sensitivity, developed by the GNWT but available for anyone to take. NWTAA is planning to make certain modules of this course a Continuing Education mandatory requirement in the next cycle.</p> <ul style="list-style-type: none"> <li>• Training is provided in two series: The Truth series (Modules 2-5), which focuses on awareness about colonization, residential schools and Indigenous, non-Indigenous relations, and the Reconciliation series (Modules 6-8), which focuses on developing cultural sensitivity and the practice of reconciliation.</li> </ul>	online	Re-interview at discretion of the Panel	NWTAA and GNWT	Open to all people	free	Self-paced	English
<p><b>Indigenous Architecture</b></p> <p><a href="https://oaa.on.ca/knowledge-and-resources/indigenous-architecture">https://oaa.on.ca/knowledge-and-resources/indigenous-architecture</a></p> <ul style="list-style-type: none"> <li>• Includes both OAA initiatives and third-party resources such as resources from RAIC</li> <li>• Provides many links to print, podcasts, digital and video resources related to General Information on Truth and Reconciliation, Indigenous Architecture</li> <li>• RAIC resources include the Indigenous Task Force/Groupe de travail autochtone with links (<a href="https://raic.org/raic/indigenous-task-force">https://raic.org/raic/indigenous-task-force</a>)</li> </ul>	online	a certificate provided upon successful completion	OAA RAIC	open		Self-paced	English  Certain contenu en français



**Exemple d'un cours de l'IRAC : The Path: Your Journey Through Indigenous Canada/ Le parcours: Votre voyage au sein du Canada autochtone**

<https://raic.org/product/path-your-journey-through-indigenous-canada>

<https://www.oaa.on.ca/whats-on/coned-opportunities/conedopportunities/The-Path-Your-Journey-Through-Indigenous-Canada>

- 5 online modules created by a majority Indigenous-owned company and has been developed with First Nations, Inuit, and Métis advisors.
- Topics include the cultural and historical differences between First Nations, Inuit, and Métis; the evolution of the relationship between Canada and Indigenous people from pre-contact to yesterday's headlines; stories of social and economic success, reconciliation, and resilience; understanding intercultural communication in the workplace, and ways to strengthen relationships with Indigenous peoples
- \$100 for members
- 5 modules en ligne créés par une entreprise qui appartient majoritairement à des Autochtones et qui ont été développés avec des conseillers des Premières Nations, des Inuits et des Métis.
- Le cours traite notamment des différences culturelles et historiques entre ces trois peuples; de l'évolution des relations entre le Canada et les peuples autochtones, de la période précédant le contact jusqu'à tout récemment; et de réussites sociales et économiques, de réconciliation et de résilience; en plus de vous aider à comprendre ce qu'est la communication interculturelle en milieu de travail et de vous présenter des façons de renforcer les relations avec les peuples autochtones
- 100 \$ pour les membres

## SECTION A: GENERAL RESOURCES / RESSOURCES GÉNÉRALES

### PART TWO – BROADLY BASED PROGRAMS / PARTIE 2 – PROGRAMMES GÉNÉRAUX

Resource description	Delivery	Account-ability	Source/ Offered by	Access-ibility	Cost	Time	Language
<p><b>Regulatory Organizations of Architecture in Canada (ROAC)</b></p> <p><b>Practice of Architecture in Canada – micro courses (see ROAC PAC below)</b></p> <p><a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a></p> <p><a href="https://roac.miiro.ca/fr/223-toutes-les-formationen">https://roac.miiro.ca/fr/223-toutes-les-formationen</a></p> <ul style="list-style-type: none"> <li>• 4 modules, available separately or in a full package</li> <li>• High-level overview of key topics- detailed descriptions are provided with the competencies</li> <li>• 4 modules, disponibles séparément ou dans un ensemble complet</li> <li>• Aperçu de haut niveau des sujets clés - Des descriptions détaillées sont fournies avec les compétences <ul style="list-style-type: none"> <li>• Module 1 - An overview of architectural practice in Canada/ Aperçu de la pratique architecturale au Canada</li> <li>• Module 2 - An In-depth Look at the Profession/ La profession, un regard approfondi</li> <li>• Module 3 - Building Regulations/ Réglementation du bâtiment</li> <li>• Module 4 - The Design &amp; Construction Processes/ Les processus de conception et de construction</li> </ul> </li> </ul> <p>Descriptions of these modules are mapped to the competencies/ Les descriptions de ces modules correspondent aux compétences</p>	online	Re-interview at discretion of the Panel	ROAC (national in scope)		<p>Modules 1 &amp; 2 = \$75 each</p> <p>Modules 3 &amp; 4 = \$100</p> <p>Full bundle of 4 = \$300</p>	Each module ranges from 1h 10 min to 2h 15 min	English/ French

<p><b>Royal Architectural Institute of Canada Continuing Education Webinars (RAIC Web)</b></p> <p><a href="https://raic.org/webinars">https://raic.org/webinars</a>  <a href="https://raic.org/raic-demand-webinars">https://raic.org/raic-demand-webinars</a></p> <ul style="list-style-type: none"> <li>• Self-directed, on-demand and always available webinars on various topics</li> <li>• Topics are sorted into categories - Under each category are several webinars (e.g., 15 webinars are listed under Accessibility Design)</li> <li>• Category topics available in English: include Accessible Design, Advanced Technology/ Building Science, Construction Administration, COVID-19, Design, Diversity, Equity, &amp; Inclusion, Finances, Health &amp; Wellness, Heritage Conservation, Indigenous Design, Practice/Business, Sustainability/Climate, Urbanism &amp; Architecture</li> <li>• Some webinars include live Q&amp;A sessions</li> </ul> <p><b>En français</b> (6 thèmes sont disponibles en français)</p> <p><a href="https://raic.org/raic-demand-webinars#Webinars%20in%20French">https://raic.org/raic-demand-webinars#Webinars%20in%20French</a></p> <ul style="list-style-type: none"> <li>• <b>Avis de conformité au Code canadien pour les fenêtres, portes et lanterneaux importés</b>  <a href="https://raic.org/product/avis-de-conformite-au-code-canadien-pour-les-fenetres-portes-et-lanterneaux-importes">https://raic.org/product/avis-de-conformite-au-code-canadien-pour-les-fenetres-portes-et-lanterneaux-importes</a></li> <li>• <b>Manuel canadien de pratique de l'architecture : Introduction à la 3<sup>e</sup> édition</b>  <a href="https://raic.org/product/chop-introduction-3rd-edition">https://raic.org/product/chop-introduction-3rd-edition</a></li> <li>• <b>Soutenir l'architecture initiée par les Autochtones grâce au programme d'études en architecture</b>  <a href="https://raic.org/product/soutenir-larchitecture-initiee-par-les-autochtones-grace-au-programme-detudes-en-1">https://raic.org/product/soutenir-larchitecture-initiee-par-les-autochtones-grace-au-programme-detudes-en-1</a></li> </ul>	Online webinars	Re-interview at discretion of the Panel	RAIC (national)	Intended for practicing architects  Open to BEFA applicants	Member = \$50 Non-member = \$75 Intern member = \$35  Non-member Intern = \$50  Student = \$25  BEFA applicants pay non-member fee of \$75	Usually 1 hour	Most webinars are in English  6 webinars available in French
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<ul style="list-style-type: none"> <li>• <b>Réhabilitation du Monastère des Augustines (La réutilisation adaptative/ la préservation du patrimoine)</b> <a href="https://raic.org/product/rehabilitation-du-monastere-des-augustines-regulier">https://raic.org/product/rehabilitation-du-monastere-des-augustines-regulier</a></li> <li>• <b>Introduction à la conception accessible réussie</b> <a href="https://raic.org/product/introduction-la-conception-accessible-reussie-regulier">https://raic.org/product/introduction-la-conception-accessible-reussie-regulier</a></li> <li>• <b>Gestion des risques de projet</b> <a href="https://raic.org/product/gestion-des-risques-de-projet-regulier">https://raic.org/product/gestion-des-risques-de-projet-regulier</a></li> </ul>							
<p><b>Royal Architectural Institute of Canada</b></p> <p><b>RAIC 710: Project Risk Management for Architects</b> <a href="https://raic.org/raic/project-risk-management">https://raic.org/raic/project-risk-management</a></p> <ul style="list-style-type: none"> <li>• Self-paced, on-demand course consisting of several lessons about risk management, project management, and the practice of architecture</li> <li>• Register as continuing education or university graduate course</li> <li>• Course includes discussion boards, exercises &amp; assignments</li> <li>• Apply project risk management tools and techniques skillfully to projects</li> </ul> <p><b>Gestion des risques de projet</b> <a href="https://raic.org/product/gestion-des-risques-de-projet-regulier">https://raic.org/product/gestion-des-risques-de-projet-regulier</a> <a href="https://raic.org/fr/raic/gestion-des-risques-des-projets">https://raic.org/fr/raic/gestion-des-risques-des-projets</a></p> <ul style="list-style-type: none"> <li>• Cours à la demande et à votre rythme comprenant plusieurs leçons sur la gestion des risques, la gestion de projet et la pratique de l'architecture.</li> <li>• Inscription à titre de cours de formation continue ou de formation universitaire de cycle supérieur</li> <li>• Le cours comprend des forums de discussion, des exercices et des devoirs.</li> </ul>	online	Graded assignments & tests if taken as a university credit course	RAIC (national in scope)	Open to BEFA applicants	BEFA applicants pay non-member fee of \$750.00	Continuing ed - self paced University credit - 12 weeks- suggested completion time is 1 lesson/ week. Each lesson requires approximately 3 hours	English/ French

<ul style="list-style-type: none"> <li>Il permet d'appliquer habilement les outils et techniques de gestion des risques du projet aux projets.</li> </ul>							
<p><b>Architectural Institute of British Columbia</b>  <a href="https://aibc.ca/professional-development/courses/ongoing-courses/">https://aibc.ca/professional-development/courses/ongoing-courses/</a>  AIBC offers a variety of mandatory and self-chosen professional development courses in online and in-person formats. Check the website for current availability and costs of courses.</p>							
<p><b>Alberta Association of Architects Courses</b>  <a href="https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/Upcoming-Courses-and-Events">https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/Upcoming-Courses-and-Events</a></p> <ul style="list-style-type: none"> <li>Ongoing series of seminars on various topics such as Passive House Design &amp; Construction</li> </ul>	Online and In person	Varies – some courses offer certificates  Re-interview at discretion of the Panel	AAA along with external partners	Open		Varies between 1 hour to full day sessions	English
<p><b>Alberta Association of Architects Distance Learning</b>  <a href="https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/Distance-Learning">https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/Distance-Learning</a></p> <ul style="list-style-type: none"> <li>A list of online course providers with professional development offerings geared to architects and interior designers</li> <li>Links take you to course provider such as Athabasca University offering micro credential courses, Armstrong World Industries offering presentations about acoustics etc.</li> <li>Some are free of charge</li> </ul>	Online and In person	Varies	AAA along with external partners	open	Many are free	Short term Self-paced	English
<p><b>Fundamentals of running an architectural practice (FRAP)</b>  <a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>Administered through University of Toronto School of Continuing Studies as course 3978</li> </ul>	online	Success on quizzes required for advancement through module/course	OAA through University of Toronto  Offered 3 times a year	Open to BEFA applicants	\$745 + HST for complete package	31 structured hours for complete package	English

<ul style="list-style-type: none"> <li>Individual modules are not available for registration. All 13 modules must be completed to earn a completion report, with 100 per cent completion of all quizzes required.</li> <li>Provides a comprehensive overview of core functional business areas intended to strengthen business skills for application to a practice or firm</li> <li>13 self-paced, self-directed modules <ul style="list-style-type: none"> <li>Module 1: Practice of architecture- Regulatory framework in Ontario</li> <li>Module 2: Practice of architecture- Business structures in Ontario</li> <li>Module 3: Practice of architecture- Professional liability insurance</li> <li>Module 4: Marketing</li> <li>Module 5: Communicating your value as an architect</li> <li>Module 6: Determining reasonable fees</li> <li>Module 7: Business aspects- Contracts</li> <li>Module 8: Business aspects - Financial management</li> <li>Module 9: Operational aspects - Organizational behaviour and leadership</li> <li>Module 10: Operational aspects - Organization and planning</li> <li>Module 11: Operational aspects - Human resources</li> <li>Module 12: Operational aspects - Operations management</li> <li>Module 13: Operational aspects - Project management</li> </ul> </li> <li>FRAP modules are described in detail under Competency 12</li> </ul>		Re-interview at discretion of the Panel					
<p><b>Self-Study Learning Series (OAA SSLS)</b>  <a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/self-study-series">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/self-study-series</a></p> <ul style="list-style-type: none"> <li>8 self-paced, self-directed courses covering foundational practice topics: <ul style="list-style-type: none"> <li>Professional Responsibility, Ethics &amp; Membership in a self-regulating Profession</li> <li>The Construction Act</li> </ul> </li> </ul>	online	Success on quizzes required for advancement through module	OAA Always available	Intended for interns, practicing architects and BEFA applicants	\$100 for everyone	2 months per course	English

<ul style="list-style-type: none"> <li>○ Legal Aspects: Professional Liability and Architects' Contracts</li> <li>○ Planning and Development Approvals</li> <li>○ The <i>Ontario Building Code Act</i> and the Building Permit Application Process</li> <li>○ Ontario Building Code Compliance Data: Concepts and Code Analysis</li> <li>○ Bid Theory and Bid Practice</li> <li>○ Contract administration and General Review</li> </ul>		<p>Re-interview at discretion of the Panel</p>					
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**Resources OAQ en français**

<https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/>

<https://www.oaq.com/recherche/>

- L'OAQ offre plus de 100 formations sur des sujets variés à différents moments de l'année (Par exemple : formation OAQ=15; formation externe=40; classe virtuelle=45).
- Les cours vont de 0,5 heure à 10-20 \$ à 42 heures à 2657 \$.
- La plupart sont en ligne ; d'autres sont en personne à Québec et/ou à Montréal.

Il est nécessaire de consulter le calendrier en vigueur pour connaître la disponibilité, le calendrier et le coût. Voir lien ci-dessous.

**Architects' Association of New Brunswick/ Association des architectes du Nouveau-Brunswick**

**Education Provider Program (EPP)**

<https://epp.aanb.org/en/approved-providers>

- A list of approved education providers to the Construction, Architectural, Interior Design and Engineering communities
- Complementary courses are available 24 hours per day, 7 days per week
- Clicking on the Education Provider reveals the courses offered by that provider.

New Brunswick offers (will be offering) an online admissions courses through the member portal (see below)

- Courses consist of three modules covering regulation of the profession and practice management.

**Programme des fournisseurs d'éducation (PFÉ)**

<https://epp.aanb.org/fr/approved-providers>

- Une liste de fournisseurs d'éducation pour les communautés de la construction, de l'architecture, du design intérieur et de l'ingénierie
- Des cours complémentaires sont disponibles 24 heures par jour et 7 jours par semaine
- En cliquant sur le fournisseur d'éducation, on peut voir les cours qu'il offre.

Le Nouveau-Brunswick offre (ou offrira) des cours d'admission en ligne par l'entremise de son portail des membres (voir ci-dessous)

- Les cours consistent en trois modules qui couvrent la réglementation de la profession et la gestion d'une firme d'architectes.

**Module #1: The AANB**

- Objective of the AANB
- Structure & function of the AANB
- The legal instruments and regulations for the practice of architecture
- Professionalism and professional obligations
- The architect's professional responsibilities

**Module #2: Practice Management**

- Understand the breadth of the day-to-day practice of architecture that an architect must manage.
- Appreciate the complex relationship between the architect, their client, and the public.
- Be able to structure a design team to respond to a request for services
- Comprehend where the architect's professional services are positioned within the regulatory framework.
- Know how to evaluate options for the long-term success of an architectural practice.

**Module #1 L'AANB**

- Reconnaître l'objectif du cours d'admission à l'AANB
- Décrire la structure et la fonction de l'AANB
- Décrire les instruments juridiques et les règlements relatifs à l'exercice de l'architecture
- Expliquer la notion de professionnalisme et vos obligations professionnelles
- Comprendre les responsabilités professionnelles d'un architecte

**Module #2 La gestion d'une firme**

- Comprendre l'étendue de la pratique de l'architecture au quotidien qu'un architecte doit gérer.
- Bien saisir la relation complexe entre l'architecte, son client et le public.
- Organiser une équipe de conception pour répondre à une demande de services.
- Comprendre où se situent les services professionnels de l'architecte au sein du cadre réglementaire.
- Savoir comment évaluer les options pour assurer la réussite à long terme d'une firme d'architecture.



## SECTION B: COMPETENCY BASED RESOURCES / RESSOURCES BASÉES SUR LES COMPÉTENCES

<b>Competency/Compétence 1: Programming/Programmation</b>							
Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<b>Competency/Compétence 2: Site &amp; Enviro Analysis/ Étude de l'emplacement et de l'environnement</b>							
Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<p><b>OAA SSLS</b></p> <p><b>SCS 3727: Planning and Development Approvals</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Planning-and-Development-Approvals-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Planning-and-Development-Approvals-</a></p> <ul style="list-style-type: none"> <li>• Provides an overview of the planning and land development approvals process in Ontario.</li> <li>• Covers the following: <ul style="list-style-type: none"> <li>○ the land use planning and development process,</li> <li>○ the authorities in Ontario that have decision-making powers within the planning process.</li> <li>○ the circumstances under which planning instruments constitute applicable law,</li> <li>○ the criteria used to evaluate planning applications,</li> <li>○ the issues that can affect the approval process and how to address them,</li> <li>○ the architect's role in the planning and development approval process</li> <li>○ what bodies such as the Local Planning Appeal Tribunal and Toronto's Local Planning Appeal Body take into consideration in making planning decisions on appeals.</li> </ul> </li> </ul>	online	<p>Success on quizzes required for advancement through module</p> <p>Re-interview at discretion of the Panel</p>	OAA	OAA members Open to BEFA applicants	\$100	Self-paced	English

## Competency/Compétence 3: Schematic design/ Esquisse de projet

Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<p><b>Royal Architectural Institute of Canada</b></p> <p><b>RAIC 730: Introduction to Successful Accessible Design</b></p> <p><a href="https://raic.org/AccessibleDesign">https://raic.org/AccessibleDesign</a></p> <ul style="list-style-type: none"> <li>Self-paced, on-demand course consisting of several lessons about the impacts and conflicts of accessibility in society, the built environment, and the development industry.</li> <li>Register as continuing education or university graduate course</li> <li>Course includes discussion boards, exercises &amp; assignments</li> </ul> <p><b>IRAC 730: Introduction à la conception accessible réussie</b></p> <p><a href="https://raic.org/product/introduction-la-conception-accessible-reussie-regulier">https://raic.org/product/introduction-la-conception-accessible-reussie-regulier</a></p> <ul style="list-style-type: none"> <li>Cours à votre rythme et à la demande comprenant plusieurs leçons sur les impacts et les conflits de l'accessibilité dans la société, l'environnement bâti et l'industrie du développement.</li> <li>Inscription à titre de cours de formation continue ou de formation universitaire de cycle supérieur</li> <li>Le cours comprend des forums de discussion, des exercices et des devoirs.</li> </ul>	online	<p>Graded assignments &amp; tests if taken as a university credit course</p> <p>Re-interview at discretion of the Panel</p>	RAIC (national in scope)	<p>Open to practicing architects and interns</p> <p>BEFA applicants are eligible to access</p>	<p>Intern Member: \$400</p> <p>Intern non-member: \$500</p> <p>BEFA pays non-member fee</p>	Each lesson requires approximately 3 hours guided learning plus 7 hours self-study	English/French
<p><b>OAA SSLS</b></p> <p><b>SCS 3727: Planning and Development Approvals</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Planning-and-Development-Approvals-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Planning-and-Development-Approvals-</a></p>	online	Success on quizzes required for advancement through module	OAA	OAA members Open to BEFA applicants	\$100	Self-paced	English

<ul style="list-style-type: none"> <li>Provides an overview of the planning and land development approvals process in Ontario.</li> <li>Covers the following: <ul style="list-style-type: none"> <li>the land use planning and development process,</li> <li>the authorities in Ontario that have decision-making powers within the planning process.</li> <li>the circumstances under which planning instruments constitute applicable law,</li> <li>the criteria used to evaluate planning applications,</li> <li>the issues that can affect the approval process and how to address them,</li> <li>the architect's role in the planning and development approval process</li> <li>what bodies such as the Local Planning Appeal Tribunal and Toronto's Local Planning Appeal Body take into consideration in making planning decisions on appeals.</li> </ul> </li> </ul>		Re-interview at discretion of the Panel					
<p><b>Bare Poles: Building Design for High Latitudes.</b></p> <p><a href="https://www.mgup.ca/bare-poles-products-9780886292782.php">https://www.mgup.ca/bare-poles-products-9780886292782.php</a></p> <ul style="list-style-type: none"> <li>Book provides a broad understanding of site conditions and their unique social context.</li> <li>In English for \$43.95</li> </ul>	print	Re-interview at discretion of the Panel	NWTAA	Open to all	\$43.95	Self-paced	English
<b>Competency/Compétence 4: Engineering systems integration / Intégration des systèmes d'ingénierie</b>							
<b>Resource description</b>	<b>Delivery</b>	<b>Account-ability</b>	<b>Source</b>	<b>Access-ibility</b>	<b>Cost</b>	<b>Time</b>	<b>Language</b>
<p><b>Northwest Territories Architects' Association (NWTAA)</b></p> <p><b>Geotechnical Site Investigation Guidelines for Building Foundation</b></p>	print	Re-interview at discretion of the Panel	NWTAA and government of NWT	Open to all	free	Self-paced	English

<p><a href="https://geotechpedia.com/Publication/Show/4563/GEOTECHNICAL-SITE-INVESTIGATION-GUIDELINES-FOR-BUILDING-FOUNDATIONS-IN-PERMAFROST">https://geotechpedia.com/Publication/Show/4563/GEOTECHNICAL-SITE-INVESTIGATION-GUIDELINES-FOR-BUILDING-FOUNDATIONS-IN-PERMAFROST</a></p> <ul style="list-style-type: none"> <li>A technical resource on permafrost foundation design - a soil condition not really dealt with in southern Canada, but hugely important in NWT</li> </ul>							
<p><b>Athabasca University</b></p> <p><b>Architecture (ARCH) 527 Architectural Design: Building Systems</b></p> <p><a href="https://www.athabascau.ca/syllabi/arch/arch527.html">https://www.athabascau.ca/syllabi/arch/arch527.html</a></p> <p><a href="http://drr2.lib.athabascau.ca/index.php?c=node&amp;m=detail&amp;n=1061">http://drr2.lib.athabascau.ca/index.php?c=node&amp;m=detail&amp;n=1061</a></p> <ul style="list-style-type: none"> <li>Intended to increase understanding of major buildings systems, from the standpoints of design requirements for human occupancy, through a detailed examination of a design process that stresses integration and a comprehensive approach to building energy analysis</li> </ul>	online	Assignments & exam	Athabasca University	Some pre-requisites required	Contact <a href="https://www.athabascau.ca/contact/index.html">https://www.athabascau.ca/contact/index.html</a> for cost and timeframe		English

### Competency/Compétence 5: Building cost analysis / Analyse du coût du bâtiment

Resource description	Delivery	Accountability	Source	Accessibility	Cost	Time	Language
<p>a) <b>Estimations des coûts de construction: notions et outils pratiques (OAQ)</b></p> <p>b) <b>Estimation des coûts de construction Responsabilité et risques pour les architectes</b></p> <p><a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/estimation-des-couts-de-construction-responsabilite-et-risques-pour-les-architectes/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/estimation-des-couts-de-construction-responsabilite-et-risques-pour-les-architectes/</a></p> <ul style="list-style-type: none"> <li>Quelles sont les obligations des architectes liés à l'estimation des coûts de construction</li> </ul>	En ligne	Re-interview at discretion of the Panel	b) Offert par l'Association des Architectes en pratique privée du Québec (AAPPQ) et le Fonds des architectes	Membres et non-membres de l'OAQ		1h30	en français

<ul style="list-style-type: none"> <li>• Comment repérer les clauses contractuelles déraisonnables pour évaluer votre risque d'affaires avant de soumissionner</li> <li>• Comment réagir face aux exigences des clients et comment vous protéger</li> <li>• Comment prévenir les risques et litiges, notamment pendant quand les conditions de marché sont incertaines</li> </ul>							
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## Competency/Compétence 6: Code research / Recherche dans les codes

Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<b>ROAC PAC Module 3</b> <a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a> <ul style="list-style-type: none"> <li>• Provides a better understanding of building regulations in Canada</li> <li>• Topics include authorities having jurisdiction, role of the architect, national model building codes and their provincial adoption, fire prevention &amp; occupant safety, regulations governing housing &amp; small buildings, requirements pertaining to the building envelope and the Energy Code, Building Code compliance letters &amp; data matrices</li> </ul>	online	Re-interview at discretion of the Panel	ROAC (national in scope)	Open to practicing architects and interns  BEFA applicants are eligible to access	\$100	1 h 40	English/ Français
<b>Architectural Institute of British Columbia (AIBC) Professional Development Courses.</b> <a href="https://aibc.ca/professional-development/courses/ongoing-courses/">https://aibc.ca/professional-development/courses/ongoing-courses/</a>  <b>BC Building Code</b> <ul style="list-style-type: none"> <li>• One of 4 mandatory courses for Intern Architects AIBC and Broadly Experienced Applicant (BEA) candidates</li> <li>• Focuses on the BC Building Code</li> </ul>	Online	Quizzes & tests but no pass/fail  Certificates of completion are provided upon completion	AIBC	Intended for Intern Architects AIBC and Broadly Experienced Applicant (BEA) candidates	AIBC Registrants \$250 + applicable taxes  Others: \$500 + applicable taxes		English

<ul style="list-style-type: none"> <li>Covers the application of grade, building height and building area, applying the Building Code during a design process, analyzing the Building Code in completed designs and a full overview of Letters of Assurance (specifically Schedules A, B, C-A, C-B, S-B and S-C) and a review of the architect's responsibility in each</li> </ul> <p>BCIT's BC Building Code: Part 3 Introduction (BLDG 1830) and Code and Regulations (Building Law in Canada) (BLDG 4500) courses are equivalent to AIBC's BC Building Code course</p>		Re-interview at discretion of the Panel					
<p><b>BLDG 1830 BC Building Code: Part 3 Introduction</b></p> <p><a href="https://www.bcit.ca/courses/bc-building-code-part-3-introduction-bldg-1830/">https://www.bcit.ca/courses/bc-building-code-part-3-introduction-bldg-1830/</a> (addressing category 6- CODE)</p> <ul style="list-style-type: none"> <li>Provides a working knowledge of the purpose, scope, and contents of the 2018 British Columbia Building Code related to Part 3, Fire Protection, Occupant Safety and Accessibility. This course is followed by <u>BLDG 1835</u> B.C. Building Code: Part 3 Advanced.</li> <li>Successful completion of this course qualifies students to write the BOABC exams for Level 3.</li> <li>BCIT's BC Building Code: Part 3 Introduction (BLDG 1830) and Code and Regulations (Building Law in Canada) (BLDG 4500) courses are equivalent to AIBC's BC Building Code course</li> </ul>	Online and in person at Vancouver and Burnaby	Midterm and final exam plus 2 quizzes  Re-interview at discretion of the Panel	British Columbia Institute of Technology (BCIT)	Not self-paced  Open to all but is BC specific	Online: \$530.25  In person: \$571.11	36 hours across 12 weeks	English
<p><b>BC Building Code</b></p> <p><a href="https://aibc.ca/professionaldevelopment/courses/ongoing-courses/">https://aibc.ca/professionaldevelopment/courses/ongoing-courses/</a></p> <ul style="list-style-type: none"> <li>Covers the BC Building Code as related to practice of architecture, application of grade, building height and building area, applying the code during the design process, analyzing the code in completed designs, Letters of Assurance (specifically Schedules A, b, C-A, C-B, S-B and S-C) &amp; architect's responsibilities</li> </ul>	Online	Re-interview at discretion of the Panel	AIBC	Specific to Alberta but open to anyone	\$250 for AIBC registrants  Non-AIBC registrants is \$500 plus applicable taxes.	Must be completed within 3 months of purchase	English

<ul style="list-style-type: none"> <li>Intern Architects AIBC and <b>BEFA</b> applicants will be required to take responsibility for studying the “Letters of Assurance” component, which is an area covered and tested under the Oral Review. They must review the following materials and the embedded links, including: <ul style="list-style-type: none"> <li>Member Advisory – <u>New BC Building Code 2012 Letters of Assurance (Schedules B and C-A)</u>: jointly distributed by AIBC and EGBC.</li> <li><u>British Columbia Codes: 2018.</u></li> </ul> </li> </ul>							
<p><b>OAA SSLS</b></p> <p><b>SCS 3725: The <u>Ontario Building Code Act</u> and the Building Permit Application Process</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-Ontario-Building-Code-Act-and-Building-Permit-Application-Process">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-Ontario-Building-Code-Act-and-Building-Permit-Application-Process</a></p> <ul style="list-style-type: none"> <li>Focuses on code fundamentals, building municipal relationships, and managing the project effectively while working through the application process</li> <li>Covers the legislation governing building structures in Ontario, key terms in the Building Code Act, the building permit application process and submission of a complete building permit application.</li> </ul>	online	100% success on quizzes required - retakes possible  Re-interview at discretion of the Panel	OAA	open	\$100	Own pace	English
<p><b>OAA SSLS</b></p> <p><b>SCS 3728: Ontario Building Code Compliance: Data, Concepts and Code Analysis</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Ontario-Building-Code-Compliance-Data-Concepts-and-Code-Analysis-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Ontario-Building-Code-Compliance-Data-Concepts-and-Code-Analysis-</a></p> <ul style="list-style-type: none"> <li>Reviews the organization of the Code and its guiding principles, including compliance that architects must know.</li> </ul>	online	100% success on quizzes required - retakes possible  Re-interview at discretion of the Panel	OAA	open	\$200	Own pace	English

<ul style="list-style-type: none"> <li>Addresses important topics such as occupancy, building area, height and classification, and various aspects of fire rating and firefighting</li> </ul>							
<p><b>Règlementation du bâtiment (OAQ)</b></p> <ul style="list-style-type: none"> <li>L'OAQ propose périodiquement de nombreux cours en ligne. (Par exemple « Nouvelles exigences en efficacité énergétique des bâtiments au Québec : Application générale et impact sur l'enveloppe » a été offert en décembre 2023. (Formation de l'OAQ)</li> </ul> <p><b>Ressources d'auto-apprentissage</b></p> <p><b>Nouvelle Loi sur les architectes (2020)</b></p> <p><a href="https://www.oaq.com/devoirs-de-larchitecte/reglementation/nouvelle-loi-sur-les-architectes-2020/">https://www.oaq.com/devoirs-de-larchitecte/reglementation/nouvelle-loi-sur-les-architectes-2020/</a></p> <ul style="list-style-type: none"> <li>Site Web fournissant un résumé détaillé des lois de 2020</li> </ul>	En ligne Classe virtuelle	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ	Accessible aux membres et non-membres	Architecte: 595 \$ Stagiaire: 450 \$ Public: 750 \$	10 h	en français
<p><b>Règlementation du bâtiment OAQ</b></p> <p><a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/reglementation-du-batiment-2/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/reglementation-du-batiment-2/</a></p> <ul style="list-style-type: none"> <li>Ce cours propose une méthode d'analyse du Code de construction, Chapitre 1, Bâtiment adapté au contexte de travail des architectes, et des exercices pratiques basés sur des cas réels.</li> <li>En dix modules, le cours traite notamment: du rôle de l'architecte, des autorités compétentes et de la réglementation applicable; <ul style="list-style-type: none"> <li>– de la structure du Code de construction du Québec;</li> <li>– de sécurité incendie;</li> <li>– de la partie 3 et de la partie 9;</li> <li>– de l'intégration des informations relatives à la réglementation dans les plans et devis.</li> </ul> </li> </ul>	En ligne	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ		Architecte: 1120 \$ Stagiaire: 695 \$ Public: 1350 \$	35 h	en français



<p><b>OAQ</b></p> <p><b>Nouvelles exigences en efficacité énergétique des bâtiments au Québec: Application générale et impact sur l'enveloppe</b></p> <p><a href="https://www.voirvert.ca/savoir/repertoireformations/nouvelles-exigences-efficacite-energetique-batiments-au-quebec-0">https://www.voirvert.ca/savoir/repertoireformations/nouvelles-exigences-efficacite-energetique-batiments-au-quebec-0</a></p> <ul style="list-style-type: none"> <li>• Cette formation a pour objectif de familiariser les participants avec le « nouveau » Code de l'énergie afin</li> <li>• D'être en mesure d'analyser les options offertes en fonction de leur projet d'architecture et d'utiliser les outils de base pour évaluer la performance énergétique de leur bâtiment</li> <li>• Offert en décembre 2023</li> <li>• <a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/le-nouveau-code-de-lenergie-pour-les-batiments-au-quebec-application-et-impact-sur-lenveloppe-8/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/le-nouveau-code-de-lenergie-pour-les-batiments-au-quebec-application-et-impact-sur-lenveloppe-8/</a></li> </ul>	En ligne	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ	Accessible aux membres et non-membres	Architecte: 595 \$ Stagiaire: 450 \$ Public: 750 \$	10 h sur 2 jours	en français
<p><b>Milieus de vie durables et résilients</b></p> <ul style="list-style-type: none"> <li>• <a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/</a></li> <li>• Cours obligatoire pour les membres de l'OAQ</li> <li>• Vise à établir un langage commun et une vision commune du rôle et des responsabilités de l'architecte dans la conception de milieux de vie durables et résilients.</li> <li>• La partie 2 est composée de 6 capsules d'environ 5 minutes chacune: 1- Certifications environnementales 2- La conception intégrée 3- Analyse de cycle de vie 4- Empreinte carbone 5- Énergie 6- Bâti existant</li> </ul>	En ligne	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ	Accessible aux membres et non-membres	10-20\$	.5 h	en français

## Competency/Compétence 7: Design Development / Projet préliminaire

Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language

## Competency/Compétence 8: Construction Documents / Projet définitif (documents de construction)

Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<p><b>Northwest Territories Association of Architects (NWTAA)</b></p> <p><a href="https://www.nwtaa.ca/member-resources">https://www.nwtaa.ca/member-resources</a></p> <p><b>Self-study resource:</b> <b>Good Building Practice for Northern Facilities</b></p> <p><a href="https://www.inf.gov.nt.ca/sites/inf/files/resources/3789-gnwt_infrastructure-good_practises_manual_april07_web.pdf">https://www.inf.gov.nt.ca/sites/inf/files/resources/3789-gnwt_infrastructure-good_practises_manual_april07_web.pdf</a></p> <ul style="list-style-type: none"> <li>a technical resource on buildings in the north, particularly related to cold temperature detailing and remote logistics</li> </ul>	online	Re-interview at discretion of the Panel	.NWTAA	Available to anyone but specific to NWT	free	Self-paced	English/ Français Various Indigenous languages
<p><b>RAIC Distance Learning</b></p> <p><a href="https://raic.org/distance-learning">https://raic.org/distance-learning</a></p> <p><b>Building Envelope Course</b></p> <ul style="list-style-type: none"> <li>Mandatory for all of the AAA's Registered Architects (RAs) and Restricted Practitioners (RPs),</li> <li>A review of building science principles and best practices for successful building envelope design</li> <li>Covers the National Energy Code for Buildings (NECB) 2017 as it relates the building envelope</li> <li>11 modules, which include videos and corresponding quizzes.</li> </ul>	Online	minimum pass rate of 80% is required on all modules	.RAIC & AAA	open	Members: \$275 +GST Non-members: \$350 +GST	Self-paced but must complete within 90 days of registration	English

<p><b>British Columbia Institute of Technology</b>  <b>BLDC 3050 Building Envelope Performance</b>  <a href="https://www.bcit.ca/courses/building-envelope-performance-blcd-3050/">https://www.bcit.ca/courses/building-envelope-performance-blcd-3050/</a>          (Addressing building envelope issues in Category 8 – Construction Documents)</p> <ul style="list-style-type: none"> <li>• A practical introduction and application of building science fundamentals for the evaluation, design, and construction of durable and energy efficient building envelopes (enclosures)</li> <li>• Covers the role of climate and the theory of heat flow, vapour flow, air flow, and the application of each principle to the evaluation of building enclosure assemblies</li> </ul>	<p>Online  In-person in Burnaby BC</p>	<p>3 assignments, a mid-term exam, and a final exam</p>	<p>British Columbia Institute of Technology (BCIT)</p>	<p>Not self-paced: 3 sessions in fall  Online: 12 weeks  Online: 11 weeks  In person: 9 weeks  Open to anyone but BC specific</p>	<p>Online: \$547.81  In person: \$588.67</p>	<p>9-12 weeks depending on format</p>	<p>English</p>
<p><b>British Columbia Institute of Technology</b>  <b>Building Science 1</b>  <a href="https://www.bcit.ca/courses/building-science-1-bsci-9000/">https://www.bcit.ca/courses/building-science-1-bsci-9000/</a></p> <ul style="list-style-type: none"> <li>• Designed to introduce the basic and advanced building science principles with a focus on heat, air, and moisture transfer in buildings</li> <li>• Topics include heat conduction, convection and radiation, psychrometric chart, airflow through building components due to combined forces, and moisture transport in air and porous materials including vapour diffusion, convection, and capillarity, surface heat and mass transfer coefficients, equivalent solar-air temperature, clear sky long-wave radiation, thermal and moisture storage, psychrometrics and condensation due to vapour and airflow</li> </ul>	<p>In person in Burnaby, BC</p>	<p>Assignments &amp; exam</p>	<p>British Columbia Institute of Technology (BCIT)</p>		<p>\$1,740.40</p>	<p>3 hours per session over 15 weeks</p>	<p>English</p>
<p><b>Nouvelles exigences en efficacité énergétique des bâtiments au Québec: Application générale et impact sur l'enveloppe</b></p>	<p>En ligne</p>	<p>Nouvelle entrevue, à la discrétion du comité d'évaluation</p>	<p>.OAQ</p>	<p>OAQ membres</p>		<p>10 h sur 2 jours</p>	<p>en français</p>

<p><a href="https://www.voirvert.ca/savoir/repertoireinformations/nouvelles-exigences-efficacite-energetique-batiments-au-quebec-0">https://www.voirvert.ca/savoir/repertoireinformations/nouvelles-exigences-efficacite-energetique-batiments-au-quebec-0</a></p> <ul style="list-style-type: none"> <li>• Cette formation a pour objectif de familiariser les participants avec le « nouveau » Code de l'énergie afin, notamment, d'être en mesure d'analyser les options offertes en fonction de leur projet d'architecture et d'utiliser les outils de base pour évaluer la performance énergétique de leur bâtiment.</li> <li>• Offert périodiquement</li> </ul>							
<p><b>Conception sans obstacles: vos projets sont-ils vraiment conformes?</b></p> <p><a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/conception-sans-obstacles-vos-projets-sont-ils-vraiment-conformes/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/calendrier-des-formations/conception-sans-obstacles-vos-projets-sont-ils-vraiment-conformes/</a></p> <ul style="list-style-type: none"> <li>• Formation externe</li> <li>• Permettre aux participants: <ul style="list-style-type: none"> <li>– d'approfondir leurs connaissances en matière de conception sans obstacles</li> <li>– de comprendre plus finement les besoins des personnes vivant avec un handicap</li> <li>– de concevoir des aménagements performants dans leurs projets, jusque dans les détails</li> </ul> </li> </ul>	En ligne	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ		Architecte: 515 \$  Stagiaire: 385 \$  Public: 650 \$	7 h	en français
<p><b>For self-study:</b> Suggested reading material for Building Envelope Design</p> <ul style="list-style-type: none"> <li>• NRC Building Practice Note No. 54 The Difference Between a Vapour Barrier and an Air Barrier: R. L. Quirouette</li> <li>• Building Enclosure Design Guide - Wood-Frame Multi-Unit Residential Buildings: BC Housing</li> <li>• High performance enclosures- Design guide for institutional, commercial, and industrial buildings in cold climates (Straub): <a href="https://buildingscience.com/bookstore/books/high-performance-enclosures">https://buildingscience.com/bookstore/books/high-performance-enclosures</a></li> </ul>	print	Re-interview at discretion of the Panel	various	open	various	Self-paced	English

<ul style="list-style-type: none"> <li>• Energy Efficient Building Enclosures - Design Guide: HPO / Canadian Wood Council</li> <li>• Builder Insight Bulletins: BC Housing</li> <li>• General Reference – Building Science Corporation <a href="https://buildingscience.com/">https://buildingscience.com/</a></li> <li>• Building Science for Building Enclosures: Straub &amp; Burnett</li> <li>• Building Science for a Cold Climate: Hutcheon &amp; Handegord</li> </ul>							
<b>Competency/Compétence 9: Procurement and contract award / Approvisionnement et attribution de contrat</b>							
Resource description	Delivery	Accountability	Source	Accessibility	Cost	Time	Language
<p><b>RAIC Right Builder, Right Price- Bidding and Contract Award</b></p> <p><a href="https://raic.org/product/right-builder-right-price-bidding-contract-award-regular">https://raic.org/product/right-builder-right-price-bidding-contract-award-regular</a></p> <ul style="list-style-type: none"> <li>• Includes video, quiz, and certificate of completion</li> <li>• Focuses on management and execution of the bidding and contract award phases of any type of construction project.</li> <li>• Provides specific recommendations for handing an awarded project to a construction administrator</li> </ul>	Online streaming	Quiz	RAIC		Member: \$150 Non-member: \$225 Intern Member: \$105 Intern non-member: \$150	3 hours	English
<p><b>RAIC Introduction aux contrats numériques de l'IRAC</b></p> <p><a href="https://raic.org/fr/ressourcespourlapratique">https://raic.org/fr/ressourcespourlapratique</a></p> <ul style="list-style-type: none"> <li>• Webinaire qui explore le fonctionnement de la plateforme des contrats numériques</li> </ul>	En ligne	Nouvelle entrevue à la discrétion du comité d'évaluation	RAIC		Gratuit pour les membres Les non-membres économisent 5 \$ en les achetant en forfait.	18:15 minutes	en français

<p><b>ROAC PAC Module 4</b>  <b>The Design &amp; Construction Processes</b>  <a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a></p> <ul style="list-style-type: none"> <li>Examines role of the architect during different phases of a project from initial design phase through tendering, the awarding of the contract &amp; construction phase</li> <li>Also covers the types of construction project delivery &amp; various construction documents including contracts, specifications &amp; drawings</li> </ul> <p><b>Les processus de conception et de construction</b>  <a href="https://roac.miiro.ca/fr/ciq/277-module-4-les-processus-de-conception-et-de-construction-pqt">https://roac.miiro.ca/fr/ciq/277-module-4-les-processus-de-conception-et-de-construction-pqt</a></p> <ul style="list-style-type: none"> <li>Examine le rôle de l'architecte au cours des différentes phases d'un projet, depuis la phase de conception initiale jusqu'à l'appel d'offres, l'attribution du contrat et la phase de construction.</li> <li>Couvre également les types de réalisation de projets de construction et divers documents de construction, y compris les contrats, les devis et les dessins.</li> </ul>	online	Re-interview at discretion of the Panel		Open to practicing architects and interns  BEFA applicants are eligible to access	Module 4: \$100	Module 4: 2h 15	English/ Français
<p><b>OAA SSLS</b>  <b>SCS 3729: Legal Aspects: Professional Liability and Architects' Contracts.</b>  <a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Legal-Aspects-Professional-Liability--Architects-Contracts">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Legal-Aspects-Professional-Liability--Architects-Contracts</a></p> <p>Focuses on basic legal principles related to architectural practice with regard to common law, judicial process, alternative dispute resolution, and professional liability.  Covers:</p> <ul style="list-style-type: none"> <li>elements of the judicial process and the court systems</li> <li>the most frequently used methods for alternate dispute resolution</li> </ul>	online	Success on quizzes required for advancement through module  Re-interview at discretion of the Panel	OAA  Always available	Intended for interns, practicing architects, and BEFA applicants	\$100 for everyone	3 hours	English

<ul style="list-style-type: none"> <li>• key concepts of contract law</li> <li>• the stages of a lawsuit in the context of professional liability</li> <li>• the risk management measures in the context of professional liability</li> <li>• the importance of contracts in the practice of architecture</li> <li>• the roles and relationships among architects, owners, consultants, and contractors</li> <li>• an architect's responsibilities as reflected in OAA standard contracts</li> <li>• how the administration of architect contracts relates to the practice of architecture</li> <li>• standard versus non-standard contracts</li> <li>• Standard Contracts OAA 600 and OAA 900</li> </ul>							
<p><b>OAA SSLS</b></p> <p><b>SCS 3726: Bid Theory and Bid Practice.</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-Bid-Theory-and-Bid-Practice-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-Bid-Theory-and-Bid-Practice-</a></p> <ul style="list-style-type: none"> <li>• Focuses on the legal framework and process for construction bidding and other forms of procurement</li> <li>• Covers Instructions to Bidders and its various clauses, the principles of tendering, the elements of contract law, the issues that arise on a bid review committee and the principles of non-compliance</li> </ul>	Online On demand	100% success on quizzes required - retakes possible  Re-interview at discretion of the Panel	OAA	Intended for interns, practicing architects and BEFA applicants	On demand	\$100 for all member types	English
<b>Competency/Compétence 10: Construction phase / Phase de la construction</b>							
<b>Resource description</b>	<b>Delivery</b>	<b>Account-ability</b>	<b>Source</b>	<b>Access-ibility</b>	<b>Cost</b>	<b>Time</b>	<b>Language</b>
<b>Royal Architectural Institute of Canada</b> <b>RAIC 720: Construction Contract Administration and Field Review</b>	online	Graded assignments & tests if taken as a	ROAC	Members	Intern Member: \$400	Continuing ed - self paced University credit - 12	English/ Français

<p><a href="https://raic.org/raic/construction-contract-administration-and-field-review">https://raic.org/raic/construction-contract-administration-and-field-review</a></p> <p>Self-paced online</p> <ul style="list-style-type: none"> <li>• Offered as a continuing education and university degree</li> <li>• consists of several lesson units with their own unit description page, discussion board forum, presentation folder, exercises folder, resource folder and assignments.</li> </ul> <p><b>Administration du contrat de construction et surveillance de chantier</b></p> <p><a href="https://raic.org/fr/product/construction-contract-administration-and-field-review-architects-regular">https://raic.org/fr/product/construction-contract-administration-and-field-review-architects-regular</a></p> <ul style="list-style-type: none"> <li>• A votre rythme en ligne</li> <li>• Offert sous forme de formation continue et dans le cadre d'un programme universitaire</li> <li>• Se compose de plusieurs unités de cours avec leur propre page de description d'unité, un forum de discussion, un dossier de présentation, un dossier d'exercices, un dossier de ressources et des devoirs. Donné en anglais</li> </ul>		<p>university credit course</p> <p>Re-interview at discretion of the Panel</p>			<p>Intern non-member: \$500</p> <p>BEFA pays non-member fee</p>	<p>weeks-suggested completion time is 1 lesson/ week. Each lesson requires approx. 3 hours</p>	
<p><b>ROAC PAC Module 4 The Design &amp; Construction Processes</b></p> <p><a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a></p> <ul style="list-style-type: none"> <li>• Examines role of the architect during different phases of a project from initial design phase through tendering, the awarding of the contract &amp; construction phase</li> <li>• Also covers the types of construction project delivery &amp; various construction documents including contracts, specifications &amp; drawings</li> </ul> <p><b>Les processus de conception et de construction</b></p> <p><a href="https://roac.miiro.ca/fr/ciq/277-module-4-les-processus-de-conception-et-de-construction-pqt">https://roac.miiro.ca/fr/ciq/277-module-4-les-processus-de-conception-et-de-construction-pqt</a></p>	<p>online</p>	<p>Re-interview at discretion of the Panel</p>	<p>ROAC</p>	<p>Open to practicing architects and interns BEFA applicants are eligible to access</p>	<p>Module 4: \$100</p>	<p>Module 4: 2h 15</p>	<p>English/ Français</p>



<ul style="list-style-type: none"> <li>• Examine le rôle de l'architecte au cours des différentes phases d'un projet, depuis la phase de conception initiale jusqu'à l'appel d'offres, l'attribution du contrat et la phase de construction.</li> <li>• Couvre également les types de réalisation de projets de construction et divers documents de construction, y compris les contrats, les devis et les dessins.</li> </ul>							
<p><b>Architectural Institute of British Columbia (AIBC) Professional Development Courses</b>  <a href="https://aibc.ca/professional-development/courses/ongoing-courses/">https://aibc.ca/professional-development/courses/ongoing-courses/</a></p> <p><b>Construction Administration</b></p> <ul style="list-style-type: none"> <li>• One of four mandatory courses for AIBC interns &amp; Broadly Experienced Applicants (BEA)</li> <li>• Focuses on the key systematic approaches to Construction Administration that reduce risk as well as effort while ensuring contractual compliance., the key principles underlying Construction Administration activities, how the fundamental pre-construction aspects of contracts and risks set the stage for Construction Administration and how to implement up to 11 elements of Construction Administration that may be required for any project</li> <li>• Covers contractual compliance, risk management, AIBC Standard Short Form Contract Between Client &amp; Consultant 8C, consultant roles, Letters of Assurance, communication, regulatory agencies, RFI process, payment certification, submittals, principles of mock-up identification, changes and instruction, field review, deficiencies &amp; nonconformance, substantial performance and occupancy, and warranty performance and occupancy at the completion phase and warranty</li> </ul>	online	Re-interview at discretion of the Panel	AIBC	Specific to BC but open to anyone	\$250 for AIBC registrants  non-AIBC registrants pay \$500 plus applicable taxes.	4-6 hours  Must be completed within 3 months of purchase	English

<p><b>OAA SSLS</b>  <b>SCS 3724: The Construction Act</b>  <a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-The-Construction-Act-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/-The-Construction-Act-</a></p> <ul style="list-style-type: none"> <li>Explains why it is crucial to understand your own rights and trust obligations under the CA</li> <li>Covers: <ul style="list-style-type: none"> <li>who is eligible to benefit from the Construction Act;</li> <li>when, and how, to issue a certificate of substantial performance and a statement of completion;</li> <li>the process of registering a lien;</li> <li>differences among the following procedures: <ol style="list-style-type: none"> <li>Notice of Lien</li> <li>Preservation of a Lien</li> <li>Perfection of a Lien;</li> </ol> </li> <li>how the lien rights of an architect differ as an architect engaged as a prime consultant by the client, and as a sub-consultant to the prime consultant; and</li> <li>the various office processes of an architectural practice required of the payment certifier on a construction contract related to the Construction Act.</li> </ul> </li> </ul>	online	20-question quiz  Re-interview at discretion of the Panel	OAA	OAA members	\$100 for all member types	Self-paced	English
<p><b>OAA SSLS</b>  <b>SSCS: 3721: Construction Contract Administration and General Review</b>  <a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Construction-Contract-Administration-and-General-Review-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Construction-Contract-Administration-and-General-Review-</a></p> <ul style="list-style-type: none"> <li>Focuses on the issues and responsibilities that need to be addressed during the construction phase of a building project</li> <li>Covers: <ul style="list-style-type: none"> <li>the general process of construction contract administration</li> <li>key participants in CCA and their roles</li> <li>methods of project delivery</li> </ul> </li> </ul>	Online on demand	100% success on quizzes required - retakes possible  Re-interview at discretion of the Panel	OAA	Intended for interns, practicing architects, and BEFA applicants	On demand	\$100 for all member types	

<ul style="list-style-type: none"> <li>○ the different meetings and deliverables in contract administration</li> <li>○ paperwork and procedures required to administer the construction contract</li> <li>○ the different types of reviews</li> <li>○ closing procedures</li> </ul>							
<p><b>Athabasca University</b></p> <p><b>APST 470: Building Envelope and Assemblies</b></p> <p><a href="https://drr2.lib.athabascau.ca/index.php?c=node&amp;m=detail&amp;n=48595">https://drr2.lib.athabascau.ca/index.php?c=node&amp;m=detail&amp;n=48595</a></p> <p><a href="https://www.athabascau.ca/syllabi/apst/apst470.html">https://www.athabascau.ca/syllabi/apst/apst470.html</a></p> <ul style="list-style-type: none"> <li>• Examines various elements that mediate between the interior and exterior environments, both above and below the ground, in manners appropriate to their intended function and performance. Case studies of building enclosures and their components illustrate the importance of having a comprehensive understanding of building materials and building processes. Wall sections and other building details are used to identify strategies to achieve sustainable and high-performance buildings in various climates.</li> </ul>	online	Assignments & exams	Athabasca University	Intended for students enrolled in the BSc (Architecture) program at the RAIC Centre for Architecture at Athabasca University	Self-paced individualized study with e-Text	\$129.00	English
<p><b>Athabasca University</b></p> <p><b>APST 350: Applied Architectural Sciences</b></p> <p><a href="https://science22.lms.athabascau.ca/course/info.php?id=1819">https://science22.lms.athabascau.ca/course/info.php?id=1819</a></p> <p><a href="https://www.athabascau.ca/syllabi/apst/apst350.html#content-section-evaluation">https://www.athabascau.ca/syllabi/apst/apst350.html#content-section-evaluation</a></p> <ul style="list-style-type: none"> <li>• Introduces the scientific basis underlying the design, analysis, and evaluation of the building envelope as a separator of different environments. The purpose of this course is to link theoretical knowledge to applications in practice. This approach will support an increase in evidence-based practice</li> </ul>	online	Assignments & exams	Athabasca University	Intended for students enrolled in the BSc (Architecture) program at the RAIC Centre for Architecture at	Self-paced individualized study with e-Text	\$129.00	English

<ul style="list-style-type: none"> <li>Relates building assemblies, components, and materials to different thermal, hydrostatic, and hygrometric conditions. A building's impact on its own microclimatic conditions and the interactions of building form, orientation, and envelope with building energy consumption are discussed</li> </ul>				Athabasca University			
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## Competency/Compétence 11: Management of the project / Administration du projet

Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<p><b>FRAP Module 7 Business Aspects-Contracts</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>Looks at a number of agreements between the client and the architectural consultant, and the architectural consultant and subconsultants, including the following:</li> <li>OAA 800 (the short-form contract for architectural services);</li> <li>OAA 600 (the recommended contract for architectural services and basis for structuring the detailed discussion of the Client–Architect or Client–Licensed Technologist OAA, contracts); and</li> <li>OAA 900 (the recommended contract for engaging subconsultants, whether engineers, Certificate of Practice Holders, or others).</li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST	31 structured hours	English
<p><b>RAIC/ IRAC Project Management for architects</b></p> <p><a href="https://raic.org/pmcourse">https://raic.org/pmcourse</a></p> <p>Includes:</p> <ul style="list-style-type: none"> <li>Project management tools and templates for architectural practice</li> <li>40 hours of instruction &amp; practical exercises</li> </ul>	In person in Toronto and Calgary	Exam & certification	RAIC	For practicing architects and interns	Up to \$2149.00	<p>Offered over two weekends</p> <p>41 hours</p>	English only

<ul style="list-style-type: none"> <li>Premium PMP® certification exam preparation kit including textbook, study aids, online resources, and an online test question bank.</li> </ul> <p><b>Gestion de projet pour architectes (IRAC)</b></p> <p><a href="https://raic.org/fr/raic/gestion-de-projets-pour-les-architectes">https://raic.org/fr/raic/gestion-de-projets-pour-les-architectes</a></p> <ul style="list-style-type: none"> <li>En deux parties, offre des connaissances en gestion de projets dans le contexte d'un bureau d'architecte et prépare les participants à l'examen de certification de PMP® du Project Management Institute</li> <li>Divisé en deux séances, à deux semaines d'intervalle</li> </ul>							
<p><b>Competency/Compétence 12: Professionalism &amp; professional practice / Professionnalisme et pratique professionnelle</b></p>							
Resource description	Delivery	Account-ability	Source	Access-ibility	Cost	Time	Language
<p><b>ROAC PAC Module 1</b></p> <p><b>An overview of architectural practice in Canada</b></p> <p><a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a></p> <ul style="list-style-type: none"> <li>Describes specific characteristics of the practice of architecture in Canada</li> <li>Presents the main professions; bodies &amp; the context in which architects practice</li> <li>Discusses the responsibility of the architect with respect to fire protection, various climatic and seismic zones, and Canadian building regulations</li> </ul> <p><b>Aperçu de la pratique architecturale au Canada</b></p> <p><a href="https://roac.miiro.ca/fr/ciq/272-module-1-aperçu-de-la-pratique-architecturale-au-canada-pqt">https://roac.miiro.ca/fr/ciq/272-module-1-aperçu-de-la-pratique-architecturale-au-canada-pqt</a></p>	online	Re-interview at discretion of the Panel	ROAC	Open to practicing architects and interns BEFA applicants are eligible to access	Module 1: \$75	Module 1: 1h 10	English/ Français

<ul style="list-style-type: none"> <li>• Décrit les caractéristiques spécifiques de la pratique de l'architecture au Canada</li> <li>• Présente les principales professions; les organismes concernés et le contexte dans lequel les architectes pratiquent</li> <li>• Discute de la responsabilité de l'architecte en ce qui concerne la protection contre les incendies, les diverses zones climatiques et sismiques et les réglementations du bâtiment canadien</li> </ul>							
<p><b>ROAC PAC Module 2</b>  <b>An In-depth Look at the Profession</b>  <a href="https://roac.miiro.ca/en/223-all-formations">https://roac.miiro.ca/en/223-all-formations</a></p> <ul style="list-style-type: none"> <li>• Discusses provincial and territorial laws &amp; regulations, codes of ethics, standards of practice</li> <li>• Other topics include the issuing of permits, certificates of practice, professional liability, insurance requirements, management of an architectural firm</li> </ul> <p><b>La profession, un regard approfondi</b>  <a href="https://roac.miiro.ca/fr/ciq/279-module-2-la-profession-un-regard-approfondi-pqt">https://roac.miiro.ca/fr/ciq/279-module-2-la-profession-un-regard-approfondi-pqt</a></p> <ul style="list-style-type: none"> <li>• Discute des lois et réglementations provinciales et territoriales, codes d'éthique, normes de pratique</li> <li>• Les autres sujets comprennent la délivrance des permis, les certificats de pratique, la responsabilité professionnelle, les exigences d'assurance, la gestion d'un cabinet d'architectes</li> </ul>	online	Re-interview at discretion of the Panel		Open to practicing architects and interns  BEFA applicants are eligible to access	Module 2: \$75	Module 2: 1h 15	English/ Français
<p><b>Project Risk Management</b>  <a href="https://raic.org/product/project-risk-management-architects-regular">https://raic.org/product/project-risk-management-architects-regular</a></p> <ul style="list-style-type: none"> <li>• Draws on bodies of knowledge of Risk Management, Project Management, and Architectural Practice</li> </ul>	online	Final quiz	RAIC/ IRAC	For practicing architects	Member: \$615  Non-member: \$750.	24 - 30 hours	English/ Français

<ul style="list-style-type: none"> <li>Covers CCA and FR system for an architectural project, existing and emergent construction communications systems needed to manage CCA and FR, delivery of CCA and FR activities, and performing Field Review</li> <li>Ten lesson units - 3-hours each, Final quiz, certificate of completion.</li> </ul> <p><b>Gestion des risques de projet</b></p> <p><a href="https://raic.org/product/gestion-des-risques-de-projet-regulier">https://raic.org/product/gestion-des-risques-de-projet-regulier</a></p> <p><a href="https://raic.org/fr/raic/gestion-des-risques-des-projets">https://raic.org/fr/raic/gestion-des-risques-des-projets</a></p> <ul style="list-style-type: none"> <li>Cours à la demande et à votre rythme comprenant plusieurs leçons sur la gestion des risques, la gestion de projet et la pratique de l'architecture.</li> <li>Inscription en tant que cours de formation continue ou de cours universitaire de cycle supérieur Le cours comprend des forums de discussion, des exercices et des devoirs.</li> <li>Il permet d'appliquer habilement les outils et techniques de gestion des risques du projet aux projets.</li> </ul>							
<p><b>Architectural Institute of British Columbia (AIBC) Professional Development Courses</b></p> <p><a href="https://aibc.ca/professional-development/courses/ongoing-courses/">https://aibc.ca/professional-development/courses/ongoing-courses/</a></p> <p><b>Architects and the Law (coming soon)</b></p> <ul style="list-style-type: none"> <li>One of four mandatory courses for AIBC interns &amp; Broadly Experienced Applicants (BEA)</li> <li>Focuses on the use the standard architect (consulting) contract in architectural practice, the legal structure which governs architectural practice &amp; how professional liability arises</li> <li>Also covers the Canadian legal system, Common law obligations &amp; risks associated with architectural practice, contract law fundamentals, standard architect contract and AIBC Standard Form of Contract 6VC, builders Liens, elements of negligence and civil liability, tendering and liability insurance</li> </ul>	online	<p>Quizzes &amp; tests but no pass/fail</p> <p>An oral exam is the final exam</p> <p>Certificates of completion are provided upon completion</p> <p>Re-interview at discretion of the Panel</p>	AIBC		<p>AIBC Registrants: \$250 + applicable taxes</p> <p>Others: \$500 + applicable taxes</p>	Requires 4-6 hours to complete within a 3-month interval	English

<p><b>Architectural Institute of British Columbia (AIBC) Professional Development Courses</b>  <a href="https://aibc.ca/professional-development/courses/ongoing-courses/">https://aibc.ca/professional-development/courses/ongoing-courses/</a></p> <p><b>Ethics, Act &amp; Bylaws (Coming soon)</b></p> <ul style="list-style-type: none"> <li>• One of four mandatory courses for AIBC interns &amp; Broadly Experienced Applicants (BEA)</li> <li>• Focuses on applicable sections of the <i>Architects Act</i> and the AIBC Code of Conduct and Professional Ethics for practicing architects.</li> <li>• Covers professional self-regulation in relation to architectural practice including the ethical and competency requirements in the <i>Architects Act</i>, Bylaws, Bulletins, and Council Rulings in the Code of Ethics and Professional Conduct and how the AIBC regulatory documents are used</li> <li>• Key concepts are <i>Architect's Act</i> &amp; Bylaws, Cases of AIBC Bylaws contravention, using the Certificate of Practice, bylaws associated with competition &amp; conflict of interest, and Bylaw 28.1 &amp; CCDC2</li> </ul>	online	<p>Quizzes &amp; tests but no pass/fail</p> <p>Certificates of completion are provided upon completion</p> <p>Re-interview at discretion of the Panel</p>	AIBC		<p>AIBC Registrants: \$250 + applicable taxes</p> <p>Others: \$500 + applicable taxes</p>	Requires 4-6 hours to complete within a 3-month interval	English
<p><b>Alberta Association of Architects Practice Bulletin 26 Course &amp; Quiz</b>  <a href="https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/AAA-Courses">https://www.aaa.ab.ca/Professional-Resources/Professional-Development/Learning-Opportunities/AAA-Courses</a></p> <ul style="list-style-type: none"> <li>• Includes a course, followed by a quiz</li> <li>• Highlights variations in the applicable Alberta legislation used to determine if the participation of an architect or licensed interior designer is required for a project</li> <li>• Also provides guidance about how the <i>Architects Act</i> specifically applies</li> </ul>	online	Quiz Successful completion required	AAA	AAA members	free	Self-paced	English
<p><b>OAA SSLS SCS 3729: Legal Aspects: Professional Liability and Architects' Contracts</b></p>	online	Success on quizzes required for advancement	OAA Always available	Intended for interns, practicing architects, and	\$100 for everyone	3 hours	English



<p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Legal-Aspects-Professional-Liability--Architects-Contracts">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Legal-Aspects-Professional-Liability--Architects-Contracts</a></p> <ul style="list-style-type: none"> <li>• Focuses on basic legal principles related to architectural practice with regard to common law, judicial process, alternative dispute resolution, and professional liability.</li> <li>• Covers: <ul style="list-style-type: none"> <li>○ elements of the judicial process and the court systems</li> <li>○ the most frequently used methods for alternate dispute resolution</li> <li>○ key concepts of contract law</li> <li>○ the stages of a lawsuit in the context of professional liability</li> <li>○ the risk management measures in the context of professional liability</li> <li>○ the importance of contracts in the practice of architecture</li> <li>○ the roles and relationships among architects, owners, consultants, and contractors</li> <li>○ an architect's responsibilities as reflected in OAA standard contracts</li> <li>○ how the administration of architect contracts relates to the practice of architecture</li> <li>○ d standard versus non-standard contracts</li> <li>○ Standard Contracts OAA 600 and OAA 900</li> </ul> </li> </ul>		<p>through module</p> <p>Re-interview at discretion of the Panel</p>		<p>BEFA applicants</p>			
<p><b>OAA SSLS</b>  <b>SCS 3734: Professional Responsibility, Ethics, and Membership in a self-regulating Profession</b></p> <p><a href="https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Professional-Responsibility-Ethics-and-Membership-in-a-Self-Regulating-Profession-">https://oaa.on.ca/whats-on/coned-opportunities/conedopportunities/Professional-Responsibility-Ethics-and-Membership-in-a-Self-Regulating-Profession-</a></p> <ul style="list-style-type: none"> <li>• Addresses professional and responsible conduct for an architect, an architect's responsibilities for projects or practices, and how to make a practice more productive</li> </ul>	<p>online</p>	<p>20-question quiz</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA</p>	<p>OAA members</p>	<p>\$100 for all member types</p>	<p>Self-paced</p>	<p>English</p>

<ul style="list-style-type: none"> <li>Covers: <ul style="list-style-type: none"> <li>the rationale behind the OAA Admission course;</li> <li>the legal instruments and regulations for the practice of architecture;</li> <li>professionalism and professional obligations;</li> <li>the structure and functions of the OAA; and an architect's professional responsibilities.</li> </ul> </li> </ul>							
<b>ARC6830 - Pratique professionnelle (Université de Montréal)</b> <a href="https://admission.umontreal.ca/cours-et-horaires/cours/arc-6830/">https://admission.umontreal.ca/cours-et-horaires/cours/arc-6830/</a> <ul style="list-style-type: none"> <li>Principaux aspects de la profession incluant: le stage en architecture les différents aspects de la pratique, l'ordre professionnel, la dimension éthique, la responsabilité légale et le rôle de l'architecte dans la société</li> </ul>	en personne	Examen  Nouvelle entrevue, à la discrétion du comité d'évaluation	Université de Montréal	conditions préalables		1 trimestre	en français
<b>Milieus de vie durables et résilients.</b> <ul style="list-style-type: none"> <li><a href="https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/">https://www.oaq.com/devoirs-de-larchitecte/formation-continue/formations-en-ligne/milieus-de-vie-durables-et-resilients-partie-2-3/</a></li> <li>Cours obligatoire pour les membres de l'OAQ</li> <li>Vise à établir un langage commun et une vision commune du rôle et des responsabilités de l'architecte dans la conception de milieux de vie durables et résilients.</li> <li>La partie 2 est composée de 6 capsules d'environ 5 minutes chacune: 1- Certifications environnementales 2- La conception intégrée 3- Analyse de cycle de vie 4- Empreinte carbone 5- Énergie 6- Bâti existant</li> </ul>	En ligne	Nouvelle entrevue, à la discrétion du comité d'évaluation	OAQ	Membres de l'OAQ	10-20\$	0,5 h	en français
<b>Northwest Territories Association of Architects</b> <a href="https://www.nwtaa.ca/member-resources">https://www.nwtaa.ca/member-resources</a> <b>Living Well Together</b>	online	Re-interview at discretion of the Panel	NWTAA and GNWT	Open to all people	free	Self-paced	English

<p><a href="https://www.fin.gov.nt.ca/en/services/diversity-and-inclusion/living-well-together">https://www.fin.gov.nt.ca/en/services/diversity-and-inclusion/living-well-together</a></p> <ul style="list-style-type: none"> <li>• An online course for Indigenous cultural awareness and sensitivity, developed by the GNWT but available for anyone to take. NWTAA is planning to make certain modules of this course a Continuing Education mandatory requirement in the next cycle.</li> <li>• Training is provided in two series: The Truth series (Modules 2-5), which focuses on awareness about colonization, residential schools and Indigenous, non-Indigenous relations, and the Reconciliation series (Modules 6-8), which focuses on developing cultural sensitivity and the practice of reconciliation.</li> </ul>							
<p><b>Northwest Territories Association of Architects</b></p> <p><a href="https://www.nwttaa.ca/member-resources">https://www.nwttaa.ca/member-resources</a></p> <p><b>Living Arctic</b></p> <p><a href="https://openlibrary.org/works/OL3857815W/Living_Arctic?edition=livingarctichunt0000brod">https://openlibrary.org/works/OL3857815W/Living_Arctic?edition=livingarctichunt0000brod</a></p> <ul style="list-style-type: none"> <li>• Book for self-study</li> <li>• Available free from Open Library</li> <li>• Appropriate for development of cultural sensitivity</li> </ul>	Print book	Re-interview at discretion of the Panel	NWTAA	Open to all people	Can be borrowed for free	Self-paced	English
<b>FRAP MODULES CONTINGENT ON OAA PERMISSION TO ALLOW BEFA APPLICANTS TO TAKE SINGLE MODULES</b>							
<p><b>FRAP Module 7: Business Aspects – Contracts</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Looks at a number of agreements between the client and the architectural consultant, and the architectural consultant and subconsultants, including the following:</li> </ul>	online	Success on quizzes required for advancement through module/course	OAA through University of Toronto  Offered 3 times a year	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English

<ul style="list-style-type: none"> <li>○ OAA 800 (the short-form contract for architectural services);</li> <li>○ OAA 600 (the recommended contract for architectural services and basis for structuring the detailed discussion of the Client–Architect or Client–Licensed Technologist OAA, contracts); and</li> <li>○ OAA 900 (the recommended contract for engaging subconsultants, whether engineers, Certificate of Practice Holders, or others).</li> </ul>		Re-interview at discretion of the Panel					
<p><b>FRAP Module 8: Business aspects – Financial management</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Intended to develop an understanding of the relationships between income and expenses</li> <li>• Topics covered include: <ul style="list-style-type: none"> <li>○ key terminology in finance and accounting such as revenue, expenses, profits, and liabilities</li> <li>○ reading financial statements</li> <li>○ data that factors into financial decisions</li> <li>○ calculating key financial ratios to measure business performance</li> <li>○ creating an annual firm-level budget</li> <li>○ common financial issues for architects</li> </ul> </li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English
<p><b>FRAP Module 9: Operational aspects – Organizational behaviour and leadership</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Examines the fundamental application of organizational behaviour theory critical in managing an architectural practice</li> <li>• Focused on the human dimensions of engagement, motivation, conflict resolution, and satisfaction</li> <li>• Topics covered include:</li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English

<ul style="list-style-type: none"> <li>○ foundational organizational behaviour theories in practice</li> <li>○ personal leadership and delegation styles</li> <li>○ application of decision-making models for organizational leadership</li> <li>○ professional motivation and appropriate incentive goals</li> <li>○ evaluation and application of appropriate goal-setting and review paradigms for project leadership</li> <li>○ the development &amp; application of leadership strategies for success in navigating the complexities of the AEC industry</li> </ul>							
<p><b>FRAP Module 10: Operational aspects – Organization and planning</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Explores the many considerations that need to be explored when initially forming an architecture practice</li> <li>• Topics covered include: <ul style="list-style-type: none"> <li>○ different business strategies and their relationship to architecture</li> <li>○ the components of business models</li> <li>○ aspects that need to be considered when forming an architectural practice</li> <li>○ the purpose of a business plan and how to effectively write one</li> <li>○ the skills and considerations needed to sustain an architectural firm</li> </ul> </li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English
<p><b>FRAP Module 11: Operational Aspects – Human Relations</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Focused on team relationships</li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p>	<p>OAA through University of Toronto</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English

<ul style="list-style-type: none"> <li>• Topics covered include: <ul style="list-style-type: none"> <li>○ key policies and procedures for hiring and employing staff for a new architectural practice</li> <li>○ key federal and provincial regulations associated with the hiring, retention, and release of staff</li> <li>○ the features/conditions, benefits, and drawbacks of an employment contract</li> <li>○ desirable attributes of small firm culture and methods to sustain that culture.</li> </ul> </li> </ul>		Re-interview at discretion of the Panel	Offered 3 times a year				
<p><b>FRAP Module 12: Operational Aspects – Operations Management</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• discusses how to leverage an office’s human, business, and information resources</li> <li>• Topics covered include: <ul style="list-style-type: none"> <li>○ how to convert labour and talents into architectural services</li> <li>○ the business practices required to create the highest level of efficiency and profit possible</li> <li>○ how workflow affects an architectural practice</li> <li>○ the importance of business/information technology</li> <li>○ balancing costs with revenue to achieve the highest net operating profit possible.</li> </ul> </li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English
<p><b>FRAP Module 13: Operational aspects – Project management</b></p> <p><a href="https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice">https://oaa.on.ca/working-with-an-architect/member-benefits/continuing-education-program/fundamentals-of-running-an-architectural-practice</a></p> <ul style="list-style-type: none"> <li>• Focuses on the tools and strategies of effective project management</li> <li>• Topics covered include: <ul style="list-style-type: none"> <li>○ the nature of Architectural Project Management within the building project delivery process and broader PM industry</li> </ul> </li> </ul>	online	<p>Success on quizzes required for advancement through module/ course</p> <p>Re-interview at discretion of the Panel</p>	<p>OAA through University of Toronto</p> <p>Offered 3 times a year</p>	Open to BEFA applicants	\$745 + HST for package	31 structured hours for package	English

<ul style="list-style-type: none"> <li>○ project management tools necessary for planning, scheduling, budgeting, and controlling a typical building design project</li> <li>○ the eight elements of a good workplan for a typical building design project;</li> <li>○ strategies to manage the potential sources and impacts of scope creep on a typical building design project;</li> <li>○ the reasons for change orders and develop a project change management strategy; and</li> <li>○ the processes of Quality Assurance and Quality Control in architectural practice, design, and production operations.</li> </ul>							

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