



Committee Members

Charles “Sonny” Ward III, Chair
Malcolm Brett Gladstone, Vice Chair
Tian Feng
Eric Lum
Barry Williams

NOTICE OF TELECONFERENCE MEETING

Professional Qualifications Committee

The Professional Qualifications Committee (Committee) of the California Architects Board (Board) will meet by teleconference at

10:00 a.m. on Wednesday, March 30, 2022

Note: Pursuant to Governor Gavin Newsom’s Executive Order [N-1-22](#), issued on January 5, 2022, and the provisions of Government Code section 11133 this meeting will be held by teleconference with no physical public locations.

Important Notice to the Public: The Committee will hold a public meeting via Webex Events. To participate in the Webex meeting, please log on to this website the day of the meeting:

<https://dca-meetings.webex.com/dca-meetings/j.php?MTID=md0e8f616f5836cafd9cd7f2e41e46463>

Webex Event/Meeting Number: 2495 443 6289

Password: CAB03302022

Instructions to connect to the meeting can be found at the end of this agenda.

Due to potential technical difficulties, please consider submitting written comments by March 23, 2022, to cab@dca.ca.gov for consideration.

AGENDA

10:00 a.m. to 2:00 p.m.
(or until completion of business)

Action may be taken on any item listed below.

1. Call to Order / Roll Call / Establishment of a Quorum
2. Chair’s Procedural Remarks and Committee Member Introductory Comments
3. Public Comment on Items Not on the Agenda

The Committee may not discuss or act on any item raised during this public comment section, except to decide whether to refer the item to the Board’s next Strategic Planning

(Continued)

session and/or place the matter on the agenda of a future meeting (Government Code sections 11125 and 11125.7(a)).

4. Review and Possible Action on January 25, 2022 Committee Meeting Minutes
5. Discuss and Possible Action on 2022-2024 Strategic Plan Objective to Collaborate with Legal to Implement Assembly Bill 1010 (Chapter 176, 2021 Stats.) in Developing Regulations and Aligning Committee Findings to Provide More Consistency and Make Continuing Education Requirements More Relevant to Current Licensing Requirements
6. Discuss and Possible Action on 2022-2024 Strategic Plan Objective to Amend Existing Regulations to Revise and Expand the Types of Degrees Accepted for Licensure to Remove Barriers to Licensure
7. Adjournment

Action may be taken on any item on the agenda. The time and order of agenda items are subject to change at the discretion of the Chair and may be taken out of order. The meeting will be adjourned upon completion of the agenda, which may be at a time earlier or later than posted in this notice. In accordance with the Bagley-Keene Open Meeting Act, all meetings of the Committee are open to the public.

The Committee plans to webcast the meeting on its website at www.cab.ca.gov. Webcast availability cannot be guaranteed due to limitations on resources or technical difficulties. The meeting will not be cancelled if webcast is not available.

Government Code section 11125.7 provides the opportunity for the public to address each agenda item during discussion or consideration by the Committee prior to it taking any action on said item. Members of the public will be provided appropriate opportunities to comment on any issue before the Committee, but the Chair may, at their discretion, apportion available time among those who wish to speak. Individuals may appear before the Committee to discuss items not on the agenda; however, the Committee can neither discuss nor take official action on these items at the time of the same meeting (Government Code sections 11125 and 11125.7(a)).

This meeting is being held via Webex Events. The meeting is accessible to the disabled. A person who needs a disability-related accommodation or modification to participate in the meeting may make a request by contacting:

Person: Marccus Reinhardt
Telephone: (916) 471-0764
Email: marccus.reinhardt@dca.ca.gov
Telecommunications Relay Service: Dial 711

Mailing Address:
California Architects Board
2420 Del Paso Road, Suite 105
Sacramento, CA 95834

Providing your request at least five (5) business days before the meeting will help to ensure availability of the requested accommodation.

Protection of the public shall be the highest priority for the Board and its committees in exercising its licensing, regulatory, and disciplinary functions. Whenever the protection of the public is inconsistent with other interests sought to be promoted, the protection of the public shall be paramount (Business and Professions Code section 5510.15).

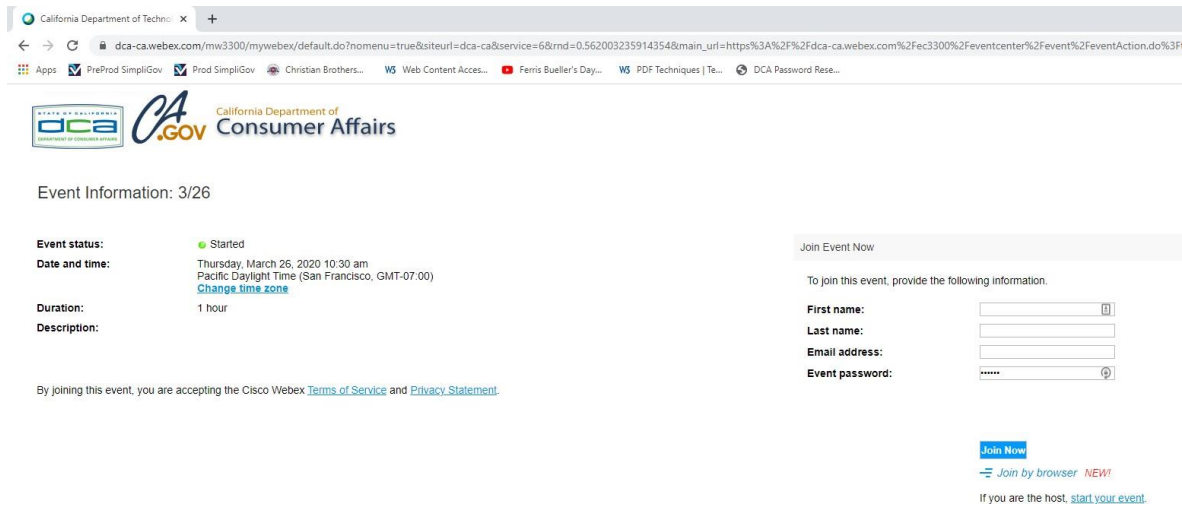
HOW TO – Join – DCA WebEx Event

The following contains instructions on how to join a WebEx event hosted by the Department of Consumer Affairs (DCA).

1. Navigate to the WebEx event link provided by the DCA entity (an example link is provided below for reference) via an internet browser.

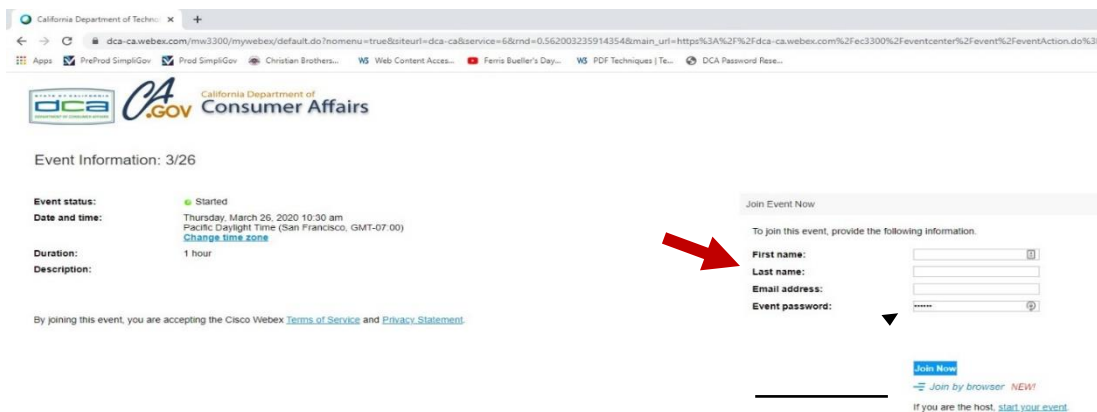
Example link:

<https://dca-ca.webex.com/dca-ca/onstage/g.php?MTID=eb0a73a251f0201d9d5ef3aaa9e978bb5>



2. The details of the event are presented on the left of the screen and the required information for you to complete is on the right.

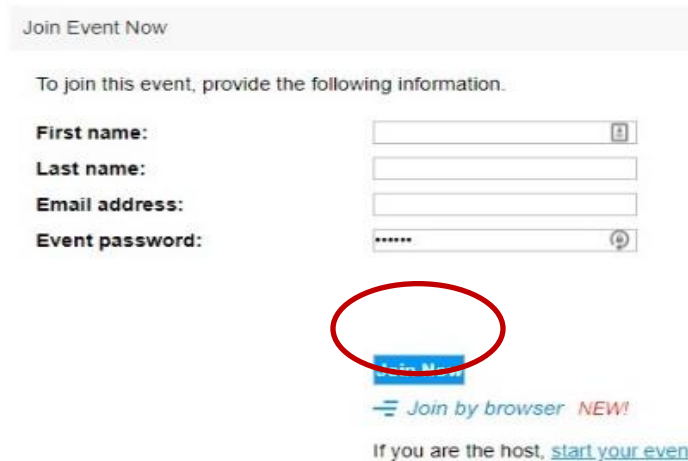
NOTE: If there is a potential that you will participate in this event during a Public Comment period, you must identify yourself in a manner that the event Host can then identify your line and unmute it so the event participants can hear your public comment. The 'First name', 'Last name' and 'Email address' fields do not need to reflect your identity. The department will use the name or moniker you provide here to identify your communication line should you participate during public comment.



HOW TO – Join – DCA WebEx Event

3. Click the 'Join Now' button.

NOTE: The event password will be entered automatically. If you alter the password by accident, close the browser and click the event link provided again.



Join Event Now

To join this event, provide the following information.

First name:

Last name:

Email address:

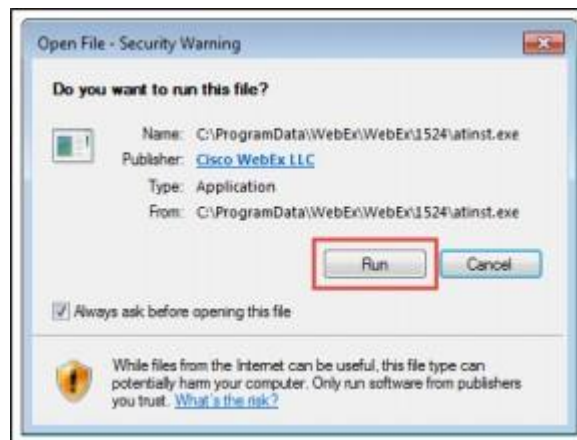
Event password:

Join Now

[Join by browser](#) **NEW!**

If you are the host, [start your event](#).

4. If you do not have the WebEx applet installed for your browser, a new window may open, so make sure your pop-up blocker is disabled. You may see a window asking you to open or run new software. Click 'Run'.



Depending on your computer's settings, you may be blocked from running the necessary software. If this is the case, click 'Cancel' and return to the browser tab that looks like the window below. You can bypass the above process.

HOW TO – Join – DCA WebEx Event

- To bypass step 4, click 'Run a temporary application'.

Starting Webex...



Still having trouble? [Run a temporary application](#) to join this meeting immediately.

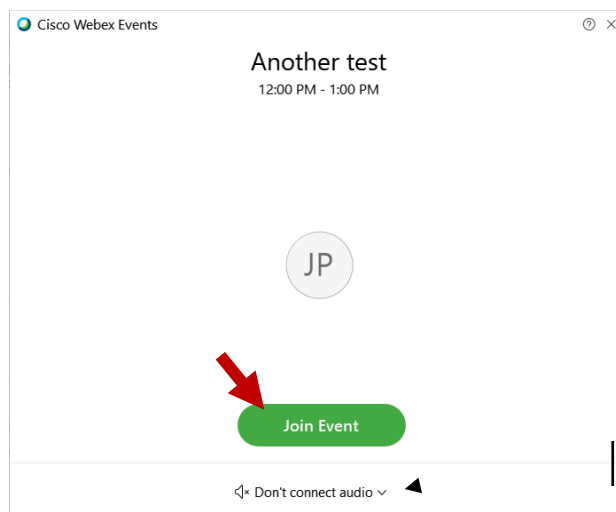
- A dialog box will appear at the bottom of the page, click 'Run'.



The temporary software will run, and the meeting window will open.

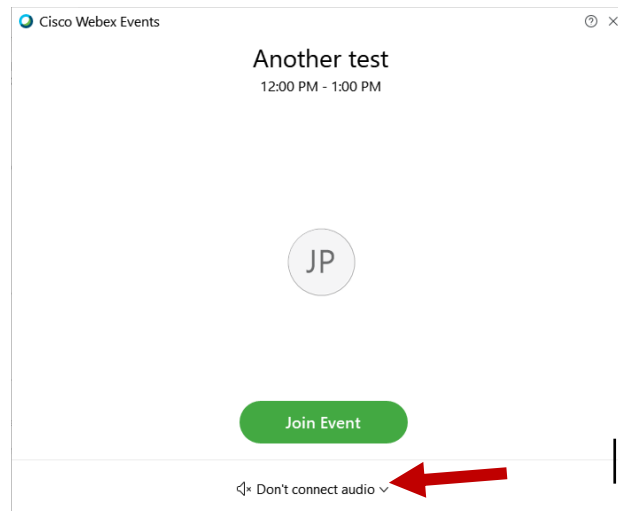
NOTE: The preferred audio connection to our event is via telephone conference or headset. Use of an open microphone and speakers through your computer could result in issue with audio clarity and potential feedback/echo.

- If using a headset plugged into your computer, click the 'Join Event' button.

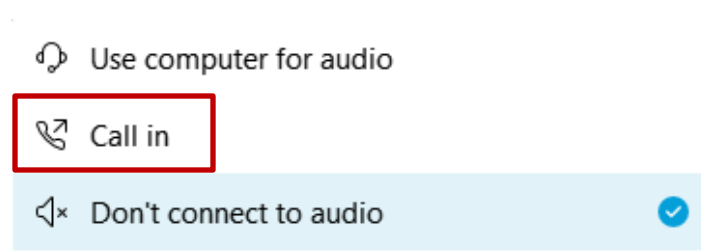


HOW TO – Join – DCA WebEx Event

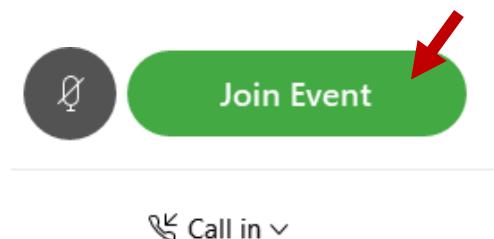
8. If using teleconference via your phone for audio, click the audio menu below the green 'Join Event' button.



9. When the audio menu appears click 'Call in'.

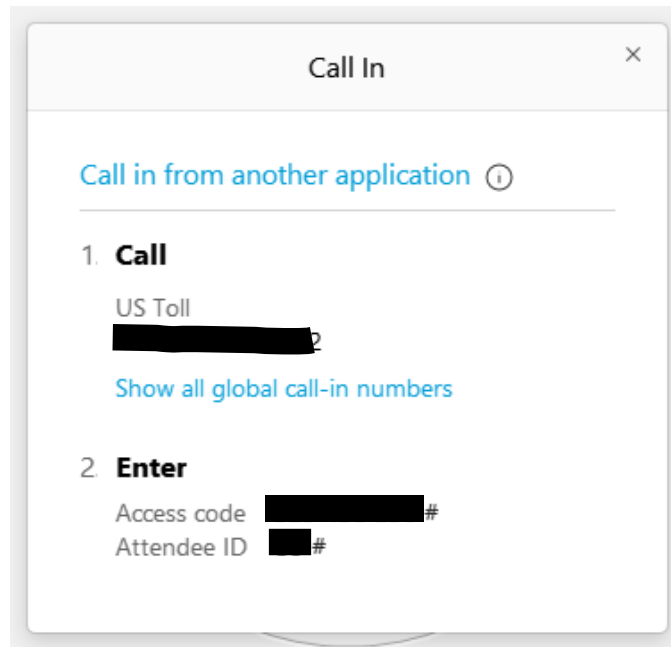


10. Click 'Join Event'. The audio conference call in information will be available after you join the Event.



HOW TO – Join – DCA WebEx Event

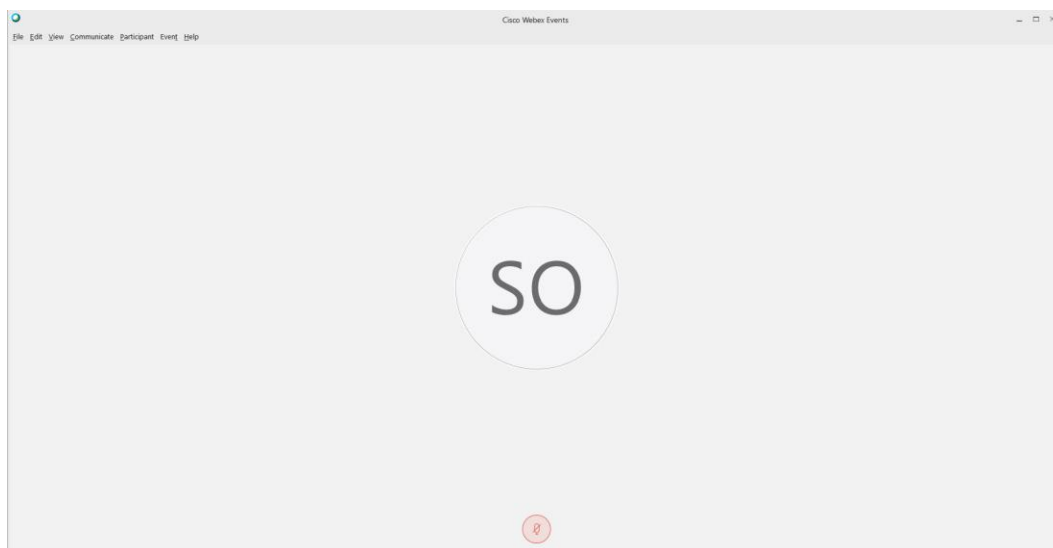
11. Call into the audio conference with the details provided.



NOTE: The audio conference is the preferred method. Using your computer's microphone and speakers is not recommended.

Once you successfully call into the audio conference with the information provided, your screen will look like the screen below and you have joined the event.

Congratulations!

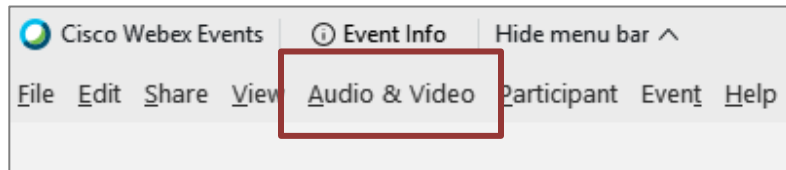


NOTE: Your audio line is muted and can only be unmuted by the event host.

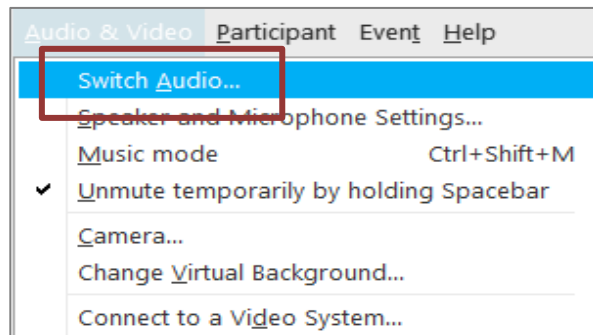
Selecting Audio Connection After Joining

If you join the meeting using your computer's microphone and audio, or you didn't connect audio at all, you can still set that up while you are in the meeting.

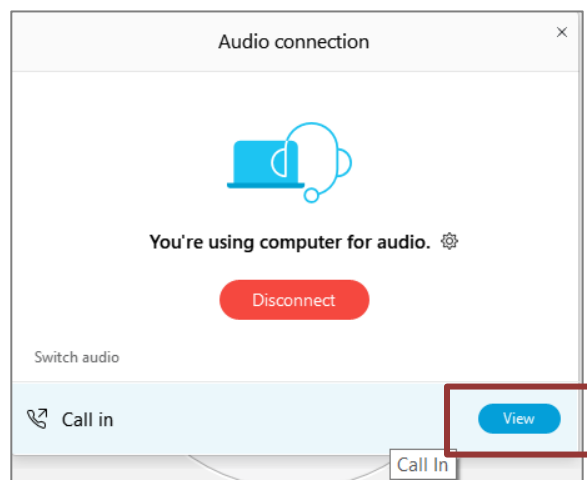
1. Select 'Audio & Video' from the menu bar at the top of your screen.



2. Select "Switch Audio" from the drop-down menu.



3. The 'Call In' information can be displayed by selecting 'View'



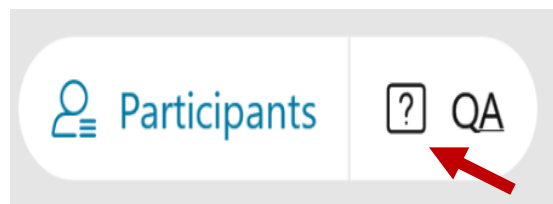
You will then be presented the dial in information for you to call in from any phone.

Participating During a Public Comment Period

At certain times during the event, the facilitator may call for public comment.

Using the Question & Answer feature (Q&A):

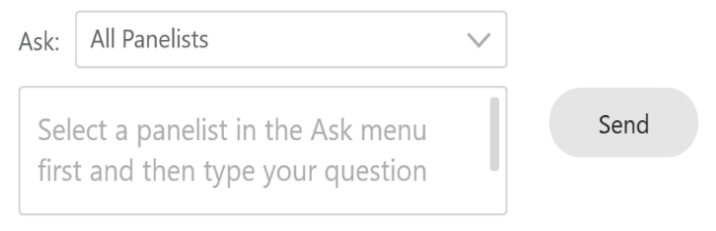
If you would like to make a public comment, click on the 'Q and A' button near the bottom, center of your WebEx session.



This will bring up the 'Q and A' chat box.

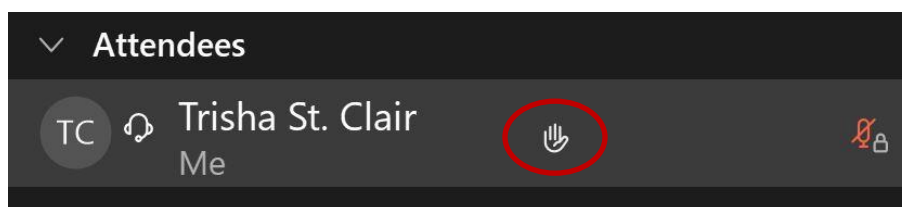
NOTE: The 'Q and A' button will only be available when the event host opens it during a public comment period.

Make sure the 'Ask' menu is set to 'All panelists' and type 'I would like to make a public comment'.



Using the hand raise feature:

If the program elects to allow use of the hand raise feature and you would like to make a public comment, click on the hand icon next to your name.

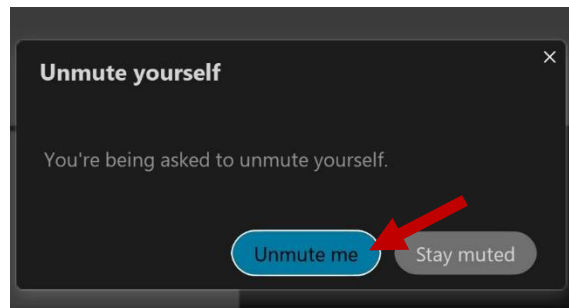


Please click on the hand icon again once your comment has been presented to lower your hand.

HOW TO – Join – DCA WebEx Event

Attendee lines will be unmuted in the order the requests were received, and you will be allowed to present public comment.

When you are identified as the next commenter, the moderator will unmute your line, sending you a request to unmute yourself. Clicking “unmute me” on the pop-up window will open your microphone. You may then begin providing your public comment.



NOTE: Your line will be muted at the end of the allotted public comment duration. You will be given a warning that your time is about to expire.

ITEM 1: CALL TO ORDER / ROLL CALL / ESTABLISHMENT OF A QUORUM

Roll will be called by Vice Chair, Malcolm Gladstone.

Three members of the Committee constitute a quorum for the transaction of business. The concurrence of three committee members in attendance during a duly held meeting at which a quorum is established shall be necessary to constitute an act or decision of the Committee.

Committee Members

Charles "Sonny" Ward, III, Chair
Malcolm Brett Gladstone, Vice Chair
Tian Feng
Eric Lum
Barry Williams

ITEM 4: REVIEW AND POSSIBLE ACTION ON JANUARY 25, 2022 MINUTES

Summary

The Committee is asked to review and take possible action on the minutes of the January 25, 2022 meeting.

Action Requested

Approval of the January 25, 2022 minutes.

Attachment(s)

January 25, 2022 Minutes (Draft)

MEETING MINUTES PROFESSIONAL QUALIFICATIONS COMMITTEE

January 25, 2022

Teleconference

A. CALL TO ORDER / ROLL CALL / ESTABLISHMENT OF A QUORUM

Chair Charles Ward called the meeting to order at 10:08 a.m. and called the roll. Three members of the Committee constitute a quorum; there being four members present at the time of roll, a quorum was established.

Board Members Present

Mitra Kanaani

Committee Members Present

Charles "Sonny" Ward, Chair
Malcolm (Brett) Gladstone, Vice Chair (joined meeting at 10:27am)
Tian Feng
Eric Lum
Barry Williams

Members of the Public Present

Rona Rothenberg, President, The American Institute of Architects, California (AIA CA)
Mark Christian, Director of Government Relations, AIA CA

Staff Present

Laura Zuniga, Executive Officer (EO)
Marccus Reinhardt, Examination and Licensing Manager
Darren Dumas, Senior Licensing Analyst
Jesse Bruinsma, Continuing Education Analyst (Co-Moderator)

B. CHAIR'S PROCEDURAL REMARKS AND COMMITTEE MEMBER INTRODUCTORY COMMENTS

Mr. Ward announced the meeting was being webcast pursuant to Governor Gavin Newsom's January 5, 2022 Executive Order N-1-22. He advised members of the teleconference voting requirements.

Mr. Ward asked to open public comments and no comments were received from the public on this item.

C. PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA

Mr. Ward asked to open public comments and no comments were received from the public on this item.

D. REVIEW AND POSSIBLE ACTION ON MARCH 26, 2021, MEETING MINUTES

Mr. Ward asked for public comments and no comments were received from the public on this item.

Mr. Ward asked for a motion to approve the March 26, 2021 minutes. Mr. Feng questioned whether there were enough current committee members present at the prior meeting to vote on a motion regarding the minutes. Ms. Zuniga advised that current members of the Committee could vote on the minutes if they have reviewed them and are comfortable with approving the minutes. Otherwise, she said they could abstain.

- Mr. Feng made the motion to approve the March 26, 2021 meeting minutes.

Mr. Ward seconded the motion.

Members Ward, Feng, Lum, and Williams voted in favor of the motion. Member Gladstone was absent for the vote.

The motion passed 4-0.

E. DISCUSS AND POSSIBLE ACTION ON 2022-2024 STRATEGIC PLAN OBJECTIVES

Mr. Ward presented the four objectives of the 2022-2024 Strategic Plan as listed in the agenda:

1. Amend existing regulations to revise and expand the types of degrees accepted for licensure to remove barriers to licensure.
2. Collaborate with legal to implement Assembly Bill (AB) 1010 in developing regulations and aligning committee findings to provide more consistency and make continuing education (CE) requirements more relevant to current licensing requirements.
3. Communicate with staff to include climate resiliency as a priority subject matter for the California Supplemental Exam (CSE) to protect consumers and licensees.
4. Communicate to the public what the professional qualifications committee has suggested to the Board to promote the work the committee has done.

Mr. Ward commenced the discussion addressing the objective related to work the committee has already done. He stated the objective involves a communication with the Board; he opined the objective was straight-forward. Mr. Ward then addressed the

objective related to removing barriers to licensure and said this is something the Board has been working on for some time as part of an ongoing conversation. Next, Mr. Ward focused on the objective related to including climate resiliency as a priority subject content on the California Supplemental Examination and said the Board has already communicated its intention to have this content added to the exam.

Mr. Ward then began the discussion on the objective related to the development of regulations for implementation of AB 1010. He read the bill to members and asked Ms. Zuniga whether he understood the timing of developing regulations in relation to the next renewal cycle that occurs in 2023. Ms. Zuniga explained that the AIA CA, who sponsored the bill, did not want to delay implementation of the new CE requirement because of the lengthy regulatory development process. She added that the AIA CA wanted to start the requirement with the next renewal cycle and have the Board afterwards further clarify the requirement in regulation. Mr. Ward asked whether the Board would have the qualifications established for courses and course providers by January 1, 2023. Ms. Zuniga responded that the regulation would not be in place by that date. She said the goal is to have the regulations in-place by July 1, 2024; however, Ms. Zuniga added that presently in best case scenarios regulatory packages are taking 18 to 24 months to complete the process.

Mr. Ward continued reading the bill to members and explained the Committee is charged with defining the parameters of Zero Net Carbon Design (ZNCD). Mr. Feng expressed his belief that it is important Board members and staff clearly understand the definition and scope of ZNCD in their application of the requirement. He said there is a need for detailed discussion and a consensus of the Committee, followed by a report to the Board.

Mr. Feng said the Committee worked on a more comprehensive CE requirement during the past three years and the findings were presented to the Board. He said the new members can review the findings of the Committee and asked the presentation from the Committee's March 26, 2021 meeting be played for their convenience. He added that the presentation explains how the Committee is considering expansion and enhancement of the current CE requirement.

Ms. Zuniga summarized that in the prior Strategic Plan the Committee had an objective to look at developing a more comprehensive CE framework for licensees. She said what the Committee adopted is in the presentation. However, Ms. Zuniga also said, the current Strategic Plan only has the objective of implementing AB 1010 with the ZNCD requirement. She added that where these two objectives overlap is because ZNCD is not defined in statute and Board has the ability to define it, taking into consideration the prior work the PQC did the last few years, to see if any of that can become part of the requirement.

Mr. Feng went through the list of CE Categories from the March 2021 presentation and highlighted the four Category Subject Matter Topics related to Climate Change. He asked the committee members how flexible or expansive they would like the definition of ZNCD to be, provided it fits within a semblance of their respective or even collective

vision. Ms. Zuniga said staff already began work on draft regulations to start the process and also said maybe it would be helpful to share the initial definition of ZNCD, as stated in the proposal, and get the Committee members' perspectives on whether it is an appropriate definition. She read the proposed definition for ZNCD as "architectural designs of new construction and existing facilities that produces onsite, or procures, enough carbon-free renewable energy to meet building operations energy consumption annually."

Mr. Ward commented that the draft definition for ZNCD seems to align with similar ones in the profession. He explained there are two facets of ZNCD: one that addresses construction; the other building life cycle. He expounded how each of the four Category Subject Matter Topics of "Category 2" aligned with the draft definition of ZNCD. Mr. Ward expressed his belief that the class qualifications this bill requires are quite broad and in-line with the conversations the Board has been having over the past several years. Mr. Lum asked why ZNCD was singled out for the five hours of CE instead of the other topics. Mr. Ward explained the genesis of the new ZNCD requirement and said that now after it has become law the Board is charged with ultimately defining ZNCD and implementing it. Mr. Lum commented how the topics have integration with each other and instead of ZNCD specifically, it could be a wider subject on the five hours of CE on sustainability in general, which could include ZNCD. Mr. Ward explained the four Category Subject Matter Topics covered, along with others, ultimately are what creates ZNCD and he supports a broader definition as well. He said that's what the larger Board wants to hear from the Committee. Mr. Feng explained to new members that the ZNCD CE was sponsored by AIA CA and the scope of the proposed expansion and enhancement of the CE requirement was driven by the Committee.

Mr. Christian (AIA CA) provided comment and stated that the explanation for how AB 1010 transpired is accurate. He said AIA had discussions with various committees and members of the Board regarding the expansion or alteration of the then-current content. He said the AIA CA Board of Directors wanted to focus on ZNCD, not because it was opposed to any of the Subject Matter Topics presented here, but because they felt that decarbonization of the built environment was a priority issue rising above the others. He said that was the opinion of his Board of Directors, so they focused on zero-net carbon. He further said they didn't want to confuse or jeopardize it by expanding it beyond the five hours of ZNCD, but they are open to discussing different content in the future that can be included in any mandatory CE requirement.

Ms. Kanaani said she agreed with the explanation and understands the need for ZNCD, but asked why AIA CA didn't consider giving it a broader name, such as Climate Action, and said she thinks it is inappropriate to disregard or undermine the importance of the other three category topics in order to bring them all under Climate Action. She further asked if this is going to affect the content of the Supplemental Exam for California (CSE) for next year. Mr. Ward answered, referring to the 2022-2024 Strategic Plan objectives, and said they Board is not allowed to request or require certain items be included on the Supplemental Exam, but they could communicate the importance in the profession of specific content and it should in the future be reflected in the exam. Ms. Zuniga confirmed this understanding for members. Mr. Ward further explained the four

Subject Matter Topics of Category 2 regarding climate change allow for these types of discussions to exist and he advocated using these topics as the starting point for the guardrails to be used in the determination of classes that fulfill the requirements of AB 1010.

Mr. Feng noted for members that Ms. Rothenberg, AIA CA President, was present and addressed both Ms. Rothenberg and Mr. Christian asking how flexible AIA CA would be in defining the scope of ZNCD. Mr. Christian affirmed for members that AIA CA is always open to having conversations on the requirements that impact the architecture profession or give it the opportunity to better protect the public health, safety, and welfare, such as through continuing education.

Ms. Zuniga noted there has been good commentary on the subject and suggested, as an action step for the next committee meeting, staff can take this into account and provide more specific questions for the Committee to consider at the next meeting; allowing for a more in-depth discussion about the requirements and how they will look. Mr. Ward agreed with her suggestion.

Mr. Ward asked whether there were any closing comments regarding ZNCD CE before adjournment. Mr. Lum asked whether because there are overlapping CE requirements, there is a way to combine them. Mr. Feng said this would be discussed at the next meeting.

F. ADJOURNMENT

The meeting adjourned at 10:56 a.m.

ITEM 5: DISCUSS AND POSSIBLE ACTION ON 2022-2024 STRATEGIC PLAN OBJECTIVE TO COLLABORATE WITH LEGAL TO IMPLEMENT ASSEMBLY BILL 1010 IN DEVELOPING REGULATIONS AND ALIGNING COMMITTEE FINDINGS TO PROVIDE MORE CONSISTENCY AND MAKE CONTINUING EDUCATION REQUIREMENTS MORE RELEVANT TO CURRENT LICENSING REQUIREMENTS

Summary

At the September 18, 2020 Board meeting, Bill Leddy, Chair for the Committee on the Environment and Vice President for Climate Action, AIA California (AIA CA), gave a [presentation](#) on AIA CA's proposal for continuing education (CE) in Zero Net Carbon Design (ZNCD). Mr. Leddy advised that AIA CA was pursuing legislation in 2021 to require architects to obtain five hours of CE in ZNCD condition of license renewal, beginning with the 2023 renewal cycle. Mr. Leddy's presentation provided background information on the topic and highlighted current efforts to decrease carbon dioxide emissions statewide including California code and grassroots efforts such as Building Electrification Action Plans and Architecture 2030's Zero Code for California. The Board discussed ZNCD CE and directed the matter to the Professional Qualifications Committee (PQC) for consideration.

At the October 30, 2020 PQC meeting, Mr. Leddy provided Committee members with a presentation regarding the AIA CA proposal for CE on ZNC design that was previously made to the Board at its September 18, 2020 meeting. Mr. Leddy highlighted for members the global scope and impact of climate change upon architectural design and the built environment. Mr. Leddy emphasized the urgency and importance of decarbonization in the architectural industry as not only critical for environmental improvement on state and national levels, but also as a model on an international level.

The Committee discussed the proposal in the context of its related strategic plan objective, and concurred with the urgency and importance of effective action made to reduce the climate impact. The consensus of members was to support the proposal as part of a broader approach to evolve the Board's CE requirements. The Committee voted to recommend the Board support the AIA CA proposal within the context of the strategic plan objective assigned to the Committee.

At the December 11, 2020 Board meeting, the Board voted to support AIA CA's commitment to establish a carbon emissions learning program as part of a CE requirement.

[BPC section 5600.05](#) (a)(2)(B) requires an architect to complete five hours of CE on ZNCD as a condition of their biennial license renewal. [Assembly Bill \(AB\) 1010 \(Berman, Chapter 176, Statutes of 2021\)](#) added BPC section 5600.05 (a)(2)(B) regarding the requirement for architects to complete five hours of coursework regarding ZNCD CE. The statute requires the Board to promulgate regulations to establish qualifications for courses and course providers by July 1, 2024.

Action Requested

To implement AB 1010, the PQC is asked to discuss the proposed regulatory text and to define requisite key terms concepts that will inform the development of regulatory text and therefore timely completion of the statutorily-required rulemaking process.

- 1) Discuss and define key terms and concepts focusing on:
 - a. zero net carbon design
 - b. carbon neutral/high performance architecture
 - c. providers' trainer and educator qualifications
 - d. example ZNCD CE course topics

Attachment(s)

1. CCR 166 Zero Net Carbon Design Discussion Document
2. Proposed 16 CCR 166 regulatory text



AGENDA ITEM 5 ATTACHMENT 1

CCR 166 ZERO NET CARBON DESIGN DISCUSSION DOCUMENT

This document provides a summary of key aspects of Assembly Bill (AB) 1010 to facilitate discussion that will inform the development of regulatory text and therefore timely completion of the statutorily-required rulemaking process.

- Objectives:** 1) Discuss and provide input on key terms and concepts focusing on:
- a. zero net carbon design
 - b. carbon neutral/high performance architecture
 - c. providers' trainer and educator qualifications
 - d. example ZNCD CE course topics

INTRODUCTION

AB 1010 Dates	<ul style="list-style-type: none"> Chaptered September 2021 January 1, 2023 ---Takes effect July 1, 2024---Regulations must be done
AB 1010 Key Requirements	<ul style="list-style-type: none"> Five hours of coursework on: <ul style="list-style-type: none"> ✓ zero net carbon design presented by: Trainers or Educators: <ul style="list-style-type: none"> ✓ with knowledge and expertise in zero net carbon design requirements Audit of Records <ul style="list-style-type: none"> ✓ Licensee keep records two years ✓ Board required audit of 3%

KEY TERMS AND CONCEPTS

Trainers and Educators	(a)(1) knowledge and expertise in zero net carbon design means a person with a minimum of five recent projects or three years of direct experience demonstratable in the designing and building of carbon neutral and/or high-performance architecture and who meets one of the three additional requirements of subsection (f)
Zero Net Carbon Design	(a)(2) architectural designs of new construction or the rehabilitation/reuse of an existing facility that produces on-site, or procures from offsite, enough carbon-free renewable energy to meet building operations energy consumption on an annual basis.
ZNCD CE Course Topic Examples	<p>(c) Topics and subject matter shall be pertinent to the profession of architecture and material must have a relevance or direct application to an aspect of a project's life-cycle where all greenhouse gas emission sources should total zero.</p> <p>(1) Examples of zero net carbon CE course topics for the practice of architecture include: highly insulated building envelope design, deep</p>

energy retrofits of existing structures, natural ventilation and daylighting, passive solar design, advanced energy efficiency strategies, renewable energy strategies, CALGreen standards, environmental resilience, sustainability, climate justice, electric lighting and daylight design, energy targets for new and renovated buildings, current energy standards in California, and/or other topics the Board determines to be relevant.

DISABILITY ACCESS AND ZNCD CE PROPOSED REGULATIONS ALIGNMENT

Format	<ul style="list-style-type: none"> ✓ regulation follows identical format ✓ Same terms wherever possible
Summative Assessment	<ul style="list-style-type: none"> ✓ Same passing score 80%
Audit requirement	<ul style="list-style-type: none"> ✓ Same audit requirement language
Provider Qualifications	<ul style="list-style-type: none"> ✓ Shared qualifications when feasible

DEPARTMENT OF CONSUMER AFFAIRS
TITLE 16. CALIFORNIA ARCHITECTS BOARD

PROPOSED REGULATORY LANGUAGE
Zero Net Carbon Continuing Education

Proposed amendments to the regulatory language are shown in single underline for new text and ~~single strikethrough~~ for deleted text.

Adopt Section 166 of Article 10 of Division 2 of Title 16 of the California Code of Regulations to read as follows:

Article 10. Continuing Education

§ 166. Continuing education coursework in zero net carbon design requirement.

(a) For purposes of this section, the following terms have the following meanings:

- (1) **“Trainers or educators with knowledge and expertise in zero net carbon design” means a person with a minimum of five recent projects or three years of direct experience demonstrable in the designing and building of carbon neutral and/or high-performance architecture and who meets one of the three additional requirements of subsection (f).**
- (2) **“Zero net carbon design requirement” means architectural designs of new construction and existing facilities that produces on-site, or procures, enough carbon-free renewable energy to meet building operations energy consumption annually.**

(b) For the purposes of section 5600.05 of the code, a licensee shall complete five hours of continuing education (CE) coursework on the subject of zero net carbon design that meets the criteria specified in this section during each two-year license renewal period prior to the license expiration date, or, if the license is delinquent, during the 24 months immediately preceding the date on which the licensee submits their delinquent renewal application. A licensee shall not have already used the CE coursework to satisfy the CE coursework requirements for a prior renewal period. CE coursework shall not qualify as credit towards fulfillment of the requirements of this section if the licensee, in contravention of section 5600.05(b) of the code, does not maintain, or cannot otherwise make available to the board, at the board’s request, either:

- (1) a certificate of completion described in subsection (h).

(2) records described in subsection (g), or

(3) other evidence that, in the board's determination, establishes that the licensee completed CE coursework that meets the criteria specified in this section.

(c) **Topics** and subject matter shall be pertinent to the profession of architecture and material must have a relevance or direct application to an aspect of a project's life-cycle where all greenhouse gas emission sources should total zero.

(1) **Examples of zero net carbon CE course topics** for the practice of architecture include: highly insulated building envelope design, deep energy retrofits of existing structures, natural ventilation and daylighting, passive solar design, advanced energy efficiency strategies, renewable energy strategies, CALGreen standards, environmental resilience, sustainability, climate justice, electric lighting and daylight design, energy targets for new and renovated buildings, current energy standards in California, and/or other topics the Board determines to be relevant.

(d) To satisfy the requirements of this section, CE coursework shall have clear and identifiable learning objectives, a systematic presentation of material, and be presented by trainers or educators who meet the qualifications in subsection (f).

(e) A provider shall only issue a certificate of completion to a participant upon the participant's passage of a summative assessment of the participant's understanding of the CE coursework. The assessment shall have a minimum cumulative passing score of at least eighty percent (80%).

(f) **A provider must use trainers or educators who have knowledge and expertise in zero net carbon design with a minimum of five recent projects or three years of direct experience demonstratable in the designing and building of carbon neutral and/or high-performance architecture and meet at least one of the following criteria:**

(1) **Hold a license or registration** issued by a United States jurisdiction as an architect or a professional, civil, or structural engineer with a minimum of 5 recent projects or three years of demonstrable direct experience in the designing and building of carbon neutral and/or high-performance architecture.

(2) **Have a faculty appointment** at an accredited educational institution, or one approved by the California Bureau of Private Postsecondary Education. Faculty must be directly involved in the teaching of carbon reduction, carbon neutral, and/or high performance or passive building topics.

(3) **Hold a certification from the International Code Council ("ICC") California Certification Program** as one of the following:

(A) CALGreen Inspector/Plans Examiner.

(C) California Commercial Building Inspector.

(D) California Building Plans Examiner.

(g) An architect shall not certify completion of the CE requirement of this section through self-teaching or self-directed activities. Teaching, instructing, or presenting a course on zero net carbon requirements shall not qualify as credit for fulfillment of the CE requirement of this section.

(h) A provider shall maintain for at least three years of records of participant attendance and course completion, including the information specified in section 5600.05(b) of the code.

(i) Within five business days of a participant completing the final cumulative assessment, a provider shall issue a certificate of completion to each participant who passes the assessment described in subsection (e). The certificate of completion shall include the information specified in section 5600.05(b) of the code.

(j) Upon request by a licensee who is the subject of a CE audit, a provider shall issue within five business days of the request a copy of the records specified in subsection (h). It shall be the responsibility of a licensee to obtain the records from providers if records are requested by the board and make those records available to the board.

(k) A licensee found noncompliant with the CE coursework requirement of subsection (b) is subject to an administrative citation. The licensee shall remedy any deficiency of the CE requirements of this section during the current renewal period, in addition to completing the CE coursework requirement required in this section for the current renewal period. Before the end of the current renewal period, the licensee shall provide to the board evidence, as described in subsection (h), that the deficiency of CE credits required by this section has been remedied. A licensee who fails to comply with this subsection may be subject to a further administrative citation or discipline.

Note: Authority cited: Sections 5526 and 5600.05, Business and Professions Code.

Reference: Sections 5578 and 5600.05, Business and Professions Code.

ITEM 6: DISCUSS AND POSSIBLE ACTION ON 2022-2024 STRATEGIC PLAN OBJECTIVE TO AMEND EXISTING REGULATIONS TO REVISE AND EXPAND THE TYPES OF DEGREES ACCEPTED FOR LICENSURE TO REMOVE BARRIERS TO LICENSURE

Summary

The Board's recently approved strategic plan assigns the Professional Qualifications Committee with an objective to 1) the amend existing regulations with the intent to revise and expand the degree types and academic majors acceptable for licensure and 2) remove unnecessary licensure barriers. The PQC previously explored and reviewed revisions to California Code of Regulations (CCR) section 117, Experience Evaluation, at its April 18, 2019 meeting. The Department of Consumer Affairs Legal Affairs Division subsequently completed an initial review of the proposed language being presented today for consideration.

The proposed language will:

- Allow increased training experience and expand opportunities for candidates without a professional degree in architecture
- Align training and educational experience earned with contemporary professional practices and trends
- Permit candidates to earn training experience from related professions prior to achieving Architect Registration Examination testing eligibility
- Update references to National Council of Architectural Registration Board's programs
- Remove obsolete and redundant language
- Simplify the Table of Equivalentents

Action Requested

The Committee is asked to discuss the objective and approve the proposed regulatory language.

Attachment(s)

1. Proposed 16 CCR 117 Regulatory Text (Reader Friendly Version)
2. Proposed 16 CCR 117 Regulatory Text (Existing Regulation as Amended)

CALIFORNIA ARCHITECTS BOARD
PROPOSED REGULATORY LANGUAGE

Article 3. Experience Evaluation

Changes to the original language are shown in single underline for new text and single ~~for deleted text.~~

Amend Section 117 as follows:

§ Section 117 Training and Educational Experience Evaluation

Evaluation of candidate training and educational experience for eligibility under Section 116 to take the Architect Registration Examination (ARE) and California Supplemental Examination (CSE) is based upon the Board's Experience Equivalent Table as listed below.

The Table is comprised of two columns: Column A lists the categories of training and educational experience for which the Board may grant training or educational credit; Column B specifies the maximum training or experience credit that may be granted to a candidate for a specified category of experience.

(a) Experience Credits:	
<i>Column A</i>	<i>Column B</i>
<i>Experience Description</i>	Maximum Credit Granted
(1) A professional degree in architecture from a program accredited by the National Architectural Accrediting Board (NAAB) or the Canadian Architectural Certification Board (CACB), or units toward such a degree.	5 years
(2) A professional degree in architecture from a program not accredited by NAAB or CACB that consists of at least a five-year curriculum, or units toward such a degree.	4 years
(3) A four-year degree in architecture or units toward such a degree.	3½ years

(4) A four-year degree from a university or college that has an NAAB-accredited or CACB-accredited professional degree program in architecture and the degree would be accepted for entry into a two-year NAAB-accredited or CACB-accredited Master of Architecture program, or units toward such a degree.	3½ years
(5) A four-year degree in a field related to architecture as defined in subsection (b)(5), or units toward such a degree.	2 years
(6) Any other university or college degree which consists of at least a four-year curriculum.	1 year
(7) Any other city/community college degree which consists of at least a two-year curriculum.	6 months
(8) Any other city/community college degree or technical school certificate in a field related to architecture.	1 year
(9) A postprofessional degree in architecture or with an emphasis on architecture consisting of a Master, Master of Science, or Ph.D. degree, or units toward such a degree.	1 year
(10) Training experience under the direct supervision of an architect(s) licensed or registered in a United States jurisdiction shall be granted 100% credit.	8 years
(11) Certification by the National Council of Architectural Registration Boards (NCARB) upon receipt of the candidate's current and valid NCARB Certificate, transmitted by NCARB to the Board.	8 years

(12) Completion of an NCARB administered architectural experience program or the Intern Architect Program (IAP) of Canada shall be granted a minimum of three years training experience credit, upon receipt of the candidate's current and valid NCARB Record file or IAP documentation respectively transmitted to the Board by NCARB or a Canadian provincial architectural association.	8 years
(13) Experience as, or obtained under the direct supervision of, a civil or structural engineer or a landscape architect licensed or registered in a United States jurisdiction shall be granted 50% credit.	2 years
(14) Experience as, or obtained under the direct supervision of, a California licensed general building contractor shall be granted 50% credit.	1 year
(15) Experience as, or obtained under the direct supervision of, a California certified building official as defined in subsection (c)(6) shall be granted 50% credit.	1 year
(16) Experience as a licensed or registered architect practicing in another United States jurisdiction with a verified record of substantial architectural practice shall be granted 100% credit.	8 years
(17) Teaching or research in NAAB-accredited or CACB-accredited architectural curriculums shall be granted 100% credit only for those hours worked if verified by the college or university.	1 year
(18) Experience under the direct supervision of an architect licensed in a foreign country where the experience occurred shall be granted 50% credit.	7 years
(19) Experience as a foreign licensed architect licensed in a foreign country with a verified record of substantial architectural practice shall be granted 50% credit.	7 years

(b) Educational Credits:

“Education credit” shall mean Table categories (a)(1) through (a)(9).

(1) A “professional degree program” shall be defined as one of the following types of programs:

(A) Bachelor of Architecture, five-year program;

(B) Bachelor of Architecture for individuals with a prior degree;

(C) Master of Architecture, four-year undergraduate program in architecture plus a two-year graduate program in architecture;

(D) Master of Architecture, four-year undergraduate program in another discipline plus a three-year graduate program in architecture.

(2) Where a candidate is seeking education credits for having obtained a professional degree or units towards such a degree from an NAAB-accredited or CACB-accredited program, they shall be eligible for such credit if such program is or was accredited by NAAB or CACB either at the time of graduation or within two years after the date of graduation or termination of enrollment.

(3) Credit allowed for units obtained without a degree shall only be computed within the categories of subsection (a)(1) through (5) or (9) of this section. No credit for units obtained under subsection (a)(6) through (8) shall be recognized unless such units have been transferred to and accepted by a school within subsection (a)(1) through (5) of this section.

(4) Academic units based on the categories specified in subsection (a)(1) through (5) or (9) of this section shall be evaluated up to the maximum allowed for that subsection. Where a candidate has not obtained a degree, the maximum credit allowed shall be six months less than the maximum credit indicated for that category. Fractions greater than one-half of an academic year shall be counted as one-half of a year and smaller fractions will not be counted. 30 semester units or 45 quarter units equals one academic year.

(5) Degrees in a field related to architecture, such as Architectural Design; Architectural Engineering; Architectural Studies; Architectural Technology; Building Science; City and Regional Planning; Civil, Mechanical, Structural, or Electrical Engineering; Construction Engineering; Construction Management; Environmental Design; Interior Architecture; Landscape Architecture; and Urban and Regional Design, shall be evaluated under subsection (a)(5).

(6) A candidate who possesses a degree and possesses units from more than one college or university shall have the degree evaluated first prior to evaluating additional education credits.

(7) A candidate with multiple degrees shall not be able to accumulate credit for more than one degree unless they have received one professional

degree in architecture and one post professional degree in architecture or with an emphasis on architecture as specified in subsection (a)(9). Otherwise, the degree that receives the most credit as determined by subsection (a) shall take priority over any other degree.

(8) Degrees from a foreign college or university shall be granted credit, as determined by the applicable category contained in subsection (a)(1) through (8). A transcript(s) certified by the college or university must be evaluated by NAAB or an educational evaluation service, approved by the National Association of Credential Evaluation Services, Inc. (NACES) equating the degree toward a comparable United States degree. Any cost of evaluation shall be the responsibility of the candidate. Professional degrees accredited by CACB shall be accepted by the Board and shall not require such an evaluation .

(9) Units from a foreign college or university shall be granted credit, as provided for in the applicable category contained in subsection (a)(1) through (5) upon submission of a transcript(s) certified by the college or university. These certified documents must be evaluated by NAAB or an NACES educational evaluation service equating the units toward a comparable United States degree. Any cost of evaluation shall be the responsibility of the candidate. Professional degrees accredited by CACB shall be accepted by the Board and shall not require such an evaluation .

(10) Educational credit shall only be granted for degrees or units earned at a postsecondary institution accredited by a regional accrediting organization recognized by the United States Department of Education.

(c) Training Credits:

“Training credits” shall mean Table categories (a)(10) through (a)(19).

(1) Candidates shall be at least 18 years of age or be the equivalent to a high school graduate before they shall be eligible to receive training experience credit.

(2) Except as provided below, work experience shall be granted training experience credit only when:

(A) The supervising professional is licensed or registered in a United States jurisdiction or a Canadian province and the training experience is obtained, or the project is located in a United States jurisdiction or Canadian province, or

(B) The supervising professional is licensed or registered in a qualifying foreign country where the work experience is obtained, or project is located.

Training credit shall be granted for work experience obtained under the authority of or on the property of the United States Federal Government when the work experience is obtained as or under the direct supervision of a licensed or registered professional as defined in subsection (a)(10), (13), and (16).

The term "qualifying foreign country" shall mean a foreign country whose standards and qualifications for issuing a license or registration to practice architecture are equivalent to those required in this state.

(3) Employment shall be considered on the basis of a calendar month of 40-hour work weeks. Credit may be given for overtime.

(4) Every candidate shall earn at least one year of training credit for experience as or under the direct supervision of an architect(s) licensed or registered in a United States jurisdiction granted at 100% credit or at least two years of experience under the direct supervision of an architect(s) registered in a Canadian province granted at 50% credit.

(5) Experience under the direct supervision of a "qualifying individual" or "qualifier" operating under a corporate contractor license and verified by same shall be acceptable training experience under subsection (a)(14).

(6) For the purpose of this section, a California certified building official shall be as defined by Section 18949.27 of the Health and Safety Code as an individual who is certified in accordance with or otherwise exempt from Chapter 7, Part 2.5 of Division 13 (commencing with Health and Safety Code Section 18949.25).

(7) The entry point for AXP shall be as defined in NCARB's *Architectural Experience Program Guidelines*, as referenced in section 109(b)(1).

(d) Practice Credits:

"Practice credits" shall mean Table categories (a)(10) through (a)(19).

A candidate verifying their experience as an architect, civil or structural engineer, California general building contractor, landscape architect, or California certified building official shall only receive training credit for experience accumulated on or after the date of their initial registration, licensure, or certification in that profession by a licensing authority of a political jurisdiction. The candidate shall submit each of the following:

(A) Completed Employment Verification Form, as referenced in section 109, subsection (b)(2);

(B) Proof of licensure, registration, or certification; and

(C) Upon request by the Board, a list of projects for the period covered that shall include:

- (i) The name and address for each client;
- (ii) Type of projects;
- (iii) Construction costs;
- (iv) Date each project was started and completed; and
- (v) A summary of the services provided by the candidate.

Note: Authority cited: Sections 5526, 5550 and 5552, Business and Professions Code. Reference: Sections 5550 and 5552, Business and Professions Code.

CALIFORNIA ARCHITECTS BOARD
PROPOSED REGULATORY LANGUAGE

Article 3. Experience Evaluation

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Amend Section 117 as follows:

§ Section 117 Training and Educational Experience Evaluation

The Board's ~~evaluation~~ Evaluation of candidates' training and educational experience ~~for eligibility under Section 116 to take the Architect Registration Examination (ARE) and California Supplemental Examination (CSE) is based upon the Board's Experience Equivalents Table of Equivalents as listed below.~~

The Table is comprised of ~~four~~ two columns:; Column A lists the ~~types~~ categories of training and educational experience for which the Board may grant training or educational credit may be granted; Columns B and C ~~specify~~ specifies the maximum training or experience credit that may be granted to a candidate for a specified category of experience who was determined by the Board to be eligible for the Architect Registration Examination (ARE), the California Supplemental Examination, or licensure prior to January 1, 2005 and who is active in the examination process or to a candidate who is otherwise exempt from the IDP/IAP requirement specified in Section 116(b). Column D specifies the maximum credit that may be granted to a new or inactive candidate who was determined by the Board to be eligible for the ARE on or after January 1, 2005 and who is subject to the IDP/IAP requirement.

	TABLE OF EQUIVALENTS		
(a) Experience Equivalents Credits:			
<i>Column A</i>	<i>Column B</i>	<i>Column C</i>	<i>Column D</i>

<u>Experience Description</u>	<i>Candidates Eligible Prior to January 1, 2005 or Otherwise Exempt from IDP/IAP Requirement</i>	<i>Candidates Eligible Prior to January 1, 2005 or Otherwise Exempt from IDP/IAP Requirement</i>	<i>Candidates Eligible January 1, 2005 or After and Subject to IDP/IAP Requirement</i>
<u>Experience Description</u>	<i>Education Equivalents Max. Credit Allowed</i>	<i>Training and/or Practice Equivalents Max. Credit Allowed</i>	<i>Maximum Credit Allowed Granted</i>
(1) A professional degree in architecture, where the degree from a program has been accredited by the National Architectural Accrediting Board (NAAB) or the Canadian Architectural Certification Board (CACB), or units toward such a degree.			5 years
(2) A professional degree in architecture, where the degree from a program has not been accredited by NAAB or CACB and the program that consists of at least a five-year curriculum, or units toward such a degree.			4 years
(3) A four-year degree in architecture Baccalaureus Atrium (BA), Atrium Baccalaureus (AB), Bachelor of Science (BS), or units toward such a degree.	5 years		3½ 1/2-years

(4) A <u>four-year</u> degree from a school/ <u>university or college</u> which that has an NAAB-accredited or CACB-accredited professional degree program in architecture, where and the degree could would be accepted for entry into a two-year NAAB-accredited or CACB-accredited Master of Architecture program, or units toward such a degree.	4 years		3½ 1/2 -years
(5) A <u>four-year</u> degree which consists of at least a four-year curriculum in a field related to architecture as defined in subsection (b) (65), or units toward such a degree.	3 1/2 years		2 years
(6) Any other university or college degree which consists of at least a four-year curriculum.	3 1/2 years		1 year
(7) (A) Any other city/community college degree which consists of at least a two-year curriculum.	2 years		6 months
(8) (B) Any other city/community college degree or technical school certificate in a field related to architecture.	1 year		1 year
(9) A <u>postprofessional degree in architecture or with an emphasis on architecture consisting of a Master, Master of Science, or Ph.D. degree,</u> or units toward such a degree.	6 months		1 year
(8) <u>10</u> <u>Training Experience</u> experience under the direct supervision of an architect(s) licensed <u>or registered</u> in a United States jurisdiction shall be granted 100% credit.	1 year		58 years

(9) Certification by the National Council of Architectural Registration Boards (NCARB) shall be granted a maximum of eight years credit upon receipt in of the Board office of the candidate's current and valid NCARB blue cover file Certificate, transmitted by NCARB to the Board.			8 years
(10) While a candidate is enrolled in a college or university, credit shall be granted:	5 years	3 years	
(A) 100% for experience obtained under the direct supervision of architect(s) licensed in the U.S.	5 years	3 years	1 year
(B) 50% for experience as, or experience obtained under the direct supervision of, a registered civil or structural engineer and/or a licensed landscape architect licensed in a United States jurisdiction.			1 year
(C) 50% for experience as, or experience obtained under the direct supervision of, a California licensed general building contractor.	1 year	or 1 year	1 year
(D) 50% for experience as, or experience obtained under the direct supervision of, a California certified building official as defined in subsection (c)(7).		1 year	1 year
(E) 50% for experience as, or experience obtained under the direct supervision of, a foreign licensed architect licensed in the qualifying foreign country where the experience occurred.		1 year	1 year

<p>(1112) Completion of an NCARB administered the Intern Development architectural experience Program program (IDP) of the National Council of Architectural Registration Boards or the Intern Architect Program (IAP) of Canada shall be granted a minimum of three years training experience credit, upon receipt in the Board office of the candidate's current and valid NCARB Record IDP file transmitted by NCARB or IAP documentation respectively transmitted to the Board by NCARB or a Canadian provincial architectural association, respectively.</p>		<p>1 year</p>	<p>58 years</p>
<p>(1213) (A) Experience as, or experience obtained under the direct supervision of, a registered civil or structural engineer, and/or a licensed landscape architect licensed <u>or registered</u> in a United States jurisdiction shall be granted 50% credit.</p>		<p>1 year</p>	<p>2 years</p>
<p>(B) 14 Experience as, or experience obtained under the direct supervision of, a California licensed general building contractor shall be granted 50% credit.</p>	<p>2 years</p>	<p>3 years</p>	<p>1 year</p>
<p>(C)15 Experience as, or experience obtained under the direct supervision of, a California certified building official as defined in subsection (c)(76) shall be granted 50% credit.</p>		<p>2 years</p>	<p>1 year</p>

(13 16) Experience as a licensed or registered architect practicing in another United States jurisdiction with a verified record of substantial architectural practice shall be granted 100% credit.		1 year	8 years
(14)(A) A post professional degree in architecture or with an emphasis on architecture consisting of a Master, Master of Science, or Ph.D. degree, or units toward such a degree, or		1 year	1 year
(B 17) Teaching and/or research in NAAB-accredited or CACB-accredited architectural curriculums shall be granted 100% credit only for those hours worked if verified by the college or university.		8 years	1 year
(15 18) (A) Experience under the direct supervision of an architect licensed in the qualifying foreign country where the experience occurred shall be granted 50% credit.		1 year	57 years
(B 19) Experience as a foreign licensed architect licensed in the qualifying foreign country with a verified record of substantial architectural practice shall be granted 50% credit.		1 year	57 years

(b) Educational Equivalents Credits:

“Education equivalents credit” shall mean Table categories (a)(1) through (a)(9), (a)(10)(A), (a)(11), (a)(13), and (a)(15)(A) and (B).

(1) For the purposes of this section, NAAB shall refer to the National Architectural Accrediting Board, and CACB shall refer to the Canadian

~~Architectural Certification Board.~~(21) A "professional degree program" shall be defined as one of the following types of programs:

- ~~1.~~(A) Bachelor of Architecture, five-year program;
- ~~2.~~(B) Bachelor of Architecture for individuals with a prior degree;
- ~~3.~~(C) Master of Architecture, four-year undergraduate program in architecture plus a two-year graduate program in architecture;
- ~~4.~~(D) Master of Architecture, four-year undergraduate program in another discipline plus a three-year graduate program in architecture.

(32) Where a candidate is seeking education ~~equivalents~~ credits for having obtained a professional degree or units towards such a degree from an NAAB-accredited or CACB-accredited program, ~~he or she~~ they shall be eligible for such credit if such program is or was accredited by NAAB or CACB either at the time of graduation or within two years after the date of graduation or termination of enrollment.

(43) Credit allowed for units obtained without a degree shall only be computed within the categories of subsections (a)(1) through (5) or ~~(a)(14)(A)~~ of this section. No credit for units obtained under subsections (a)(6) ~~or through (7)~~ shall be recognized unless such units have been transferred to and accepted by a school within subsections (a)(1) through (5) of this section.

(54) Academic units based on the categories specified in subsections (a)(1) through (5) or ~~(a)(14)(A)~~ of this section shall be evaluated up to the maximum allowed for that subsection. Where a candidate has not obtained a degree, the maximum credit allowed ~~for the categories contained in subsections (a)(1) through (5) or (a)(14)(A)~~ shall be six months less than the maximum credit ~~that would have been granted if the candidate had obtained a degree in~~ indicated for that category. Fractions greater than one-half of an academic year shall be counted as one-half of a year and smaller fractions will not be counted. 30 semester units or 45 quarter units is ~~considered to be~~ equal one academic year.

(65) Degrees in a field related to architecture, such as Architectural Design; Architectural Engineering; Architectural Studies; Architectural Technology; Building Science; City and Regional Planning; Civil, Mechanical, Structural, or Electrical Engineering; Construction Engineering; Construction Management; Environmental Design; Interior Architecture; Landscape Architecture; and Urban and Regional Design, shall be evaluated under subsection (a)(5) ~~and defined as the following: Architectural Design; Architectural Engineering; Architectural Studies; Architectural Technology; Building Science; City and Regional Planning; Civil, Mechanical, Structural, or Electrical Engineering;~~

Construction Engineering; Construction Management; Environmental Design; Interior Architecture; Landscape Architecture; and Urban and Regional Design.

~~(7) (A) Experience obtained as, or experience obtained under the direct supervision of, a licensed professional as defined in subsections (a)(8), (a)(12), and (a)(15)(A) or (B) while a candidate is enrolled in a college or university shall be allowed maximum credit for educational/training equivalents of 1 year as defined in subsections (a)(10)(A) through (E). A candidate who obtains experience under the direct supervision of a licensed professional as defined in subsections (a)(8), (a)(12), and (a)(15)(A) or (B) while enrolled in a college or university shall have his/her education and/or experience evaluated according to the method which provides the candidate the most credit.~~

~~(B) A candidate enrolled in a degree program where credit earned is based on work experience courses (i.e., internship or co-op programs) shall not receive more than the maximum credit allowed for degrees earned under subsections (a)(1) through (7).~~

~~(C) A candidate who is certified as having completed the requirements of IDP, as referenced in section 109(b)(2), based upon receipt in the Board office of the candidate's current and valid NCARB IDP file transmitted by NCARB, is exempt from the provisions of subsection (b)(7)(B) relating to maximum credit allowed for degrees where credit is earned based on work experience courses.~~ (86) A candidate who possesses a degree and possesses units from more than one college or university shall have the degree evaluated first prior to evaluating additional education credits.

~~(97) A candidate with multiple degrees shall not be able to accumulate credit for more than one degree unless he or she has they have received one professional degree in architecture and one post professional degree in architecture or with an emphasis on architecture as specified in subsection (a)(149)(A). Otherwise, the degree that receives the most credit as determined by subsection (a) shall take priority over any other degree.~~

~~(10) A candidate who possesses a professional degree and also possesses a post professional degree in architecture or with an emphasis on architecture as specified in subsection (a)(14)(A) shall be granted one additional year credit for the post professional degree.~~ (118) Degrees from a foreign college or university shall be granted credit, as determined by the applicable category contained in subsections (a)(1) through (78). A transcript(s) certified by the college or university must be evaluated by NAAB or an educational evaluation service, approved by the National Association of Credential Evaluation Services, Inc. (NACES) equating the degree toward a comparable U.S. United States degree. Any cost of evaluation shall be the responsibility of

the candidate. Professional degrees accredited by CACB shall be accepted by the Board and shall not ~~require such an evaluation be required to be evaluated by NAAB or an NACES education evaluation service equating the degree toward a comparable U.S. degree.~~

~~(129)~~ Units from a foreign college or university shall be granted credit, as provided for in the applicable category contained in subsections (a)(1) through (5) upon submission of a transcript(s) certified by the college or university. These certified documents must be evaluated by NAAB or an NACES educational evaluation service equating the units toward a comparable ~~U.S.~~United States degree. Any cost of evaluation shall be the responsibility of the candidate. Professional degrees accredited by CACB shall be accepted by the Board and shall not ~~require such an evaluation be required to be evaluated by NAAB or an NACES education evaluation service equating the degree toward a comparable U.S. degree.~~

(10) Educational credit shall only be granted for degrees or units earned at a postsecondary institution accredited by a regional accrediting organization recognized by the United States Department of Education.

(c) Training ~~Equivalents~~Credits:

"~~Training equivalents~~credits" shall mean Table categories (a)(~~8~~10) through (a)(~~15~~19).

(1) Candidates shall be at least 18 years of age or be the equivalent to a high school graduate before they shall be eligible to receive training ~~experience credit for work experience.~~

(2) Except as provided below, work experience shall be granted training experience credit only when:

(A) The supervising professional is licensed or registered in a United States jurisdiction or a Canadian province and the ~~work training~~ experience is obtained, or the project is located in a United States jurisdiction or Canadian province, or

(B) The supervising professional is licensed or registered in a qualifying foreign country where the work experience is obtained, or project is located.

Training credit shall be granted for work experience obtained under the authority of or on the property of the United States Federal Government when the work experience is obtained as or under the direct supervision of a licensed or registered professional as defined in subsections (a)(~~8~~10), ~~(a)(1213)(A)~~, and ~~(a)(131616)~~.

The term "qualifying foreign country" shall mean a foreign country whose standards and qualifications for issuing a license or registration to practice architecture are equivalent to those required in this state.

(3) Employment shall be considered on the basis of a calendar month of 40-hour work weeks. Credit may be given for overtime.

(4) Every candidate shall earn at least one year of training credit for experience as or under the direct supervision of an architect(s) licensed or registered in a United States jurisdiction granted at 100% credit or at least two years of experience under the direct supervision of an architect(s) registered in a Canadian province granted at 50% credit.

~~(5) Any combination of credit received under subsections (a)(10)(B) and (a)(12)(A) shall not exceed the two years maximum credit allowed for experience as, or experience obtained under the direct supervision of, a registered civil or structural engineer and/or a licensed landscape architect licensed in a United States jurisdiction. Any combination of credit received under subsections (a)(10)(C) and (a)(12)(B) shall not exceed the one year maximum credit allowed for experience as, or experience obtained under the direct supervision of, a California licensed general building contractor. Any combination of credit received under subsections (a)(10)(D) and (a)(12)(C) shall not exceed the one year maximum credit allowed for experience as, or experience obtained under the direct supervision of, a California certified building official. Any combination of credit received under subsections (a)(10)(E) and (a)(15)(A) or (B) shall not exceed the maximum credit allowed for experience as, or experience obtained under the direct supervision of, a foreign licensed architect licensed in the qualifying foreign country where the experience occurred. A candidate cannot exceed two years maximum credit in any combination under subsections (a)(10)(B) through (D) and (a)(12)(A) through (C).~~ (65) Experience under the direct supervision of a "responsible managing officer/qualifying individual" or "qualifier" operating under a corporate contractor license and verified by same shall qualify as acceptable training experience under subsection (a)(12)(B) and shall be verified by the responsible managing officer of that corporation.

(76) For the purpose of this section, a California certified building official shall be as defined by Section 18949.27 of the Health and Safety Code as an individual who is certified in accordance with or otherwise exempt from Chapter 7, Part 2.5 of Division 13 (commencing with Health and Safety Code Section 18949.25).

(87) The entry point for IDPAXP shall be as defined in NCARB's *Intern Development Architectural Experience Program Guidelines*, as referenced in section 109(b)(21).

(d) Practice Equivalents Credits:

“Practice equivalents credits” shall mean Table categories (a)(810) through (a)(1519).

~~(1) Practice credits for experience as a licensed architect, registered civil and/or structural engineer, California licensed general building contractor, licensed landscape architect, or certified California building official may be accumulated only after initial registration, licensure or certification by a licensing authority of a political jurisdiction.~~ (28) A candidate verifying his or her their experience as an licensed architect, registered civil and/or structural engineer, California licensed general building contractor, licensed landscape architect, or certified California certified building official shall only receive training credit for experience accumulated on or after the date of their initial registration, licensure, or certification in that profession by a licensing authority of a political jurisdiction. The candidate shall submit each of the following:

~~(A) complete an~~ Completed Employment Verification Form, as referenced in section 109, subsection (b)(2). ~~(19C 12)(3/2006)~~ available from the Board on his or her own behalf;

~~(B) submit~~ Proof of licensure, registration, or certification; and

~~(C) attach~~ Upon request by the Board, a list of projects for the time-period covered. ~~The list~~ that shall include:

~~(i) The names and addresses of the~~ for each clients;

~~(ii) Type of projects;~~

~~(iii) Construction costs;~~

~~(iv) Date each project was started and completed;~~ date of completion, and

~~(v) A~~ A summary of the services provided by the candidate.

(e) Miscellaneous Information:

~~(1) Independent, non-licensed practice or experience, regardless of claimed coordination or liaison with licensed professionals, shall not be granted credit.~~

~~(2) Training experience under subsections (a)(10)(B) through (D), (a)(12), or (a)(14) can only be accumulated after the candidate has obtained credit for at least the five years of educational equivalents as evaluated by the Board. Candidates who are certified as having completed the requirements of IDP as referenced in section 109(b)(2), based upon receipt in the Board~~

~~office of the candidate's current and valid NCARB IDP file transmitted by NCARB, or IAP, as referenced in section 109(b)(2), based upon receipt in the Board office of documentation transmitted by a Canadian provincial architectural association, are exempt from this requirement for their IDP/IAP training units.~~

Note: Authority cited: Sections 5526, 5550 and 5552, Business and Professions Code. Reference: Sections 5550 and 5552, Business and Professions Code.