Contract Instructor Teaching Opportunities 2019-2020

Azrieli School of Architecture and Urbanism at Carleton University

Pursuant to Article 16 of the CUPE 4600 Unit 2 Collective Agreement, applications are invited from members of the CUPE 4600-2 bargaining unit and other interested persons to teach the following Architecture courses during the 2019-20 Fall/Winter terms. Remuneration will be based on the CUPE 4600-2 bargaining unit’s collective agreement.

Required Qualifications

All candidates must have a professional degree in Architecture unless otherwise specified in the experience requirements listed below. Preference will be given to candidates with a professional license and professional experience or a Ph.D. in the subject area of the course. Candidates must also have excellent communication and presentation skills. Teaching experience at the university level and in the course subject areas is an asset. All candidates will work closely with the Associate Director and Director as well as the Coordinator or Chair of the relevant programs or studios to ensure that their course material meets the University Calendar regulations, the pedagogical objectives of the School and the specific Canadian Architectural Certification Board Student Performance Criteria (CACB – SPC) for their specific course. Please visit the CACB website to review these criteria at www.cacb-ccca.ca.

Applications will be accepted until midnight on May 31st. Please indicate each course for which you would like to be considered.

Applications must include all of the following:

- Covering letter, and
- Curriculum vitae, and
- Carleton University Contract Instructor Application Form including educational background, employment history, and related experience. This form can be found at http://carleton.ca/npsia/wp-content/uploads/Sessional-App.pdf

All successful applicants should familiarize themselves with the Educational Development Centre (EDC) Teaching Resources page. EDC will offer orientation for any new contract instructor prior to the start of the term. The course covers rules and regulations of the University, online tools and other critical information necessary for course development, delivery and examinations as well as student communication protocol.

Please note:

- Assignment of courses to regular faculty members have not yet been finalized and hence the list of teaching assignments and postings are subject to change
- Some courses may be taught by employees who have the right to automatic reappointment as per the CUPE 4600-2 Collective Agreement, Articles 16.3 and 16.4.
- All positions are subject to budgetary approval.

Carleton University is strongly committed to foster social and cultural diversity within its community. We welcome those who would contribute to the further diversification of our University including but not
limited to women, persons with disabilities, visible minorities, Aboriginal peoples, and persons of any sexual orientation or gender identity.

All applications should be sent electronically as a PDF to the attention of:
Professor Jill Stoner, Director
Azrieli School of Architecture & Urbanism:
c/o Claire Ryan, School Administrator at: Claire.Ryan@carleton.ca

Courses

Note: Winter Term Offerings are listed below Fall Term Offerings – please scroll down.

FALL TERM 2019 (September to December 2019)

ARCC 2203 / 5098
Course Title: Architectural Technology 3/ Building Technology 3
Semester Offered: Fall 2019

Calendar Description: Wood frame, post and beam, steel and concrete systems and construction techniques. Structural systems and building envelope principles and practice are explored in conjunction with mechanical and electrical systems in smaller buildings. Emphasis on precedent, tradition and methodology of architectural detailing for construction.

Course Format: Lectures three hours a week.

CACB SPC: B4, B6, B8, B9, B10, B11, C1

Specific Experience Required: A minimum of 5 years architectural experience working with Canadian climate building technologies, integrated building systems and Canadian Building Code in small and large-scale projects. This course is taught to students in various degrees including architecture, engineering and conservation & sustainability and the course must be coordinated to be inclusive of all disciplines.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Third Year Studio Coordinator, the M.Arch (13 credit Chair) and the Chair of the Conservation & Sustainability program. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.
ARCC 3202 / 5099
Course Title: Architectural Technology 4/ Building Technology 4
Semester Offered: Fall 2019

Calendar Description: Medium-scale steel and concrete structured buildings as case studies to explore approaches to site resources, building envelope, daylighting design, water supply, HVAC, electric lighting, room and environmental acoustics, fire protection, with focus on sustainable design strategies.

Course Format: Lectures three hours a week.

CACB SPC: A9, B4, B6, B8, B11, C1, C3

Specific Experience Required: A minimum of 10 years architectural experience working with Canadian climate building technologies, integrated building systems and Canadian Building Codes in small and large scale projects. Specific experience in building envelope design and analysis is an asset. Expertise in areas listed in the calendar description is required.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Fourth Year Studio Coordinator and the Associate Director - Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing or printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCC 5401
Course Title: Workshop: Technical Studies in Heritage Conservation
Semester Offered: Fall 2019

Course Format: Lectures six hours a week.

Specific Experience Required: A minimum of 5 years’ experience working in architectural education, a PhD in Architecture with developed expertise in the area of Heritage Conservation.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Coordinator of the Conservation & Sustainability Major and the Coordinator of the Graduate Diploma in Architectural Conservation. All deadlines or tests must be entered on the Architecture online deadline calendar and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.
ARCC 5500
Course Title: *Advanced Design Economics*
Semester Offered: Fall 2019

**Calendar Description:** Principles of building economics. Determinants and prediction of building costs. Uncertainty and investment economics. Creative cost control for buildings during schematic design, design development, construction document preparation and construction. Economic evaluation during all phases of design process; emphasis on sustainable strategies.

**Course Format:** Lectures three hours a week.

**CACB SPC:** A1, A2, A4, A5, B2, B12, D1, D5

**Specific Experience Required:** A minimum of 5 years architectural experience working in firms with an expertise in the areas listed in the course description including the development of comprehensive proformas.

**Coordination:** Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the M.Arch (13 credit) Chair and the Associate Director - Graduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the *Technical Services Request form* be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

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ARCH 4200
Course Title: *Conservation Philosophy and Ethics*
Semester Offered: Fall 2019

**Calendar Description:** Analysis of philosophical theories and related approaches to the material transformation of buildings. Micro-histories in architectural conservation theory and practice; overview of historical and contemporary concepts in architectural conservation. Preservation, restoration, rehabilitation, reconstruction, adaptive re-use, conservation anamnesis, diagnosis

**Course Format:** Lectures three hours a week.

**CACB SPC:** A1, A4, A6, A7, A8, A9, B11, D2

**Specific Experience Required:** A minimum of 5 years experience working in the field of architectural conservation or a PhD in Architecture with developed expertise in the areas listed in the calendar description.
Coordination: Before the semester begins, the scope of the content, schedule and assignments of this
course must be coordinated with the Coordinator of the Conservation & Sustainability Major and the
Coordinator of the Graduate Diploma in Architectural Conservation. All deadlines or tests must be entered
on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant
coordinators. In addition, this course requires that the Technical Services Request form be completed
should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time
requested must be approved by the relevant technicians and may require alteration based on overall
demand.

ARCN 2106
Course Title: Introduction to Multimedia
Semester Offered: Fall 2019

Calendar Description: Analogue and digital systems and graphic processes used in the making of
images. Fundamentals of still photography and videography combined with current computer
technologies in the application of visual communication techniques.

Course Format: Lectures three hours a week, laboratory three hours a week.

CACB SPC: A3

Specific Experience Required: Normally candidates will have a Professional Degree in Architecture but
candidates with a degree in relevant allied arts will also be considered. All candidates must have a
minimum of 5 years’ experience working with Adobe Photoshop, Adobe Premiere, rectified photography,
still photography, video editing and the craft of the image. This course is taught to a large cohort of first
year architecture students. Candidates must have teaching experience at the post-secondary level.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this
course must be coordinated with the First Year studio coordinator and the instructor of the first year
Drawing course. All deadlines or tests must be entered on the Architecture online deadline calendar and
verified as approved by the relevant coordinators. In addition, this course requires that the Technical
Services Request form be completed should any use of the workshops, CNC, laser cutter or computing
and printing services be required. Time requested must be approved by the relevant technicians and
may require alteration based on overall demand.

ARCN 5005
Course Title: Theory and Practice of Architectural Representation
Semester Offered: Fall 2019

Calendar Description: Free-hand drawing as a way of observing and understanding the world. Various media and techniques introduced through a wide range of studio and outdoor exercises. (Theory/History Elective).

Course Format: Lectures three hours a week.
CACB SPC: A1, A3, A9

Specific Experience Required: Normally candidates will have a Professional Degree in Architecture but candidates with a degree in relevant allied arts will also be considered. All candidates must have a minimum of 5 years’ experience working with Adobe Photoshop, Adobe Premiere, rectified photography, still photography, video editing and the craft of the image. This course is taught to students in the first year of the three-year Master of Architecture program. Candidates must have teaching experience at the post-secondary level.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the studio coordinator for this cohort. All deadlines or tests must be entered on the Architecture online deadline calendar and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCS 2105
Course Title: Studio 2 [1 or 2 Positions]
Semester Offered: Fall 2019

Calendar Description: Development of cultural imagination within the field of architecture. Inhabitation and spatial definition are explored through analysis and design of small-scale environments. Representational skills developed, including the conventions of architectural drawing and modeling.

CACB SPC: A1, A2, A3, A5, A7, A8, A9, B1, B3, B5, B7

Specific Experience Required: A minimum of 3 years architectural experience working in architectural firms. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Second Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.
ARCS 3105
Course Title: Studio 4 [1 or 2 Positions]
Semester Offered: Fall 2019

Calendar Description: Sensory components of architecture: their use, effect, and symbolic potential. Light and lighting, sound, the sensation of heat and cold, and related phenomena studied in modest building proposals. Social considerations of architecture. The conventions of architectural drawing. (Core Course).

CACB SPC: A1, A2, A3, A4, A6, A7, A8, A9, B1, B2, B3, B5, B7, B9, B11, C1, C4

Specific Experience Required: A minimum of 5 years architectural experience working in architectural firms. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Third Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCS 4105
Course Title: Studio 6 [3 or 4 Positions]
Semester Offered: Fall 2019

Calendar Description: Issues of program and site as the culturally defining aspects of architectural practice within complex urban and social situations, using difficult sites and hybrid programs. Projects brought to a high degree of formal and graphic resolution. (Core Course).

CACB SPC: A1, A2, A3, A5, A7, A9, B1, B2, B5, B6, B7, B8, B9, B10, B11, B12, C1, C2, C3, C4

Specific Experience Required: A minimum of 5 years architectural experience working in architectural firms. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Fourth Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.
ARCC 3202 / 5099
Course Title: Architectural Technology 4/ Building Technology 4
Semester Offered: Winter 2020

Calendar Description: Medium-scale steel and concrete structured buildings as case studies to explore approaches to site resources, building envelope, daylighting design, water supply, HVAC, electric lighting, room and environmental acoustics, fire protection, with focus on sustainable design strategies.
Course Format: Lectures three hours a week.

CACB SPC: A9, B4, B6, B8, B9, B11, C1, C3

Specific Experience Required: Specific Experience Required: A minimum of 10 years architectural experience working with Canadian climate building technologies, integrated building systems and Canadian Building Codes in small and large scale projects. Specific experience in building envelope design and analysis is an asset. Expertise in areas listed in the calendar description is required.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Third Year Studio Coordinator and the Associated Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing or printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCC 4207 / ARCC 4900 / ARCN 5100
Course title: Advanced Building Assessment
Semester Offered: Winter 2020

Calendar Description: An in-depth study of the conventions and history of heritage recording including traditional field survey, photogrammetry, laser scanning technologies, and hybrid representations.

Course Format: Workshop, six hours a week, including field trips and on-site work.

CACB SPC: A3, C3
Specific Experience Required: A minimum of 5 years' experience working in the field of architectural conservation or a PhD in architecture with developed expertise in the areas listed in the calendar description.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Coordinator of the Conservation & Sustainability Major and the Coordinator of the Graduate Diploma in Architectural Conservation. All deadlines or tests must be entered on the Architecture online deadline calendar and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCC 4500
Course Title: Design Economics
Semester Offered: Winter 2020

Calendar Description: Principles of building economics. Determinants and prediction of building costs. Uncertainty and investment economics. Creative cost control for buildings during schematic design, design development, construction document preparation and construction. Economic evaluation during all phases of design process; emphasis on sustainable strategies.

Course Format: Lectures three hours a week.

CACB SPC: A1, A2, A4, A5, B2, B12, D1, D5

Specific Experience Required: A minimum of 5 years architectural experience working in firms with an expertise in the areas listed in the course description including the development of comprehensive proformas.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Fourth Year Studio Coordinator, the M.Arch (13 credit) Chair and the Associate Director - Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCS 2106
Course Title: Studio 3 [1 or 2 Positions]
Semester Offered: Winter 2020
Calendar Description: Small-scale building projects explore architectural design as a form of cultural expression. Consideration of site, program, and the materials of building as the means for shaping architecture.

CACB SPC: A1, A2, A3, A5, A9, B1, B2, B3, B5, B7

Specific Experience Required: minimum of 5 years architectural experience working in the architectural profession with expertise in the areas listed in the calendar description. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Second Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCS 3107
Course Title: Studio 5 [1 or 2 Positions]
Semester Offered: Winter 2020

Calendar Description: Building materials and practices within the context of increasingly complex building programs. Social context of architecture in relation to material expression. Modeling is stressed.

Course Format: Twelve hours studio plus one hour lecture per week.

CACB SPC: A2, A3, A9, B1, B3, B7, B8, B11

Specific Experience Required: minimum of 7 years architectural experience working in the architectural profession with expertise in the areas listed in the calendar description. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Third Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.
ARCS 4107
Course Title: Studio 7 [1 or 2 Positions]
Semester Offered: Winter 2020

Calendar Description: The role of architecture in culture, with emphasis on site and program with respect to their historic, social, and ecological implications. Synthesis of issues, methods and techniques of the undergraduate studio program.

CACB SPC: A1, A2, A3, A4, A5, A9, B1, B3

Specific Experience Required: minimum of 5 years architectural experience working in the architectural profession with expertise in the areas listed in the calendar description. Teaching experience is an asset. All candidates should have a professional degree in architecture.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Fourth Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

ARCU 3304
Course Title: Urbanism Studio 2: Urbanism on the Periphery
Semester Offered: Winter 2020

Calendar Description: Urbanization, sprawl, growth models, land consumption, containment strategies (smart growth, greenbelts, growth boundaries), edge cities, the Just City, Ecological Urbanism, and informal suburbanization in developed and developing countries. Through design, students explore the impact of practices, pressures, processes and cultural preferences on the expanding city.

Course Format: Lecture and workshop eight hours per week.

CACB SPC: A1, A2, A3, A4, A5, A6, A7, A8, A9, B1, B2, B3, B4, B5, C1, C3

Specific Experience Required: minimum of 3 years architectural experience working in the profession of Architecture or Urbanism, with expertise in the areas listed in the calendar description. Teaching experience is an asset. All candidates should have a professional degree in architecture or urban design.

Coordination: Before the semester begins, the scope of the content, schedule and assignments of this course must be coordinated with the Third Year studio coordinator and the Associate Director – Undergraduate. All deadlines or tests must be entered on the Architecture online deadline calendar (Team-Up) and verified as approved by the relevant coordinators. In addition, this course requires that
the Technical Services Request form be completed should any use of the workshops, CNC, laser cutter or computing and printing services be required. Time requested must be approved by the relevant technicians and may require alteration based on overall demand.

End of offerings.