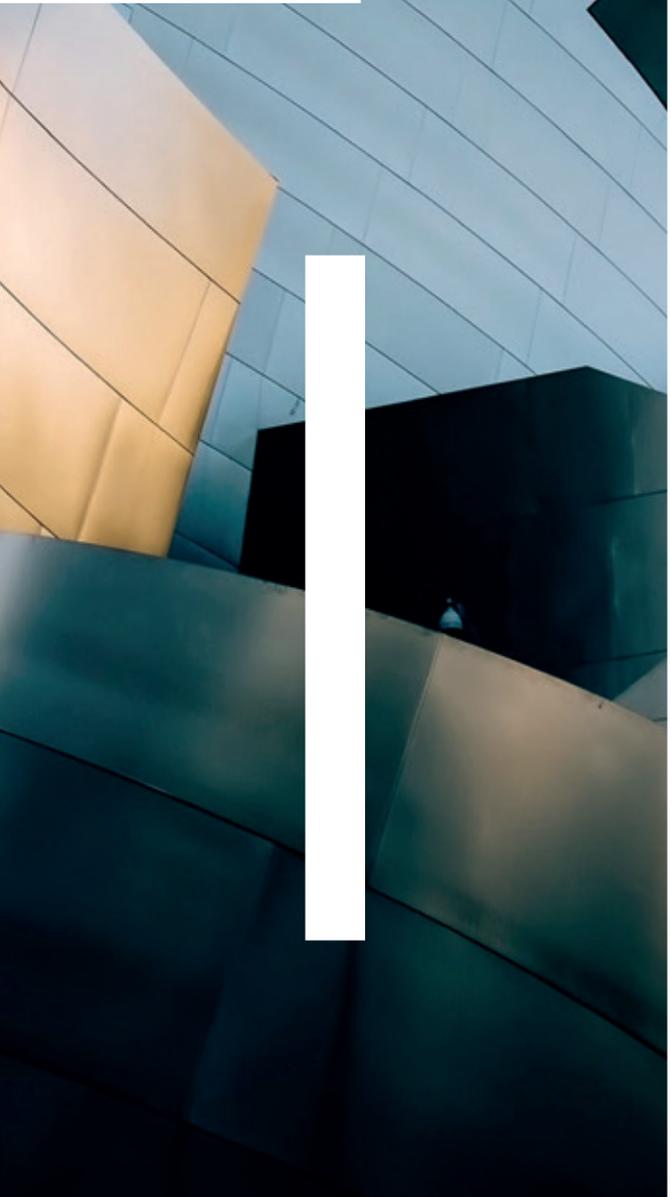


Architectural Technology

The Profession





Architectural Technology

A global discipline

Architectural Technology professionals are innovators creating and adapting environments for future generations to live, work and play.



Heydar Aliyev Cultural Centre, Zaha Hadid Architects

The discipline

Architectural Technology is the technology of architecture; a creative, innovative design discipline rooted in science and engineering.

As a design function, it relates to the anatomy and physiology of buildings and their production, performance and processes. This is based upon the knowledge and application of science, engineering and technology, which are compliant with regulatory, statutory and legal requirements.

Architectural Technology achieves efficient and effective construction and robust sustainable design solutions that perform and endure over time.

Chartered Architectural Technologists, MCIAT

Chartered Architectural Technologists, MCIAT are qualified to offer design services and manage projects from inception to completion. They lead the technological design of a project; forming the link between concept, innovation and realisation. They:

- specialise in design, underpinned by building science, engineering and technology applied to architecture within projects, playing a pivotal role in project and design management;
- hold a valued, respected and regulated professional qualification and protected designation, which is transferable and recognised across borders and can only be awarded by the Chartered Institute of Architectural Technologists, whilst abiding by a set of professional ethics in the Institute's *Code of Conduct*;
- apply their skills within innovation, research, academia, manufacturing and processing industries, housing, health and government agencies;
- work collaboratively with other professionals such as architects and engineers and are recognised on a par with all Chartered professionals in the built environment sector; and
- design and manage all project types large and small from residential to commercial, industrial and public projects; they range from being sole practitioners to working in and running multinational and multidisciplinary practices.



Case study: Neil Kee MCIAT

Vice-President of Design, Dubai Airports.

Neil Kee is a Chartered Architectural Technologist and works as Vice-President of Design at Dubai Airports, the World's largest airport.



Terminal 4, Changi Airport, Benoy



Neil has been a member of CIAT for over 15 years and attained his Chartered Architectural Technologist status whilst working in Hong Kong. His career and experience has broadened due to a wish to travel and work within different cultures across all stages of design and delivery. Throughout his career he has sought out the most exciting and challenging projects to elevate his abilities within the Architectural Technology profession.



Neil Kee MCIAT

His day-to-day activities in the Dubai Airport design studio range from leading the design and experience vision to managing his team and delivering a large portfolio of projects. He is a firm believer that the end quality of a design or building is always set from the very first moment an idea is conceived. Therefore, he ensures his team gain the experience and skills necessary to deliver any project from start to finish.

This working ethos can be seen in some of Neil's award winning projects; Highcross Leicester, Mall of Scandinavia, Ferrari World Abu Dhabi and more recently the new Changi Terminal 4 project in Singapore.



Chartered Institute of Architectural Technologists

Setting the standard

A global membership organisation that:

- leads and promotes the discipline of Architectural Technology;
- sets and maintains the standards of education through Accreditation of qualifications at Honours and Masters degree level;
- sets and maintains the standards of practise through professional qualifications, the Code of Conduct and continuing professional development;
- collaborates with similar bodies to improve knowledge, skills and professionalism within the built environment (see back cover); and
- recognises excellence in Architectural Technology through its AT Awards.

Formal recognition:

- Royal Charter bestowed by UK Government's Privy Council;
- protected descriptor 'Chartered Architectural Technologist';
- Competent Authority for Chartered Architectural Technologists in the EU;
- principal member of the Association of European Experts in Buildings and Construction (AEEBC);
- licensed to offer the Chartered Environmentalist qualification to suitably experienced Chartered Architectural Technologists, on behalf of the Society for the Environment;
- member of the International Ethics Standards Coalition;
- full member of UK's Construction Industry Council; and
- member of the UK Green Building Council (UKGBC);
- recognised CIAT-Accredited Conservationist scheme by UK grant funding bodies for building conservation and heritage projects.





Chartered Architectural Technologists, MCIAT

Recognition and reputation

- Recognised as a regulated profession by the EU Commission.
- Recognised in UK Government's Standard Occupational Classifications document alongside architects and surveyors.
- Recognised by UK funding agencies and Council of Mortgage Lenders to monitor building work and provide the lender's Professional Consultant's Certificate.
- Recognised by the UK public sector on an equivalent basis as other Chartered professionals.
- Participate in UK Government's Building Regulation Advisory Committee and other influential committees and groups in the UK and other nations.
- CIAT-Accredited Conservationists, who must also be Chartered Architectural Technologists, are recognised by UK grant funding bodies as the project lead on building conservation and heritage projects.
- Awarded direct access to the Construction Skills Certification Scheme in the UK.



Attaining Chartered Architectural Technologist, MCIAT status

A framework for success

You can become a Chartered Architectural Technologist by completing CIAT's qualifying process, the MCIAT Professional Assessment, which is measured against the Institute's *Professional Standards Framework*.

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The *Professional Standards Framework* illustrates the standards for education, practice and professionalism that applicants must satisfy to achieve Chartered Membership and to use the protected title of Chartered Architectural Technologist.

In order to successfully pass the Professional Assessment, applicants must:

- hold an Accredited Honours degree or equivalent;
- undergo an assessment of monitored work experience; and
- be successful at the Professional Interview.

CIAT's educational standards have been developed in conjunction with the UK's Quality Assurance Agency for Honours and Masters degree level qualifications in Architectural Technology. Such programmes are designed and delivered by educational establishments and are Accredited by CIAT internationally.

The practice standards are measured through an evaluation of an applicant's knowledge, experience, skills and professionalism.

The Professional Interview process is designed to reflect the broad range of professional practice within Architectural Technology. The interview determines an applicant's ability to engage, communicate and interact in a professional, ethical and knowledgeable manner.

All Chartered Members must be aware of their professional limitations and obligations relating to the *Code of Conduct* and must maintain currency of their qualification through Continuing Professional Development (CPD).

Other grades of membership are available to those studying and working in the discipline.

The Institute runs a Group Membership Scheme (GMS) that offers support and assistance for large organisations.

Please visit ciat.org.uk for further information.





Architectural Technology Awards

Outstanding achievements

The Institute's annual AT Awards are regarded as the premier accolades for outstanding achievement in the discipline nationally and internationally. They recognise excellence in practice, academia and research.

The Awards are an essential benchmark for the critical role of Architectural Technology in contributing to building sustainable futures with functioning and inspiring spaces.

For full details, please visit:
ciat.org.uk/awards.html



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Collaborations

Umbrella Bodies



Centres of Excellence



Business



Professional Institutes

