

# Council on Training in Architectural Conservation

## Next Steps for COTAC: *Ingval Maxwell OBE DADun FRIBA FRIAS FSAScot*





COTAC is a UK Registered Charity No 1162750. Its charitable purposes are to:

- Set, maintain and promote standards for conservation education and training
- Develop, produce and promote education and training materials
- Collaborate with other organisations, voluntary bodies and agencies with interests in conservation with a view to influencing and promoting relevant issues
- Maintain and develop the council's digital resources to ensure their relevance for the sector and the public
- Promote courses at all levels in conservation of the historic environment which are relevant and in accordance with recognised criteria
- Publish relevant material
- Arrange seminars, conferences and participate in exhibitions relating to relevant heritage issues



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Regret that, due to Brexit, the UK is denied continuing collaborative EU research working

With additional pressures emerging from climate change concerns, the need to:

- Continue to target Politicians to become more aware of built heritage values
- Understand and fully appreciate the existing building stock and its details
- Map out and develop greater cooperation across the education and training worlds
- Create and promote career paths with explicit progression routes for students
- Communicate through lay, school, vocational, professional and client exchanges
- Disseminate relevant knowledge within a recognised multi-disciplinary matrix of need
- Recognise where gaps exist, and map these against current progress/pressures
- Uphold and promote recognisable terminology and accepted standards
- Look to the Past to learn Lessons for the Future

*How can COTAC help?*

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The diagram illustrates the structure of the Repair and Maintenance Construction Industry Cluster, organized into several interconnected boxes:

- Repair and Maintenance Construction Industry Cluster** (Top Level)
  - Intention** (Left)
    - Preservation
    - Alteration
    - Renovation
    - Restoration
    - Routine activity
- Core Activities** (Middle Level)
  - Levels of Intervention** (Top)
    - Conservation
    - Restoration
    - Rehabilitation
    - Repair
    - Maintenance
  - Skill needs** (Middle)
    - Experienced Specialist requirements
    - New build interface
    - Multi-skilled applications
  - Requirement** (Bottom)
    - Unit survival
    - Unit conformity
    - Retrofit
    - Unit replacement
    - Unit retention
  - Result** (Bottom)
    - Acknowledged original value
    - Reversal of changes
    - Reconstruction
    - Response to specific event
    - Operational good order
- Skill and Materials Supply base** (Bottom Level)
  - Specialist labour**
    - Traditional materials
    - Research support
  - Skill Labour**
    - Traditional materials
    - Academic support
  - Labour**
    - Traditional materials
    - New materials
  - Labour**
    - Matching replacement units and elements (DIY supplies)
  - Inspection checks and servicing**
    - Housekeeping
    - Systematic care (DIY supplies)
- Future considerations** (Bottom Level)
  - Need to recreate the traditional material supply chain:** e.g. State/stone/limb/hatch/timber
  - Need to recreate manufactured unit replacements:** e.g. Gas/rare windows/fittings/furniture

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[illegible]

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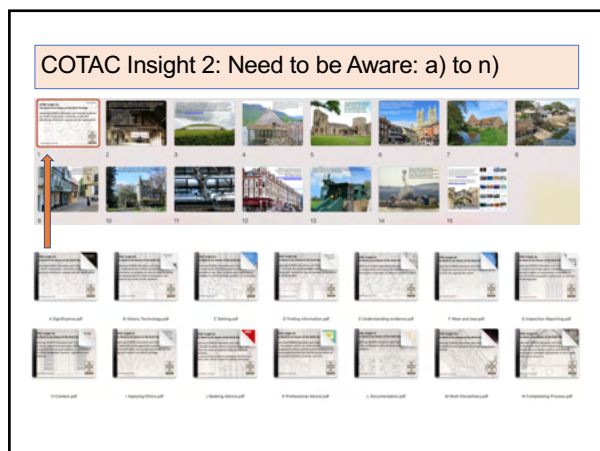
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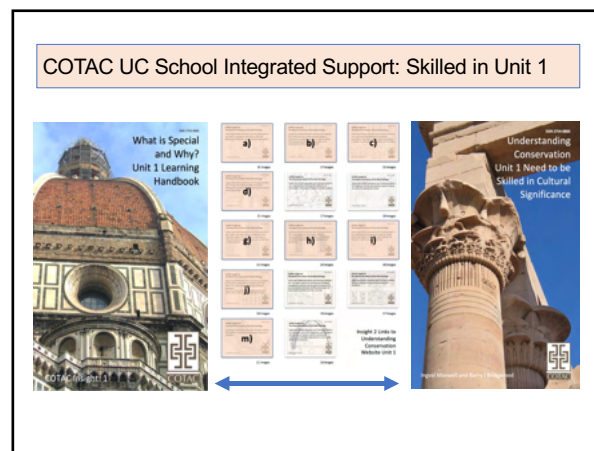
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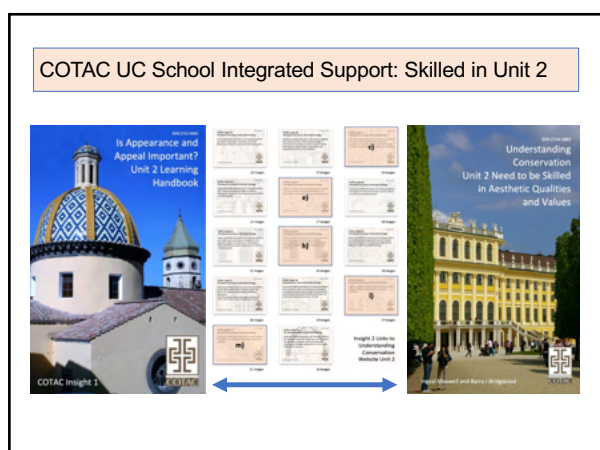




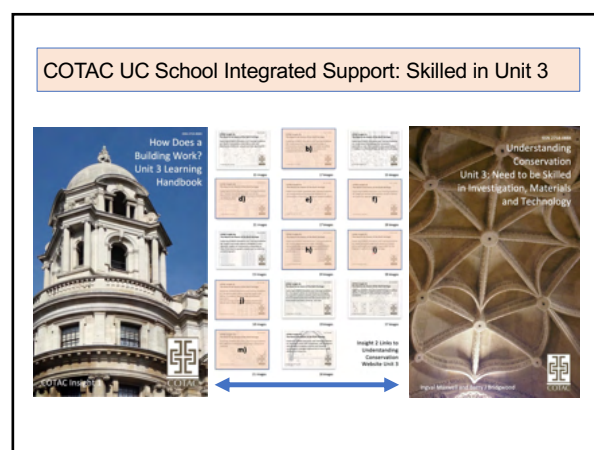
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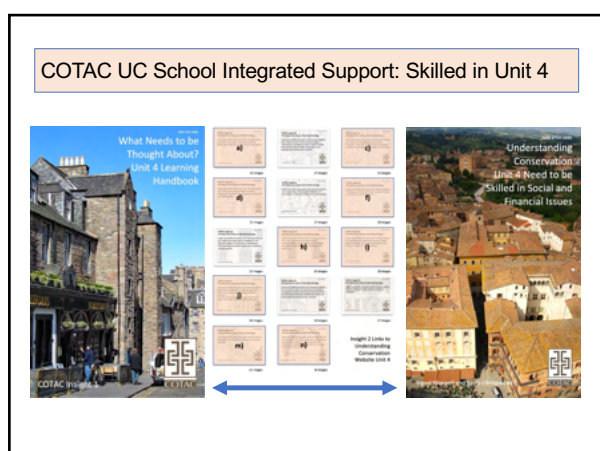
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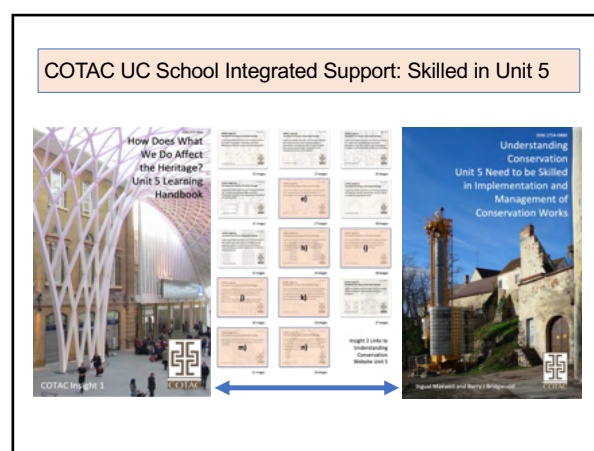
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## COTAC Continuing Steps: Working With Others



Against other matters, understanding the worth, construction, design, period, setting and location of a place is important when also recognising previous influence and decisions that could have had an impact. With a bibliographic search can prove useful and in working with design to follow, COTAC aims to ensure that the current structure of its iCOTAC Learning activities can offer support through its digital bibliography. This is arranged and presented with reference to the iCOTAC Education and Training Guidelines and with an intention of enhancing the content of COTAC's insight 2. The need to be aware of the built heritage.



Expanding the broad range of professional bodies who currently operate peer-reviewed Conservation Accreditation Schemes in the UK and Ireland, with related direct body interests in education, the established Edinburgh Group continues to develop the work and activities initially defined by an agreed code of documentation prepared in 2001. Since 2008 COTAC has enabled and facilitated its 6-monthly meeting cycle. The updated 2018 Terms of Reference of the Group, which was originally initiated in Edinburgh, aims to encourage a continuing, common approach towards the development, monitoring, and promotion of historic environment accreditation schemes for individual practitioners on a pan-professional basis.



In support of design education, COTAC requires its partner to take a conservation website and continues to offer a high level of structural architectural conservation (COP) provision to assist in the personal development of practitioners and to help them gain accredited status.

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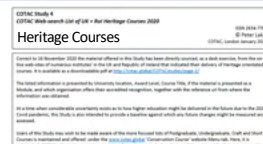
## COTAC Continuing Steps: Working With Others



In this Section COTAC has placed an emphasis on the loss of the built heritage to the effects of the Paragraph 1 of the iCOTAC Education and Training Guidelines. Whilst the threat to historic buildings is increasing, it is not always clear what can be done to prevent the loss of historic buildings. The threat to historic buildings is increasing, it is not always clear what can be done to prevent the loss of historic buildings. The threat to historic buildings is increasing, it is not always clear what can be done to prevent the loss of historic buildings.



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COTAC Web search List of iCOTAC + iCOTAC Heritage Courses 2020



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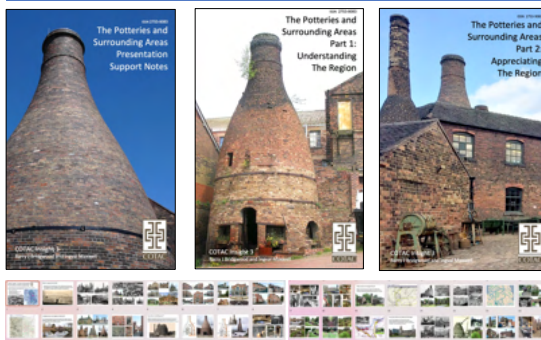
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## COTAC Continuing Steps: CPD Provision

www.cotac.global	COTAC Study	COTAC Conference
	COTAC Study 1 Integrating Digital Technologies in Support of Historic Building Information Modelling	COTAC Conference Report 2013
	COTAC Study 2 Parts 1, 2 and Summary Fire and Flood in the Built Environment: Keeping the Threat at Bay	COTAC Conference Report 2014 and COTAC Conference Report 2015
	COTAC Study 3 Parts 1, 2 and Bibliography BIMAC Integrating HBIM Framework Report Parts 1, 2 and Illustrative Bibliography	COTAC Conference Report 2016 and COTAC Conference Report 2017
	Conference 2013 Lightweight Technology in Support of Historic Building Information Modelling	Conference 2017 Lightweight Technology in Support of Historic Building Information Modelling
	Conference 2014 Fire and Flood in the Built Environment: Keeping the Threat at Bay	Conference 2015 Fire and Flood in the Built Environment: Keeping the Threat at Bay
	Conference 2015 Fire and Flood in the Built Environment: Keeping the Threat at Bay	Conference 2016 Fire and Flood in the Built Environment: Keeping the Threat at Bay
	Conference 2016 Fire and Flood in the Built Environment: Keeping the Threat at Bay	Conference 2017 Fire and Flood in the Built Environment: Keeping the Threat at Bay
	Conference 2017 Fire and Flood in the Built Environment: Keeping the Threat at Bay	Conference 2018 Fire and Flood in the Built Environment: Keeping the Threat at Bay

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## COTAC Continuing Steps: Pending on www.cotac.global



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## COTAC Continuing Steps: Pending on www.cotac.global



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## COTAC Continuing Steps: Rereading Awareness



Traditionally constructed, and 20<sup>th</sup> C historic buildings derive their value from their period, context, method of construction and fabric. Any changes to these factors can significantly negate their value.

Whilst climate and man-induced damaged or destroyed buildings can be reconstructed, and their contents replaced, their quality, authenticity, value and significance is either considerably reduced or may be lost entirely.

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COTAC Next Steps: <i>and How You can Help</i>	
<p>Consider how much new-build orientated Education and Training dominates the established learning institutes and professional bodies, and the imbalance this creates in the workforce when conservation, repair and maintenance work occasions some 40% of all construction industry activities</p> <p>Consider if the COTAC UC School Structure Matrix and learning materials have value in dealing with the existing building stock and how this can support Student developments, the Education and Training institutes, and various professional body Conservation Accreditation Schemes</p> <p>Consider the philosophical and ethical conservation language and terminology in the recognised Conservation Charters and Conventions, the practical relevance of <i>BS7913: 2013 Guide to the conservation of historic buildings</i> and associated researched information</p> <p>Consider the embodied energy, sustainability, significance and value of the existing built heritage stock, and the regional details and variations that exist in the diverse use of materials, previously exercised by traditional craft skills in their working methods.</p> <p>Consider and how these integrated aspects will continue to preform under increasing pressure and a growing apprehension created by continued exposure to, and threats from, the elements</p>	