Please note: This specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if s/he takes full advantage of the learning opportunities that are provided.

We regularly review our course content, to make it relevant and current for the benefit of our students. For these reasons, course modules may be updated.

More detailed information on the learning outcomes, content, and teaching, learning and assessment methods of each module can be found in the Module Information Directory (MID), student module guide(s) and the course handbook.

The accuracy of the information contained in this document is reviewed by the University and may be verified by the Quality Assurance Agency for Higher Education.
1. Introduction

Architectural Technology lead the technological design within architecture between concept, innovation and reality. Playing a pivotal role within the construction process as lead designers or complementing other chartered professionals in the built environment, this diverse and varied qualification can propel you into a career in architectural practice, city and urban planning, interior design, contractors and builders, oil and gas developments together with many other areas and specialisms.

Gathering a vast amount of key knowledge and transferrable skills, our CIAT student award winning course at Coventry University sits together with other built environmental disciplines such as Building Surveying, Construction Managers, Quantity Surveyors, Building Services Engineers and Civil Engineers. This represents the multi-disciplinary nature of the construction industry and provides students on the course with some context in relation to their role and to other professions that they will interact within throughout their professional careers.

Architectural Technology students will find a home in our dedicated design studio space and alongside other built environment professions in a range of commonly taught modules which include group projects and use of our extensive range of laboratories and unique facilities such as our simulation centre which is located on our main campus at the Technology Park.

Our accrediting body, the Chartered Institute of Architectural Technologists (CIAT) and the feedback we receive from our Building Advisory board very much encourage the use of multi-disciplinary learning approach and group project work. However, there is considerable individual learning which builds to our end of semester and end of year shows where student work is judged by leading professionals and creates a platform for showcasing the hard work undertaken by our students.

Throughout the year there are several field trips (both internationally and domestically within the U.K.) and opportunities to meet leading professionals both within practices and as guests visiting the course. We have special events which attract the leading professionals within our field and also through diversification such as our Women in Construction Symposium.

Many of our projects revolve around real life scenarios and link to projects that have awards and national prizes associated to them. In previous years we have worked with TRADA (The Timber Research and Development Association) or assisted our community with projects linked with Myton Hospices, Birmingham Children’s Hospital and Ravensdale School in Coventry. These projects all involve field trips and talks from the key decision makers within the organisations.
## 2 Available Award(s) and Modes of Study

<table>
<thead>
<tr>
<th>Title of Award</th>
<th>Mode of attendance</th>
<th>UCAS Code</th>
<th>FHEQ Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (Hons) Architectural Technology</td>
<td>FT 3 years, PT 5 years, SW 4 years</td>
<td>K236</td>
<td>6</td>
</tr>
<tr>
<td>Fallback Awards:</td>
<td></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>BSc Building Studies</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 3 Awarding Institution/Body
- Coventry University

### 4 Collaboration
- Not applicable

### 5 Teaching Institution and Location of delivery
- Coventry University

### 6 Internal Approval/Review Dates
- Date of approval: February 2017
- Date for next review: February 2026

### 7 Course Accredited by
- Chartered Institute of Architectural Technologists (C.I.A.T.).

### 8 Accreditation Date and Duration
- Re-accreditation visit is taking place in May 2019.

### 9 QAA Subject Benchmark Statement(s) and/or other external factors

### 10 Date of Course Specification
- February 2017

### 11 Course Director
- BSc (Hons) Architectural Technology – Carl Mills
12 Outline and Educational Aims of the Course

The specific aims of the provision have evolved over many years and the BSc (Hons) Architectural Technology Course has been provided in order to reflect the changing structure of the industry and to equip students to meet the future challenges as well as to take advantage of current thinking as to best practice in education.

The specific course aims are as follows:

1. to ensure that the BSc (Hons) Architectural Technology Course at Coventry University maintains a position at the forefront of higher education in building by satisfying the requirements of the Construction Industry and Profession at both national and international levels;
2. to provide an up to date curriculum which meets the needs of the Architectural Technology profession in order that graduates will succeed in chosen career directions;
3. to allow the students enrolling on the course with a wide range of academic attainments to achieve their academic and personal development potential;
4. to satisfy the academic requirements of the Chartered Institute of Architectural Technologists (CIAT) in order that graduates may enjoy the benefits of course accreditation, thus allowing them to gain chartered status in a professional institution.
5. to accommodate the changing circumstances of individuals by allowing them to vary their mode of study;
6. to be of benefit to the community at large by providing graduates whose employment in the built environment, as well as other spheres of employment, is to the national and international good.
7. to provide opportunities for students on undergraduate courses to study alongside colleagues from other construction related disciplines in integrated project work and other common modules which simulate the environment in which they will work upon graduation.
13 Course Learning Outcomes

A student who successfully completes the BSc (Hons) Architectural Technology course will have achieved the following Course Learning Outcomes which are directly mapped to the QAA Architectural Technology (2014) benchmark statement.

Key Subject area - Design:

1. an awareness of the context, and the political, economic, environmental, social and technological aspects that inform and influence the practice of Architectural Technology nationally and internationally
2. an ability to problem solve to realise the design into built form through the generation of detailed design solutions that respond to familiar and unfamiliar situations
3. an ability to successfully complete a sustainable and inclusive design project, systematic review or systematic case study, informed by current understandings in the discipline

Key Subject area - Technology:

4. an awareness of building elements, components, systems, and methods used for different building typologies
5. an awareness of current topics and practices which inform the discipline of Architectural Technology including new and emerging technologies

Key Subject area - Management:

6. an awareness of project and design management, project procurement and process, construction and contract management

Key Subject area - Practice:

7. an ability to identify hazards and risks and develop and maintain safe systems of work and legal and relevant legislation and regulatory frameworks
8. an ability to work independently and as a member of a team identifying personal development needs and to plan to meet these needs through relevant and appropriate methods

14 Course Structure and Requirements, Levels, Modules, Credits and Awards

Modules within the course, their status (whether mandatory or optional), the levels at which they are studied, their credit value and pre/co requisites are detailed in the tables at the bottom of this section.

The BSc (Hons) Architectural Technology Course may be studied via the following modes of attendance: full-time, sandwich and *part-time (*from stage 2 onwards). Part time students study alongside full time and sandwich students, the timetable is arranged to facilitate part time students to study approximately half of a full-time stage of study in any one academic year.

The course structure is detailed in tables at the bottom of this section.

The course is covered by the University's Regulations. [http://www.coventry.ac.uk/life-on-campus/the-university/key-information/registry/academic-regulations/](http://www.coventry.ac.uk/life-on-campus/the-university/key-information/registry/academic-regulations/)

(a) BSc (Hons) Architectural Technology

With the exception of one course specific practice module (1035EXQ) the BSc (Hons) Architectural Technology course shares a common first stage which with BSc (Hons) Building Surveying, BSc (Hons) Construction
Management and BSc (Hons) Quantity Surveying and Commercial Management which permits students to transfer from one course to another at the end of the first year of full time study, subject to academic performance and approval by Course Directors. Experience suggests that this is a valuable feature since many students are unsure of their preferred career route at the commencement of their studies. This facility is also subject to restrictions imposed by professional bodies.

On entry to the second stage, students continue to receive material common to all building disciplines in some modules, but in this and the final stage, the majority of their course relates to the study of material specific to the Architectural Technology discipline, in particular Design Project and Professional Practice and Management.

The course structure is represented in the tables at the bottom of this section and the course is accredited by The Chartered Institute of Architectural Technologists.

The conditions for this award are given in Section 14.5

14.1 Add+vantage scheme

As required by University regulations, students will take one 10 credit Add+Vantage module at each of the three stages. The Add+Vantage scheme is a University initiative for broadening students’ studies. It is a large collection of 10 credit modules. Students are required to take one of these at each level of their degree (though part-time students are exempt). The modules offer scope for study in a wide variety of areas, many linked to ‘graduateness’ and ‘employability’. The scheme includes languages, law, advanced IT and mathematical skills.

14.2 Contact with Practice (CP Credits)

For the award of an honours degree, the University regulations require students to gain 120 credits at each academic level of study. 110 credits are earned via the mandatory modules that form part of the Architectural Technology course. Full-time students gain the extra 10 credits from the University’s scheme of Add+Vantage modules. Part-time students who choose not to participate in the advantage scheme can gain the extra credits they need in the form of CP credits.

To earn CP credits, students arrange an event or experience that will allow them to review and reflect on their own work experience and benefit others by giving them a flavour of the construction industry – a contact with practice.

14.3 Professional Training or Study Abroad and the award of Sandwich degrees (Optional)

Students are strongly advised to avail themselves of the ‘sandwich’ as opposed to the ‘full-time’ mode of study, the principal benefits being that the employment experience makes students more employable and they gain a wider knowledge of their chosen building discipline.

To be awarded a sandwich degree, students must study and pass Module (250EC or 2001CEM) in undertaking a work placement or (240EC or 2002CEM) if studying abroad. Satisfactory completion of this module will provide an extra 40 level 2 credits but marks are not included in the degree classification calculation. (240EC or 2002CEM) or (250EC or 2001CEM) cannot be used in the degree classification.

Studying Abroad - The full time route allows students to spend a year abroad between stage 2 and the final stage of their course. Students opting to take this route may undertake a placement under the Erasmus exchange scheme or other study abroad routes (i.e. for study placements outside the EU), or a work placement under the Erasmus work placement scheme or on their own initiative (i.e. for work placements outside the EU).

Alternatively, they may choose to combine a period of study with a period on placement. Students undertaking a work placement/internship will register on module (250EC or 2001CEM) whilst those undertaking a period of study abroad will register on module (240EC or 2002CEM). Students who successfully complete the assessment associated with these modules will receive 40 credits at level 2 but marks are not included in the degree classification calculation

14.4 Progression through the Degree

To progress from stage 1 to stage 2 and from stage 2 to stage 3 of the course students must normally pass all modules. Students who fail to pass sufficient modules to progress will be considered under the Academic Regulations. The outcome will be at the discretion of the Programme Assessment Board (PAB). Due to professional accreditation, and comparison across the undergraduate degrees within the School, only certain
modules can be condoned by the PAB. The detail of condonable modules is shown in the tables at the bottom of this section.

Failure to achieve a pass in the level 1 and level 2 zero credit rated academic skills modules 1015EXQ and 2018EXQ will not prevent a student from progressing to the next stage, if all other requirements for progression have been met.

14.5 Conditions for the award of an honours degree in Architectural Technology:

The award of an honours degree from this course requires:
(a) a pass or exemption given in all mandatory modules, and;
(b) the minimum number of module passes required for the award as indicated by the Academic Regulations.

NB. The classification calculation is detailed in the Academic Regulations. (240EC or 2002CEM) or (250EC or 2001CEM) cannot be used in the degree classification. The detail of condonable modules are shown in the tables at the bottom of this section.

14.6 Conditions for the fallback award of BSc Building Studies (unclassified)

This fallback award is provided for students who do not pass sufficient mandatory modules to be awarded the named degrees referred to above. The BSc Building Studies degree (unclassified) is not accredited by any professional institutions.

The award of this unclassified degree requires the minimum number of credits indicated in the Academic Regulations.

Cascade of awards according to the level of achievement:

| BSc (Hons) Architectural Technology | ← |
| BSc Building Studies | ↓ |
| Diploma of Higher Education | ↓ |
| Certificate of Higher Education |
## Mandatory Modules for BSc (Hons) Architectural Technology

<table>
<thead>
<tr>
<th>Module credit level</th>
<th>Module Code</th>
<th>Title</th>
<th>Credit Value</th>
<th>Mandatory/ Optional</th>
<th>Condonable Y/N</th>
<th>Course Learning Outcomes</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1008EXQ</td>
<td>Design Studies (Building)</td>
<td>20</td>
<td>M</td>
<td>Yes</td>
<td>2, 3 &amp; 4</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>1012EXQ</td>
<td>Construction Technology and Building Materials</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>4, 5 &amp; 7</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>1014EXQ</td>
<td>Group Project 1</td>
<td>20</td>
<td>M</td>
<td>Yes</td>
<td>6, 7, &amp; 8</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>1015EXQ</td>
<td>Academic and Professional Development Skills</td>
<td>0</td>
<td>M</td>
<td>No</td>
<td>1, 6 &amp; 8</td>
<td>None</td>
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<tr>
<td>4</td>
<td>1016EXQ</td>
<td>Construction Technology and Building Science</td>
<td>30</td>
<td>M</td>
<td>No</td>
<td>4, 5 &amp; 7</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>1035EXQ</td>
<td>Building Practice – Architectural Technology</td>
<td>20</td>
<td>M</td>
<td>Yes</td>
<td>1, 2, 3, 4, 5 &amp; 7</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>Add+Vantage</td>
<td>(Student choice)</td>
<td>10</td>
<td>M</td>
<td>Yes</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>5</td>
<td>2016EXQ</td>
<td>Law for Construction Professionals</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>1, 6 &amp; 7</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2017EXQ</td>
<td>Group Project 2</td>
<td>10</td>
<td>M</td>
<td>Yes</td>
<td>6, &amp; 8</td>
<td>None</td>
</tr>
<tr>
<td>5</td>
<td>2018EXQ</td>
<td>Academic and Professional Development in Practice</td>
<td>0</td>
<td>M</td>
<td>No</td>
<td>1, 6 &amp; 8</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2019EXQ</td>
<td>Construction Technology</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>2, 4 &amp; 5</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2022EXQ</td>
<td>Architectural Development and Planning</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>1, 2 &amp; 6</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2054EXQ</td>
<td>Domestic Construction Methods and Detailing</td>
<td>20</td>
<td>M</td>
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<td>1, 2, 3, 4, 5 &amp; 7</td>
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<td>5</td>
<td>2055EXQ</td>
<td>Commercial Construction and Design Development</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>1, 2, 3, 4, 5 &amp; 7</td>
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<tr>
<td>5</td>
<td>Add+Vantage</td>
<td>(Student choice)</td>
<td>10</td>
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</tr>
<tr>
<td>5 (F/Y)</td>
<td>240EC</td>
<td>Study Abroad Year</td>
<td>40</td>
<td>O</td>
<td>No</td>
<td>1,2,3,4,5,6,7 &amp; 8</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2002CEM**</td>
<td>International Experience Year</td>
<td>0</td>
<td>O</td>
<td>No</td>
<td>1,2,3,4,5,6,7 &amp; 8</td>
<td>None</td>
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<tr>
<td>5 (F/Y)</td>
<td>250EC</td>
<td>Professional Training</td>
<td>40</td>
<td>O</td>
<td>No</td>
<td>1,2,3,4,5,6,7 &amp; 8</td>
<td>None</td>
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<tr>
<td>5</td>
<td>2001CEM**</td>
<td>Professional Training Year (250EC)</td>
<td>0</td>
<td>O</td>
<td>No</td>
<td>1,2,3,4,5,6,7 &amp; 8</td>
<td>None</td>
</tr>
<tr>
<td>6</td>
<td>3016EXQ</td>
<td>Contract Management</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>6, 7 &amp; 8</td>
<td>None</td>
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<tr>
<td>6</td>
<td>3019EXQ</td>
<td>Group Project 3</td>
<td>20</td>
<td>M</td>
<td>No</td>
<td>6 &amp; 8</td>
<td>None</td>
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<tr>
<td>6</td>
<td>3059EXQ</td>
<td>Technical Project</td>
<td>10</td>
<td>M</td>
<td>No</td>
<td>1, 2, 3, 4, 5 &amp; 7</td>
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<tr>
<td>6</td>
<td>3060EXQ</td>
<td>Design Project</td>
<td>50</td>
<td>M</td>
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<tr>
<td>6</td>
<td>3061EXQ</td>
<td>Professional Practice and Management</td>
<td>10</td>
<td>M</td>
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<td>6 &amp; 7</td>
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<tr>
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<td>Add+Vantage</td>
<td>(Student choice)</td>
<td>10</td>
<td>M</td>
<td>Yes</td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>
Notes: ¹The sandwich year modules 240EC and 250EC, and the zero credit skills modules, are listed on the student’s final degree transcript, but do not count towards the degree classification. These modules are for Students who first enrolled before Sept 2018 only.
( **Students who enrol from Sept 2018 will undertake these modules **)
15 Criteria for Admission and Selection Procedure

First Year Entry

BSc (Hons) Architectural Technology

Entry requirements to the first year of the course require that candidates will normally be 18 on the 31 December of the year of entry and should normally meet the entry requirements of their select course as detailed on our University website:  http://www.coventry.ac.uk/study-at-coventry/course-search/

Non-native English speakers require an IELTS score of 6.0.

Direct entry to second year
An applicant possessing an appropriate HND or HNC or other equivalent qualification in a construction discipline from another institution with a merit profile or better will be considered for stage 2 direct entry onto the BSc (Hons) Architectural Technology course.

UCAS entry profiles may be found by searching for the relevant course on the UCAS website, then clicking on ‘Entry profile’

16 Academic Regulations and Regulations of Assessment

This Course conforms to the standard University Regulations which requires the internal moderation of all assessments.

External Examiners are appointed for all named University awards. The role of the External Examiner at module level is to ensure that academic standards are in line with national norms for the subject. External Examiners undertake the moderation of examination papers and assessment tasks, and view representative samples of work for the modules for which they have responsibility. At course level, External Examiners help to ensure fairness in the consideration of student progression and awards. They have the right to comment on all aspects of the assessment system and participate as full members of the assessment boards.

The Pass mark for all modules is 40%. This overall module mark may comprise more than one component (e.g. coursework and exam). The individual module descriptors give the precise pass criteria and the weighting of the component marks that contribute to the overall module mark.

On Undergraduate courses, the Honours classification boundaries for First Class, Upper Second Class, Lower Second Class and Third Class are 70%, 60%, 50% and 40% respectively.
17 Indicators of Quality Enhancement

The following are key indicators of quality and standards:

- The BSc (Hons) Architectural Technology course has been designed in accordance with the QAA benchmark statements for Architectural Technology and relevant aspects of Construction as appropriate.
- The School has a strong portfolio of industry-related research, particularly in the areas of low carbon building technology and sustainable construction materials, and engineering education.
- All courses in the School are accredited (or are seeking accreditation) from the relevant professional institutions.
- All staff who teach on the course are active in scholarship/research and have a range of professional experience in architectural practice, surveying, civil engineering, the construction industry and related art and design disciplines.
- The School has excellent links with local employers through our Building Advisory Board. These local employers provide input to course management, delivery and development.
- Within the School the record of students gaining employment in the construction industry is excellent, notwithstanding the current economic climate (100% in 2017-18 figures).

QAA

- The University’s quality procedures were confirmed by a QAA Higher Education Review in 2015.
- There is a diverse and active range of research activities influencing courses in most areas of the Faculty.
- All of the existing courses carry external professional recognition;
- Strong and regular industry input to the subject-base. This is achieved in many ways, for example through the long-stranding advisory boards, industry-focused collaborative research initiatives and use of guest speakers from industry

18 Additional Information

Enrolled students have access to additional, key sources of information about the course and student support including:

- Student Handbook
- Course Handbook
- Module Guides
- Moodle Course & Module Webs
- Module Information Directory https://webapp.coventry.ac.uk/MidWebNext/Main.aspx
- EC Student Portal https://students.coventry.ac.uk/EC/Pages/Home.aspx
- Coventry University Student Portal https://students.coventry.ac.uk/Pages/index.aspx