Template C4

Programme Specification

Title of Course: *BSc (Hons) Quantity Surveying Degree Apprenticeship*

Date first produced	30/06/2018
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Version number	14
Faculty	Faculty of Engineering, Computing and the Environment
Cross-disciplinary	
School	School of Engineering
Department	Department of Mechanical Engineering
Delivery Institution	Kingston University

This Programme Specification is designed for prospective students, current students, academic staff and employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes and content of each modules can be found in the course VLE site and in individual Module Descriptors.

SECTION 1: GENERAL INFORMATION

Award(s) and Title(s):	BSc (Hons) Quantity Surveying Degree Apprenticeship
Exit Award(s) and Title(s):	Cert HE in Quantity Surveying Dip HE in Quantity Surveying BSc
Course Code *For each pathway and mode of delivery*	UPQSC1QSC77
UCAS code *For each pathway*	K281

Awarding Institution:	Kingston University
Teaching Institution:	Kingston University
Location:	Kingston University
Language of Delivery:	English
Delivery mode:	Primarily campus based (up to 20% of scheduled L&T hours delivered online)
Learning mode(s):	Part-time
Minimum period of registration:	Part-time - 5
Maximum period of registration:	Part-time - 10
Entry requirements	Kingston University typically uses a range of entry requirements to assess an applicant's suitability for our courses. Most course requirements are based on UCAS Tariff points, usually stipulated as a range, and are sometimes coupled with minimum grades in specific relevant subjects. We may also use interview, portfolio and performance pieces to assess an applicant's suitability for the course. We recognise that every person's journey to Higher Education is different and unique and in some cases we may take into account work experience and other non-standard pathways onto University level study. Additionally, all non-UK applicants must meet our English language requirements. Please see our course pages on the Kingston University website for the most up to date entry requirements

Regulated by	The University and its courses are regulated by the Office for Students
Programme Accredited by:	Royal Institute of Chartered Surveyor (RICS)
Approved Variants:	None.
Is this Higher or Degree Apprenticeship course?	Yes

For Higher or Degree Apprenticeship proposals only	
Higher or Degree Apprenticeship standard:	Chartered Surveyor (Degree)- ST0331
Recruitment, Selection and Admission process:	Information regarding available apprenticeships with a number of Employers can be found on the Institute for Technical Apprenticeships and Education . Apprentices apply for positions with Employers, and then, following application, interview and selection process, successful apprentices apply for the degree apprenticeship through our application process led by the Central Apprenticeships Team (CAT), Admission Tutor and Programme Course Leader. Assuming qualification stipulations are met by the apprentice, they will be invited to complete the on-boarding process through our end-to-end software Aptem. This includes completion of an Initial Needs Assessment - with the apprentice declaring Recognised Prior Learning - both academic and experiential - against the learning outcomes for the academic programme and its modules. Please see our apprenticeship webpages - https://www.kingston.ac.uk/degree-apprenticeships/ Higher and Degree Apprenticeships - Kingston University London - for more information."
End Point Assessment Organisation(s):	Royal Institute of Chartered Surveyor (RICS)

SECTION 2: THE COURSE

A. Aims of the Course

The general aim of the course is:

- To equip graduates with the necessary skills and knowledge needed to be able to manage a construction project from inception and design through occupation, working towards cost-efficient, safely and on time whilst gaining the necessary employability skills such as problem-solving, digital competence and adaptability enabling graduates to follow careers in related professional disciplines.

More specific aims of the course are:

- To produce graduates with a breadth and depth of knowledge and a thorough comprehension of the key aspects of the construction industry within a business perspective.
- To understand and advise on the procurement process and be able to play a key advisory role within the decision-making team.
- To develop a critical knowledge of the theory and practice of estimating, cost planning and pricing taking due account of risks and life cycle costs.
- To furnish apprentices with a sound working knowledge of existing and emerging measurement techniques including the ability to measure complex structures, and the role of IT within measurement.
- To allow apprentices to develop analytical skills and an ability to evaluate evidence and assumptions to reach sound judgements and communicate these effectively.
- To provide quantity surveying graduates to the construction industry who have a creative approach to the solution of problems and the requisite technical skills to realise these solutions.
- To furnish graduates with a firm grasp of Sustainability and Health and Safety within the context of their discipline.
- To provide graduates with reflective skills to recognise the need to continually develop themselves in order to exercise their professional judgement.
- To develop the understanding, knowledge, and skills to become, after appropriate further practical experience, competent practitioners of quantity surveying.
- To equip apprentices with the research skills required for postgraduate study and the employability skills required for work in the construction and related industries.

B. Programme Learning Outcomes

The programme learning outcomes are the high-level learning outcomes that will have been achieved by all students receiving this award. They have been aligned to the levels set out in ‘Sector Recognised Standards in England’ (OFS 2022).

Programme Learning Outcomes					
	Knowledge and Understanding On completion of the course students will be able to:		**Intellectual Skills** On completion of the course students will be able to		**Subject Practical Skills** On completion of the course students will be able to
A1	Demonstrate a sound understanding of professional issues affecting the construction technology and use of resources in residential/commercial structures and infrastructure projects, procurement, cost estimating/control and the construction management process;	B1	Critically analyse the information and knowledge base within which they are working and be able to challenge ideas rationally and constructively	C1	Prepare project appraisals, measure and quantify construction works, produce estimates, cost plans, cost reports to support the design development process and production of project information used in the commercial management of projects.
A2	Demonstrate in-depth understanding of the various professional roles and parties involved in all stages of the project life cycle and the law and its regulatory context relating to land, contracts, tortious liability, conflict avoidance and dispute resolution, matters pertaining to professional practice and ethics and to have developed a critical appreciation of legal matters relating to contract administration;	B2	Identify practice related problems and prepare logically sound and evidence-based plans for their solutions;	C2	Use standard industry software packages for estimating measurement and project management.
A3	Demonstrate knowledge and understanding of the management of construction	B3	Think creatively and imaginatively to solve	C3	Utilise management techniques to control design and construction

	identifying the key concepts and principles used in construction management including business, legal, cultural and ethical and recognising the regulatory systems including building and planning regulations.		management and design problems.		
A4	Demonstrate an appreciation of principles and processes that deliver an inclusive environment recognising the diversity of user needs including communities and the stakeholders, and the importance of professional ethics.	B4	Manage projects, people, resources and time taking account of sustainability, legal and statutory requirements, risk, safety, quality and reliability	C4	Use digital technologies to support interdisciplinary collaborative working in the construction management process.
A5	Demonstrate understanding of the theory and practice of cost planning, risk, life-cycle and sustainability initiatives to support application of key theories and principles used in the management of construction and the other disciplines of the built environment.	B5	Demonstrate a positive attitude to learning that encourages continuing professional development throughout their careers	C5	Prepare construction documentation including producing estimates, cost planning and compiling pricing and tender documents.
A6	Relate all their studies to a knowledge and holistic understanding of sustainability including social, economic and environmental aspects within the context of the built environment.	B6	Recognise the importance of professional bodies and the professional conduct expected of Construction Managers and Professional Engineers	C6	Apply procedures relevant to standard contracts and statutory controls

C. Future Skills Graduate Attributes

In addition to the programme learning outcomes, the programme of study defined in this programme specification will engage students in developing their Future Skills Graduate Attributes:

1. Creative Problem Solving
2. Digital Competency
3. Enterprise
4. Questioning Mindset
5. Adaptability
6. Empathy
7. Collaboration
8. Resilience
9. Self-Awareness

D. Outline Programme Structure

Full details of each module will be provided in module descriptors and apprentice module guides.
Note: As per GR5 within the general regulations, the University aims to ensure that all option modules listed below are delivered. However, for various reasons, such as demand, the availability of option modules may vary from year to year or between teaching blocks. The University will notify apprentices by email as soon as these circumstances arise.

BSc (Hons) Quantity Surveying Degree Apprenticeship

Level 4							
BSc (Hons) Quantity Surveying Degree Apprenticeship							
Core modules	**Module code**	**Credit Value**	**Level**	**Teaching Block**	**Pre-requisites**	**Full Time**	**Part Time**
Introduction to Construction Technology	CE4036	30	4	TY13		1	1
Introduction to Law and Regulatory Context	CE4035	15	4	TB1		1	1
Introduction to Quantification of Construction Works	CE4034	15	4	TB2		1	1

Navigating your Apprenticeship Journey	EG4031	15	4	TB1			1
People and Organisation Management	CE4033	15	4	TB2		1	1
Principles of Surveying Practice in Context	CE4032	30	4	TY13		1	1

Exit Awards at Level 4

Students exiting the course at this point who have successfully completed 120 credits at level 4 or above are eligible for the award of Certificate of Higher Education.

Level 5							
BSc (Hons) Quantity Surveying Degree Apprenticeship							
Core modules	**Module code**	**Credit Value**	**Level**	**Teaching Block**	**Pre-requisites**	**Full Time**	**Part Time**
Advanced Quantification of Construction Works	CE5025	30	5	TY13		2	2
Construction Technology and Environmental Services	CE5033	15	5	TB2		2	2
Design Economics and Cost Planning	CE5026	30	5	TY13		2	2
Digital Technologies and Construction Modelling	CE5032	15	5	TB1			2
Exploring Professional Skills in Project Management	EG5017	15	5	TB2			2
Procurement and Contract Administration	CE5031	15	5	TB1		2	2

Exit Awards at Level 5

Students exiting the programme at this point who have successfully completed 120 credits at level 5 or above are eligible for the award of Diploma of Higher Education.

Level 6							
BSc (Hons) Quantity Surveying Degree Apprenticeship							
Core modules	**Module code**	**Credit Value**	**Level**	**Teaching Block**	**Pre-requisites**	**Full Time**	**Part Time**
Construction Information Management Systems	CE6035	15	6	TB2			3
Construction Law and Contract Practice	CE6036	15	6	TB2		3	3
Future Skills Apply	AX6001	15	6	TB1			3
Individual Research Project	CE6025	30	6	Year Long			3
Professional Quantity Surveying Practice (Consultancy)	CE6030	30	6	TY13		3	3
Project Management	CE6033	15	6	Tb1			3

Exit Awards at Level 6

Students exiting the programme without completing the full 120 credits but have successfully completed 60 credits at level 6 or above are eligible for the award of an Ordinary Degree.

E. Teaching, Learning and Assessment

This course uses a range of teaching and assessment methods which have been designed to support students' learning and achievement of the learning outcomes. The course has been developed with reference to the Kingston University Academic Framework which sets-out core principles relating to Course and Credit Structure (including Module delivery Structure and Pattern, and Learning Hours and Learning Formats); Curriculum Design (inclusion Learning Design Principles and Inclusive Curriculum); and Future Skills.

Teaching and Learning on the course consist of Scheduled Learning and Teaching and Guided Independent Study (self-managed time). Scheduled Learning and Teaching includes the following, and the format for each module is set out in the module specification:

- Laboratory Sessions
- Lectures
- Seminars
- Tutorials
- Workshops
- Placements

Guidance for students on the use of independent study time is communicated through the 'Succeed in your module' section on the Canvas Virtual Learning Environment and through other communications during the course.

In addition to the core Scheduled Learning and Teaching activities for the course, the University may offer students additional optional opportunities for learning. Examples of these include Study abroad and Work-based learning.

The course will provide students with the opportunity to develop their knowledge and skills relating to at least two United Nations Sustainable Development Goals (UN SDGs). We are committed to empowering students with the knowledge, skills and opportunities to understand and address the UN SDGs: each course is thus also required to prepare students for at least two of the SDGs (not including Quality Education, which all courses must deliver).

F. Support for Students and their Learning

Students are supported through a range of services that provide academic and wider support. These include:

- A Module Leader for each module
- A Course Leader to help students understand the course structure
- Personal Tutors to provide academic and personal support
- Technical support to advise students on IT and the use of software
- Student Voice Committee – to ensure the views of students are heard
- Canvas – Kingston University's Virtual Learning Environment
- Student support facilities that can provide advice on issues such as finance, regulations, legal matters, accommodation, international student support
- Disabled student support
- The Kingston Students' Union
- Student Development and Graduate Success

G. Ensuring and Enhancing the Quality of the Course

The University has policies and procedures for evaluating and improving the quality and standards of its provision. These include:

- Continuous Monitoring of courses through the Kingston Course Enhancement Programme (KCEP)
- Student evaluation including Module Evaluation Questionnaires (MEQs), the National Student Survey (NSS)
- Internal and external moderation of graded assignments

H. External Reference Points

External reference points which have informed the design of the course. These include:

- PSRB standards
- QAA Subject benchmarks
- Apprenticeship standards
- Other subject or industry standards

I. Development of Course Learning Outcomes in Modules

This table maps where programme learning outcomes are **summatively** assessed across the **core** modules for this course. It provides an aid to academic staff in understanding how individual modules contribute to the course aims, a means to help students monitor their own learning, personal and professional development as the course progresses and a checklist for quality assurance purposes.

Module Code		Level 4						Level 5						Level 6					
		CE4033	CE4034	CE4035	CE4032	CE4036	EG4031	CE5032	EG5017	CE5031	CE5033	CE5025	CE5026	CE6035	CE6036	CE6030	CE6033	AX6001	CE6025
Knowledge & Understanding	A1		S	S		S					S				S	S			
	A2					S				S	S		S		S				
	A3											S							
	A4				S							S							
	A5		S	S		S				S	S				S	S			

	A6				S	S					S	S			S				
Intellectual Skills	B1	S	S	S		S				S	S				S	S			
	B2	S	S	S		S				S	S				S	S			
	B3											S	S						
	B4				S					S		S							
	B5											S							
	B6											S							
Practical Skills	C1		S	S		S				S	S				S	S			
	C2									S									
	C3					S				S	S		S		S				
	C4		S							S			S			S			
	C5		S	S		S				S	S				S	S			
	C6		S	S		S					S	S	S		S	S			

Students will be provided with formative assessment opportunities throughout the course to practise and develop their proficiency in the range of assessment methods utilised.

Additional Information