

Course Specification

	A. Course Information												
Final award title(s)	BSc (Hons) C	onstruction Site	Manage	ment Degree	Apprenticeship								
Intermediate exit award title(s)													
UCAS Code			Course Code(s		ne: 4950								
	London South	Bank University	′										
School	□ ASC □ A	.CI ⊠ BEA □	BUS [□ ENG □ H	SC □LSS								
Division	The Built Envi	ironment											
Course Director	James Bishop)											
Delivery site(s) for course(s)	Southwark □ Other: plea		ering										
Mode(s) of delivery	□Full time	⊠Part time	□о	ther please s	pecify								
Length of course/start and													
finish dates	Mode	Length year	s Sta	art - month	Finish - month								
	Part time	3 years + E	PA Se	eptember	July								
Is this course generally	Please complete	the International Of	fice questi	onnaire									
suitable for students on a	Yes	No											
Tier 4 visa?	Students are advise	ed that the structure/na	ature of the	course is suitable	for those on a Tier 4								
	visa but other facto	ors will be taken into ac	count befor	re a CAS number i	s allocated.								
Approval dates:	Course(s) vali	idated	June 2	2020									
	Course review	v date	June 2	2025									
	Course specif		Septer	mber 2023									
Professional, Statutory & Regulatory Body accreditation		titute of Building	(CIOB)										
Link to Institute of		stituteforapprent											
Apprenticeship (IoA) Standard and Assessment	standards/cor	nstruction-site-ma	anageme	<u>ent-degree-vi</u>	<u>1-0</u>								
Plan (Apprenticeship only)													
Reference points:	Internal	Corporate Strate											
		Academic Quali School Strategy		nhancement	Website								
		LSBU Academic		itions									

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	External QAA Quality Code for Higher Education 2018 Framework for Higher Education Qualifications Construction Subject Benchmark Statements 2019 CIOB Educational Framework 2018 PSRB Office for Students (OfS) Guidance Competitions and Markets Authority SEEC Level Descriptors 2021
	B. Course Aims and Features
Distinctive features	The construction industry is both varied and exciting. With the driving force of
of course	major projects in London, such as crossrail and LSBU's local area regeneration, the construction industry is experiencing a need for well-qualified personnel to be involved in all stages of such exciting developments. The course seeks to provide students with the breadth of technical and managerial expertise in construction, and an up-to-date knowledge of legislation and regulations. The course intends to provide forefront education for our graduates to face exciting and demanding challenges as leaders of a multidisciplinary project team, and also provides the opportunity to use modern equipment within a well-resourced environment. The knowledge gained enables students to have the confidence to work with other professionals and to deliver in complex project or process environments.
Course Learning	 The BSc (Hons) Construction Management aims to: Produce graduates who are equipped to take up responsible professional employment as construction managers in the construction industry. Maintain recognition and accreditation by the appropriate professional institution. Develop the intellectual and practical skills required to collect, analyse and interpret information, evaluate evidence and opinion, solve problems, reach sound judgements and communicate them effectively. Produce graduates who have knowledge and understanding of the construction industry, construction technology and the organisation and management of the construction process. Develop understanding of the context within which graduates will work and the impact of changing social, economic, legal, cultural, environmental and technological frameworks on their working lives. Prepare students for work in a business- and project-based, multidisciplinary industry. Develop specific skills and expertise relating to the management of the construction process, including the integration, management and control of independent contributors to that process. Develop transferable skills that are required for study and employment and give graduates the confidence and ability to embrace change, engage in future study or research and career development.
_	a) Students will have knowledge and understanding of:
Outcomes	

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- A1 The construction industry and related industries, the main participants, their roles, linkages and inter-relationships and the context within which they work.
- A2 Building history and conservation.
- A3 Construction technology, building services and building science.
- A4 The legal system, tort, contract and construction law.
- A5 The general principles of management, business practice, economics and finance and their application to corporate and project management in a general and construction context.
- A6 Information and communication technology relevant to technical and management functions.
- A7 The role of professionals in society and their professional and ethical responsibilities.
- A8 Best practice in relation to health, safety and welfare and environmental sustainability.
- A9 Site management, planning, productivity and control.
- A10 Concepts, theories and principles related to the procurement and management of construction work, together with the specific approaches, procedures and systems necessary to meet environmental, business and client requirements.

b) Students will develop their intellectual skills such that they are able to:

- B1 Assemble information and data from a variety of sources and discern and establish connections.
- B2 Identify and critically analyse issues with reference to pertinent argument and evidence.
- B3 Critically evaluate current procedures and approaches used by construction professionals.
- B4 Investigate routine and unfamiliar problems and apply professional judgement to devise solutions, balancing factors such as risk, cost, benefit, safety and environmental impact.
- B5 Plan, conduct and report on an individual research course.

c) Students will acquire and develop practical skills such that they are able to:

- C1 Use and interpret maps, plans and drawings.
- C2 Demonstrate basic competence in setting out work and in land surveying.
- C3 Measure, plan and programme building and civil engineering work for the purposes of tender preparation, production, estimating, control and final accounting.
- C4 Use software packages that are relevant to construction management.

d) Students will acquire and develop transferrable skills such that they are able to:

- D1 Communicate effectively by oral, written and visual means in a form appropriate to the intended audience, with appropriate acknowledgement and referencing of sources.
- D2 Apply statistical and numerical skills at an appropriate level.

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D3 Use information and communication technology (ICT) to locate and access information and communicate information to others.

D4 Work effectively as a member of a team.

D5 Manage time and work to deadlines.

D6 Learn effectively and independently.

C. Teaching and Learning Strategy

- Acquisition of the above is achieved by a combination of lectures, seminars, tutorials, practical work, directed reading, coursework, case study and project work. Guest speakers from industry are frequent contributors. Acquisition of A2, A3 and A9 also involves site visits and/or the use of actual buildings/sites for project work. Laboratory-based practical's and workshop exercises contribute to achievement of A3 and A6. Student-led seminars are a particularly important ingredient in law and management, and acquisition of knowledge and understanding in all areas relies increasingly on discussion, whether student or staff led, as students' progress through the levels of study.
- Project work makes important contributions to the acquisition of A2, A5, A9 and A10, particularly at Level 6. Information and communication technology is introduced to relevant application packages in modules at Levels 5 and 6. Health and safety and environmental sustainability are taught in modules at Levels 5 and 6 and understanding is also developed in other modules. The role of professionals and ethical issues are developed throughout the course.
- Intellectual skills are developed through the teaching and learning course. B1-B3 are developed through discussion in class, both staff and student led, and essay and report writing coursework that makes greater demands upon students as they progress through the levels of study. B4 is acquired and developed through project work at Levels 5 and 6. B5 is acquired by completing the Research Project on Level 6 of the course. Research skills are introduced in a short lecture course and each student is supervised by a member of academic staff.
- C1 is developed through coursework and project work at Levels 5 and 6. C2 is expected ti have been acquired on entry to the course as students will be starting at Level 5. C3 is taught at Levels 5 and 6 and developed through classroom workshop exercises and coursework. C4 is developed through tutoring in computer laboratories, supported by help sheets and developed through application in coursework work.
- D1, D3 and D4 are developed, in a construction context, throughout the course. Communication skills are developed throughout the course through classroom discussion, individual and group presentations, essay and report writing. D2 is developed in application to construction related problems at Levels 5 and 6. Library and Information Services staff are involved in teaching ICT skills. There is online access to help and self-teach packages. Group work at all levels develops teamwork skills. D5 is learnt rather than taught through students managing their time to meet coursework deadlines. D6 is acquired throughout the course and is supported by direction and guidance provided in module guides.
- indicate the importance and volume of independent learning required (including the workload involved in studying on the course);
- inform students about subject-related and generic resources, e.g. libraries, laboratories, studios;
- provide an overview of learning support (opening hours and access will be especially relevant for part-time students); and
- provide information about staff who teach on the course (e.g. if postgraduate students might be teaching, the types of class they will teach and whether the training has been provided).

Information on the virtual learning environment and blended learning.

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D. Assessment

- Assessment involves a combination of unseen examinations, in-course tests, essays, reports, analytical exercises, use of software applications, seminar presentations, individual and group project work.
- B1-B4 are assessed through the wide variety of assessment methods already referred to.
 Assessment of B4 often involves project work that simulates problems that students will encounter in industry, may involve teamwork and culminates in the submission of a report. B5 is assessed by the Level 6 Research Project.
- All practical skills are assessed through coursework and project work.
- Communication skills are assessed through all means of assessment already mentioned. D2 is assessed in coursework, project work and examinations in modules at Levels 5 and 6. D3 is assessed through its application to coursework and project work. Teamwork is assessed in group project work. D5 and D6 are implicitly assessed by all forms of assessment.
- [inform students about the availability/definition of formative assessment; and
- provide an overview of summative assessment (the types of assessment used by the course, the percentage of assessment by coursework and the frequency of assessment)].
- Indication about progression e.g. must pass all modules

Gateway Preparation Module

The Gateway is the entry point to End-Point Assessment (EPA). It is the point at which the apprentice has completed their learning, met the requirements of the standard, off-the-job (OJT) training (6 hours per week), and that they, alongside their employer and LSBU agree that they are ready to enter their EPA.

The Gateway Preparation module is a pass / fail, zero credit module designed to support apprentices to identify and work towards meeting the Gateway criteria from an early stage in their apprenticeship, particularly those that sit outside of an academic qualification. The module will be completed each year throughout the duration of the apprenticeship up to passing the Gateway. A minimum record of 8% of OJT, contributing towards the final total of 6 hours per week is required to pass the module in each year.

IMPORTANT: Evidence of meeting the ALL knowledge, skills and behaviour detailed in the IfATE Standard Assessment Plan, must be covered in the e-portfolio prior to the final Gateway review i.e. apprentices must address each KSB on their respective apprenticeship standard with appropriate workplace evidence.

End-Point Assessment (EPA) (Completion) Module

End-point assessment (EPA) is the final stage of an apprenticeship and must be completed after the apprentice successfully passes through Gateway. It is an assessment of whether the apprentice has developed the skills, knowledge and behaviours outlined in the apprenticeship standard.

The End Point Assessment (Confirmation) module is a pass/fail, zero-credit module that facilitates achievement and progress of the non-integrated End Point Assessment. It is assessed and confirmed

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by the End Point Assessment Organisation (EPAO) as set out in the assessment plan for the standard. The grade is confirmed by the EPOA.

E. Academic Regulations

The University's Academic Regulations apply for this course. Any course specific protocols will be identified here.

https://www.lsbu.ac.uk/about-us/policies-regulations-procedures

F. Entry Requirements

HNC in related subject with merit grade

Level 4 Apprenticeship in relevant subject or:

Equivalent level 4 qualification

Applicants must hold 5 GCSEs A-C including Maths and English or equivalent

On application we will also ask applicants to complete a skills scan against the knowledge, skills and behaviours in the apprenticeship standard to assess eligibility for funding.

G. Course structure(s)

Course overview

The course is delivered on a semester pattern at LSBU, each semester being 15 weeks in duration. Students study six modules at each level.

The course duration is three years, part-time, taught one day per week over six semesters with two or three modules being taught in each semester. Final completion of the apprenticeship is subject to successful completion of the End Point Assessment.

A University credit is the equivalent of 200 student study hours. Each module is a self-contained part of the course of study and normally carries a single credit value.

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BSc (Hons) Construction Management - Part time

	Semester 1		Semester 2							
Year 1	BEA_5_537 Construction and Property Law	20	EBB_5_230 Management of Organisation	20						
	EBB_5_140 Production management	20	EBB_5_050 Measurement 1 & Documentation	20						
		Gatewa	y Preparation (0 Credit)							
Year 2	EBB_6_060 Contract Administration (non QS)	20	EBB_5_050 Construction Planning	20						
	EBB_5_090 Estimating and Tendering Process	20	EBB_6_020 Project Management	20						
		Gatewa	y Preparation (0 Credit)							
Year 3	EBB_6_070 Sustainable Construction and the Environment	20	EBB_6_090 Construction Management Project	20						
	EBB_6_010 Research Project	20	EBB_6_040 Corporate Management and Finance	20						
		Gatewa	y Preparation (0 Credit)							
		End Point Ass	sessment (0 Credit)							

Link to Apprenticeship Standard:

https://www.instituteforapprenticeships.org/apprenticeship-standards/construction-site-management-degree/

Link to Assessment Plan:

https://www.instituteforapprenticeships.org/media/3440/st0047 construction site manageme nt -l6 ap for publication 02092019.pdf

As part of the assessment plan all apprentices must complete the following additional qualifications prior to reaching gateway:

Site Safety Plus Site Managers Safety Training Scheme Site Environmental Awareness Training Scheme

The School will make arrangements for all apprentices on the course to complete these qualifications following the completion of year 2 of the academic course. This will ensure that

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should anyone need to retake there is sufficient time prior to reaching gateway. The School will arrange for a suitable training provider to undertake these assessments.

Placements information

All apprentices will be employed in relevant employment related to the apprenticeship standard for the duration of the course.

H. Course Modules

[Provide information on:

- core and optional modules;
- the circumstances when optional modules may not run; and
- how and when students will be informed if optional modules are changed]

Module Code	Module Title	Level	Semester	Credit value	Assessment
EBB-5-050	Measurement 1 and Documentation	5	1	20	Individual assessment and in class timed assessment
BEA_5_537	Construction and Property Law	5	1	20	Coursework (two components)
EBB-5-090	Estimating and Tendering Process	5	2	20	Project and in class test
EBB-5-140	Production Management	5	1	20	Report, presentation and case study
EBB-5-050	Construction Planning	5	2	20	Various exercises
EBB-5-230	Management of Organisation	5	2	20	Presentation and individual case study
CPS_5_GW1	Gateway Preparation	5	1 & 2	0	N/A
CPS_5_GW2	Gateway Preparation	5	1 & 2	0	N/A
EBB-6-010	Research Project	6	1	20	Proposal and research project

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EBB-6-020	Project Management	6	2	20	Individual assessment and
					exam
EBB-6-040	Corporate Management and Finance	6	2	20	Coursework (two components)
EBB-6-060	Contract Administration (non QS)	6	1	20	Individual and group coursework and exam
EBB-6-070	Sustainable Construction and the Environment	6	1	20	Group assignment exam
EBB-6-090	Construction Management Project	6		20	Individual report
CPS_6_GW3	Gateway Preparation	6	1 & 2	0	N/A
CPS_6_EPA	End Point Assessment	6		0	N/A

I. Timetable information

netables are normally confirmed one month prior to the start of the course. full time student will attend on multiple days (normally 2-3 days). part time student will attend on one day per week.

J. Costs and financial support

Course related costs

- provide information about other course-related costs (explain what is and what is not included in the tuition fees, e.g. such additional expenses as cost of books or other learning materials, specialist equipment, uniforms, clothing required for work placements, field trips, bench fees).

Tuition fees/financial support/accommodation and living costs

Information on tuition fees/financial support can be found by clicking on the following link: http://www.lsbu.ac.uk/study/undergraduate/fees-and-funding https://www.lsbu.ac.uk/international/fees-and-funding

Information on living costs and accommodation can be found by clicking the following link: https://www.lsbu.ac.uk/student-life/our-campuses/southwark/cost-of-living

List of Appendices

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Appendix A: Curriculum Map

This map provides a design aid to help course teams identify where course outcomes are being developed, taught and assessed within the course. It also provides a checklist for quality assurance purposes and may be used in validation, accreditation and external examining processes. Making the learning outcomes explicit will also help students to monitor their own learning and development as the course progresses.

	Modules			Course outcomes										urse	ou	tcor	nes										
Leve	Title	Code	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	A 1 0	B 1	B 2	B 3	B 4	B 5	C 1	C 2	C 3	C 4	D 1	D 2	D 3	D 4	D 5	D 6
5	Measurement 1 and Documentation	EBB-5-050	D															T D A		T D A		D A	T D A			D A	D
5	Construction and Property Law	BEA_5_537	D			T D A								D								D A				D A	D
5	Estimating and Tendering Process	EBB-5-090	D				T D A		T D			T D A	D			D A				T D A	T D A	D A	D A	D		D A	D
5	Production Management	EBB-5-140	D		T D A			T D A	T D	T D	T D A	D A	D	T D A	T D A	D		T D		T D A		D A		D		D A	D
5	Construction Planning	EBB-5-050	D					T D A	T D A	T D	T D A	D A	D	T D A	T D A	D		T D		T D A	T D A	D A		D		D A	D
5	Management of Organisation	EBB-5-230	D				T D A		T D A		T D	T D A	D	T D A	T D A							D A		D		D A	D
6	Research Project	EBB-6-010	D			D A						T D A	D	T D A		D A	T D A					D A	T D A	D		D A	D A

6	Project Management	EBB-6-020	D		T D A	T D	T D	T D		D	T D A	T D A				T D A	T D	D A		D	D A	D
6	Corporate Management and Finance	EBB-6-040	D		T D A	T D			T D	D	T D A		D A			T D A		D A	T D A	D	D A	D
6	Contract Administration (non QS)	EBB-6-060	D		T D A				T D	D	T D A		D A			T D A		D A		D	D A	D
6	Sustainable Construction and the Environment	EBB-6-070	D	T D A			T D			T D A	T D A						T D	D A		D	D A	D
6	Construction Management Project	EBB-6-090	D							T D A	D A		D A	T D A				D A		D	D A	D A

Appendix B: Terminology

[Please provide a selection of definitions according to your own course and context to help prospective students who may not be familiar with terms used in higher education. Some examples are listed below]

awarding body	a UK higher education provider (typically a university) with the power to award higher education qualifications such as degrees
bursary	a financial award made to students to support their studies; sometimes used interchangeably with 'scholarship'
collaborative provision	a formal arrangement between a degree-awarding body and a partner organisation, allowing for the latter to provide higher education on behalf of the former
compulsory module	a module that students are required to take
contact hours	the time allocated to direct contact between a student and a member of staff through, for example, timetabled lectures, seminars and tutorials
coursework	student work that contributes towards the final result but is not assessed by written examination
current students	students enrolled on a course who have not yet completed their studies or been awarded their qualification
delivery organisation	an organisation that delivers learning opportunities on behalf of a degree-awarding body
distance-learning course	a course of study that does not involve face-to-face contact between students and tutors
extracurricular	activities undertaken by students outside their studies
feedback (on assessment)	advice to students following their completion of a piece of assessed or examined work
formative assessment	a type of assessment designed to help students learn more effectively, to progress in their studies and to prepare for summative assessment; formative assessment does not contribute to the final mark, grade or class of degree awarded to students

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higher education provider	organisations that deliver higher education
independent learning	learning that occurs outside the classroom that might include preparation for scheduled sessions, follow-up work, wider reading or practice, completion of assessment tasks, or revision
intensity of study	the time taken to complete a part-time course compared to the equivalent full-time version: for example, half-time study would equate to 0.5 intensity of study
lecture	a presentation or talk on a particular topic; in general lectures involve larger groups of students than seminars and tutorials
learning zone	a flexible student space that supports independent and social earning
material information	information students need to make an informed decision, such as about what and where to study
mode of study	different ways of studying, such as full-time, part-time, e-learning or work-based learning
modular course	a course delivered using modules
module	a self-contained, formally structured unit of study, with a coherent and explicit set of learning outcomes and assessment criteria; some providers use the word 'course' or 'course unit' to refer to individual modules
national teaching fellowship	a national award for individuals who have made an outstanding impact on student learning and the teaching profession
navigability (of websites)	the ease with which users can obtain the information they require from a website
optional module	a module or course unit that students choose to take
performance (examinations)	a type of examination used in performance- based subjects such as drama and music
professional body	an organisation that oversees the activities of a particular profession and represents the interests of its members
prospective student	those applying or considering applying for any programme, at any level and employing any mode of study, with a higher education provider

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regulated course	a course that is regulated by a regulatory body
regulatory body	an organisation recognised by government as being responsible for the regulation or approval of a particular range of issues and activities
scholarship	a type of bursary that recognises academic achievement and potential, and which is sometimes used interchangeably with 'bursary'
semester	either of the parts of an academic year that is divided into two for purposes of teaching and assessment (in contrast to division into terms)
seminar	seminars generally involve smaller numbers than lectures and enable students to engage in discussion of a particular topic and/or to explore it in more detail than might be covered in a lecture
summative assessment	formal assessment of students' work, contributing to the final result
term	any of the parts of an academic year that is divided into three or more for purposes of teaching and assessment (in contrast to division into semesters)
total study time	the total time required to study a module, unit or course, including all class contact, independent learning, revision and assessment
tutorial	one-to-one or small group supervision, feedback or detailed discussion on a particular topic or project
work/study placement	a planned period of experience outside the institution (for example, in a workplace or at another higher education institution) to help students develop particular skills, knowledge or understanding as part of their course
workload	see 'total study time'
written examination	a question or set of questions relating to a particular area of study to which candidates write answers usually (but not always) under timed conditions

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Appendix C: Mapping of Knowledge, Skills and Behaviours against Apprenticeship Standard for Construction Site Management Degree Apprenticeship

		BSc Construction Management												
		Work Based Log Book	Measurement 1 and Documentation	Construction Contract Law	Estimating and Tendering Process	Production Management	Construction Planning	Management of Organisation	Research Project	Project	Corporate Management and Finance	Contract Administration (non QS)	Sustainable Construction and the Environment	Construction Management
Knowledge	What is Required													
Sustainability	Understand the environmental impact of construction activities and how to minimise negative impacts during all stages of the project	X											X	
The Construction Environment	Review threats and opportunities for the construction industry and appraise and evaluate the influence of current legal, political and social issues on the industry.	X		X				X						
Construction Management	Understand the project management cycle including the planning, budgeting, project funding and payment processes so as to lead to effective project delivery.	X			Х	Х	Х			Х	Х	Х		X
Construction Technology	Demonstrate knowledge and understanding of the construction process and of the materials and technology that comprise best practice	X			Х	Х	Х							
Safe Systems of Work	Understand obligations for Health, Safety and Welfare issues on site, how to identify potential hazards and manage the risks	X				X		X						
Site Management	Apply knowledge of the construction process to the examination and selection of procurement processes. Evaluate different leadership styles in relation to particular projects.	Х			Х	Х	Х	Х		Х	X			X

Quality	Demonstrate knowledge of common defects in buildings and understand quality required	Х											
Skills													
Planning and Organising Work	Be able to set and review objectives, identify resources and their limitations and plan activities and work methods to ensure project completion on time	X	X		X	X	X		X	X			
Health, Safety and welfare	Be able to identify and manage risks of health, safety and welfare in line with legislation, hazards and safe systems of work	X						X					
Manage Quality	Be able to identify the standards required by clients and other stakeholders and implement effective procedures for managing, recording and improving quality.	X						X	X	X			
Implement Sustainable Construction	Be able to manage construction activities in a way that contributes to sustainable development and implements best practice	Х					X						
Commercial, Contractual and Legal Issues	Be able to manage legal and contractual matters relating to the site and work within commercial and legal constraints to ensure effective project outcomes	X		X	X					X			
Make Effective Decisions	Be able to investigate problems, causes and effects and determine solutions.	Х											
Manage Information	Be able to identify, obtain and process information required to manage projects	Х								Х	X		
Lead Commercial Strategy	Be able to manage risk and plan for its mitigation to minimise its impact	Х											
Develop People and Teams	Be able to manage and appraise team members and specialist contractors, build teams, advise on development and resolve conflicts to ensure effective teamwork	X						X					
Demonstrate Innovation	Be able to identify areas for improvement, and implement innovative solutions	Х							Х	Х			

Site Management	Be able to effectively manage and supervise specialist contractors and operatives during the construction phase	X						X		X	X			
Quality	Be able to identify and rectify common defects in construction activities	Х												
Behaviours														
Exercise Professional Judgement	Be able to work within own level of competence and know when to seek advice from others and when to be able to advise clients.	X						X		X	X			
Commitment to Code of Ethics	Work within a PCI's rules and regulations of professional competence and conduct and demonstrate integrity and professionalism in all activities.	X						X						
Communicate Effectively	Be able to plan and manage effective meetings, present information to a variety of audiences and demonstrate effective interpersonal skills.	Х	X	Х	X	Х	Х	X	Х	Х	Х	Х	Х	Х
Maintain CPD	Identify own development needs and take appropriate action to meet those needs.	Х												