

Level 1 Certificate in Basic Construction Skills

Qualification Specification

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Contents

	Page
Introduction	3
Qualification profile	4
Qualification structure	5
Centre requirements	7
Support for candidates	7
Assessment	8
Internal quality assurance	8
Adjustments to assessment	9
Results enquiries and appeals	9
Certification	9
Learning outcomes and assessment criteria	10

Introduction

The **ProQual Level 1 Certificate in Basic Construction Skills** provides an introduction to the construction industry, it is appropriate for individuals of any age. It is also appropriate for learners interested in learning more about construction jobs like plumbing, painting and decorating, carpentry and plastering

The awarding body for this qualification is ProQual Awarding Body and the regulatory body is the Office of Qualifications and Examinations Regulation (Ofqual). The specification for these qualifications has been approved by the Welsh Government for use by centres in Wales and by the Council for the Curriculum Examinations and Assessment (CCEA) for use by centres in Northern Ireland.

The qualification has been accredited onto the Regulated Qualifications Framework (RQF).

Qualification Profile

Qualification title	ProQual Level 1 Certificate in Basic Construction Skills
Ofqual qualification number	601/1858/1
Level	Level 1
Total qualification time	129 hours
Guided learning hours	104
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	01/11/13
Qualification end date	

Entry Requirements

There are no formal entry requirements for this qualification.

Centres should carry out an **initial assessment** of candidate skills and knowledge to identify any gaps and help plan the assessment.

Qualification Structure

Candidates must achieve a minimum of 13 credits from any combination of units. A minimum of 8 credits must be achieved at Level 1.

Units				
Unit Reference Number	Unit Title	Unit Level	Credit Value	GLH
A/602/1314	Introducing finishing skills	Entry 3	2	20
D/602/1323	Introducing brickwork skills	Entry 3	2	20
J/602/1638	Introducing bench joinery skills	Entry 3	2	20
K/602/1308	Introducing rain water goods	Entry 3	2	15
L/602/1317	Introducing levelling in construction	Entry 3	2	15
L/602/1320	Introducing pipework skills	Entry 3	2	20
R/602/1304	Introducing cabinet making skills	Entry 3	2	18
T/602/1635	Introducing site carpentry skills	Entry 3	2	19
Y/602/1322	Introducing paint finishing skills	Entry 3	2	16
A/602/1328	Developing site carpentry skills	1	4	32
A/602/1362	Developing blockwork skills	1	4	33
D/602/1354	Developing quoin skills	1	4	36
F/602/1363	Developing rendering skills	1	4	32
H/602/1341	Developing hand plane skills	1	4	36
J/602/1333	Developing cabinet making skills	1	4	34
J/602/1350	Developing brickwork skills	1	4	34
J/602/1364	Developing plastering skills	1	4	32
K/602/1339	Developing hand tool maintenance skills	1	4	32
K/602/1356	Developing paint finishing skills	1	4	36
L/602/1334	Developing flooring skills	1	4	36
L/602/1348	Developing skills in fitted interiors	1	4	32
M/602/1343	Developing pipework skills	1	4	32
M/602/1357	Developing surface preparation skills	1	4	36
M/602/1360	Developing hardwood finishing skills	1	4	35
T/602/1330	Developing bench joinery skills	1	4	37

Units				
Unit Reference Number	Unit Title	Unit Level	Credit Value	GLH
T/602/1358	Developing papering skills	1	4	34
T/602/2056	Developing tiling skills	1	4	36
Y/602/1336	Developing partitioning skills	1	4	34
D/602/1337	Expanding cabinet making skills	2	1	10
D/602/2665	Expanding plastering skills	2	1	10
H/602/1310	Expanding paint finishing skills	2	1	10
L/602/1365	Expanding site carpentry skills	2	1	10
L/602/2662	Expanding rendering skills	2	1	10
R/602/1321	Expanding brickwork skills	2	1	10
A/505/6814	Expanding pipework skills	2	1	10
R/602/1349	Expanding bench joinery skills	2	1	10

Centre Requirements

Centres must be approved to offer this qualification. If your centre is not approved please complete and submit form **ProQual Additional Qualification Approval Application**.

Staff

Staff delivering this qualification must be appropriately qualified and/or occupationally competent.

Assessors/Internal Quality Assurance

For each competence-based unit centres must be able to provide at least one assessor and one internal verifier who are suitably qualified for the specific occupational area. Assessors and internal verifiers for competence-based units or qualifications will normally need to hold appropriate assessor or verifier qualifications, such as:

- Award in Assessing Competence in the Work Environment
- Award in Assessing Vocationally Related Achievement
- Certificate in Assessing Vocational Achievement
- Award in the Internal Quality Assurance of Assessment Processes and Practices
- Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practices

Support for Candidates

Materials produced by centres to support candidates should:

- enable them to track their achievements as they progress through the learning outcomes and assessment criteria;
- provide information on where ProQual's policies and procedures can be viewed;
- provide a means of enabling Internal and External Quality Assurance staff to authenticate evidence

Assessment

This qualification is competence-based, candidates must demonstrate the level of competence described in the units. Assessment is the process of measuring a candidate's skill, knowledge and understanding against the standards set in the qualification.

The qualification must be assessed in line with the Justice Sector Qualifications Strategy and must be internally assessed by an appropriately experienced and qualified assessor.

Each candidate is required to produce a portfolio of evidence which demonstrates their achievement of all of the learning outcomes and assessment criteria for each unit.

Evidence can include:

- observation report by assessor
- assignments/projects/reports
- professional discussion
- witness testimony
- candidate product
- worksheets
- record of oral and written questioning
- Recognition of Prior Learning

Learning outcomes set out what a candidate is expected to know, understand or be able to do.

Assessment criteria specify the standard a candidate must meet to show the learning outcome has been achieved.

Learning outcomes and assessment criteria for this qualification can be found from page 10

Internal Quality Assurance

An internal quality assurance verifier confirms that assessment decisions made in centres are made by competent and qualified assessors, that they are the result of sound and fair assessment practice and that they are recorded accurately and appropriately.

Adjustments to Assessment

Adjustments to standard assessment arrangements are made on the individual needs of candidates. ProQual's Reasonable Adjustments Policy and Special Consideration Policy sets out the steps to follow when implementing reasonable adjustments and special considerations and the service that ProQual provides for some of these arrangements.

Centres should contact ProQual for further information or queries about the contents of the policy.

Results Enquiries and Appeals

All enquiries relating to assessment or other decisions should be dealt with by centres, with reference to ProQual's Enquiries and Appeals Procedures.

Certification

Candidates who achieve the required credits for qualifications will be awarded:

- A certificate listing all units achieved with their related credit value, and
- A certificate giving the full qualification title -

ProQual Level 1 Certificate in Basic Construction Skills

Claiming certificates

Centres may claim certificates for candidates who have been registered with ProQual and who have successfully achieved the required number of credits for a qualification. All certificates will be issued to the centre for successful candidates.

Unit certificates

If a candidate does not achieve all of the units/credits required for a qualification, the centre may claim a unit certificate for the candidate which will list all of the units/credits achieved.

Replacement certificates

If a replacement certificate is required a request must be made to ProQual in writing. Replacement certificates are labelled as such and are only provided when the claim has been authenticated. Refer to the Fee Schedule for details of charges for replacement certificates.

Learning Outcomes and Assessment Criteria Unit A/602/1314 Introducing finishing skills

Lea	rning Outcome - The learner will:	Asses can:	ssment Criterion - The learner
1	know the resources required to remove damaged plasterwork and apply a finish.	1.1	identify the • plastering hand tools • plastering resources • mortar ratio.
2	be able to prepare a background surface.	2.1	use safe working practices to mark out and remove damaged plastered area. clean background surface.
3	be able to mix coatings.	3.1	use safe working practices to • mix the render coat. • mix plaster coat.

Unit D/602/1323 Introducing brickwork skills

Lea	rning Outcome - The learner will:	Assessment Criterion - The learner can:	
1	know the resources required to lay bricks and blocks.	1.1	identify bricklaying • hand tools • resources.
2	be able to joint brick and block work.	2.1	use safe working practices to lay • bed joints • perp joints.
3	be able to lay bricks and blocks.	3.1	use safe working practices to • measure • gauge • level • plumb • range • cut • lay to building line • joint.
4	be able to clean up on completion.	4.1	use safe working practices to clean • tools • equipment

- equipment
- work area.

Unit J/602/1638 Introducing bench joinery skills

Lea	rning Outcome - The learner will:		sment Criterion - The er can:
1	know the resources required to produce basic bench joinery joints.	1.1	identify bench joinery • hand tools • materials.
2	be able to joint timber.	2.1	use safe working practices to • measure • mark out • gauge • cut • use adhesive • assemble • wedge • clean off joints • clean-up work area.

Unit K/602/1308 Introducing rain water goods

Learning Outcome - The learner will:			Assessment Criterion - The learner can:		
1	know the resources required to fix rainwater goods.	1.1	identify • hand tools required to fix rainwater goods • rainwater goods • safe proprietary access equipment.		
2	be able fix rainwater goods.	2.1	use safe working practices to erect proprietary access equipment fix guttering to a fascia 		

• fix downpipe fittings.

Unit L/602/1317 Introducing levelling in construction

Learning Outcome - The learner will:			Assessment Criterion - The learner can:		
1	know the resources required to transfer levels.	1.1	identify the resources.		
2	be able to check the accuracy of levelling equipment.	2.1	check for accuracy • spirit level • straight edge.		
3	be able to transfer levels.	3.1	transfer levels • from a given datum height around a room • across ranging pegs.		

Unit L/602/1320 Introducing pipework skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	know the resources required to produce plastic pipework.	1.1	identify • plumbing hand tools • plastic plumbing resources.
2	be able to produce plastic supply pipework.	2.1	use safe working practices to • form bends using push-fit fittings • form tee joints using push-fit fittings.
3	be able to produce plastic waste pipework.	3.1	use safe working practices to • form bends using push-fit fittings • form tee joints using push-fit fittings.

Unit R/602/1304 Introducing cabinet making skills

Learning Outcome - The learner will:		Assess can:	ment Criterion - The learner
1	know the resources required to produce basic cabinet work.	1.1	identify cabinet making • hand tools • materials.
2	be able to joint timber.	2.1	use safe working practices to • measure • determine joint pitch • mark out • gauge • cut • use adhesive • assemble • clean off joints • clean-up work area.

Unit T/602/1635 Introducing site carpentry skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:		
1	know the resources required to produce basic carpentry joints.	1.1	identify carpentry • hand tools • materials.	
2	be able to joint timber.	2.1	use safe working practices to • measure • mark out • gauge • cut	
			 assemble clean-up work area.	

Unit Y/602/1322 Introducing paint finishing skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	know the resources required to apply paint finish.	1.1	identify the resources required toaccess surfacesprepare surfacespaint surfaces.
2	be able prepare surfaces and work area.	2.1	use safe working practices to • erect proprietary access equipment • prepare work area • prepare surfaces • display appropriate signs.
3	be able to apply paint.	3.1	use safe working practices to apply paint using • brush • rollers.
		3.2	display appropriate signs on completion.
4	be able to clean up on completion.	4.1	use safe working practices to clean • tools • equipment • work area.

Unit A/602/1328 Developing site carpentry skills

Lea	rning Outcome - The learner will:	Asses can:	sment Criterion - The learner
1	know the site carpentry operations included in second fixing.	1.1	list four second fixing operations.
2	know the resources required to fix mouldings.	2.1	identify • tools • materials.

Unit A/602/1362 Developing blockwork skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:		
1	know the resources required to lay blocks.	1.1	identify blocklaying • hand tools • resources.	
2	be able to lay blocks.	2.1	use safe working practices to • measure • cut • gauge • level • plumb • range • build square • form opening • install vertical damp proof course • install vertical damp proof course • install insulation • install wall ties • form stopped ends • lay to building line • position lintel • joint.	
3	be able to clean up on completion.	3.1	use safe working practices to clean tools 	

- equipment
- work area.

Unit D/602/1354 Developing quoin skills

Learning Outcome - The learner will:		Asses	sment Criterion - The learner can:
1	know the resources required to lay bricks and blocks.	1.1	identify bricklaying • hand tools • resources.
2	be able to mark a square corner.	2.1	Use safe working practices to establish a right angled quoin.
3	be able to dry bond quoins.	3.1	use safe working practices to dry bond brick and block quoins to a • half-brick thick wall • one-brick thick wall.
4	be able to build quoins.	4.1	use safe working practices to build brick and block quoins and maintain • bond • gauge • level • plumb • ranging • square.

Unit F/602/1363 Developing rendering skills

Lea	rning Outcome - The learner will:	Asses can:	ssment Criterion - The learner
1	know the resources required to render blockwork.	1.1	identify the renderinghand toolsresourcesmortar ratio.
2	be able to prepare a background surface.	2.1	Use safe working practices toclean background surface.apply corner beads.
3	be able to apply coatings.	3.1	use safe working practices to • mix render • apply background render coat • apply finish render coat.
4	be able to clean up on completion.	4.1	use safe working practices to clean • tools • equipment • work area.

Unit H/602/1341 Developing hand plane skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:		
1	know the hand tools required to plane timber.	1.1	identify • types of hand planes • parts of hand planes.	
2	be able to plane timber.	2.1	use safe working practices to • sharpen plane irons • produce planed all round timber • produce shaped components, including curved, tapered, chamfered and rebated edges.	

Unit J/602/1333 Developing cabinet making skills

Lea	rning Outcome - The learner will:	Asses can:	sment Criterion - The learner
1	know the resources required to produce a cabinet item.	1.1	identify cabinet making • hand tools • materials.
2	be able to produce a cabinet item.	2.1	use safe working practices to • measure • set out • determine joint pitch • mark out • gauge • square lines • cut • drill (hand tools only) • shape • recess • use adhesive • assemble • clean off joints • clean-up work area.

Unit J/602/1350 Developing brickwork skills

Lea	rning Outcome - The learner will:	Asses can:	ssment Criterion - The learner
1	know the resources required to lay bricks and blocks.	1.1	identify bricklaying • hand tools • resources.
2	be able to joint brick and block work.	2.1	use safe working practices to lay • bed joints • perp joints.
3	be able to lay bricks and blocks.	3.1	use safe working practices to • measure • gauge • level • plumb • range • build square • cut • install damp proof courses • install ventilation • install insulation • install wall ties • form stopped ends • lay to building line • joint.
4	be able to clean up on completion.	4.1	use safe working practices to clean • tools • equipment • work area.

Unit J/602/1364 Developing plastering skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	know the resources required to apply plaster.	•	dentify the plastering hand tools resources.
2	be able to prepare a background surface.	•	use safe working practices to clean background surface. apply corner beads.
3	be able to apply plaster coats.	•	use safe working practices to mix plaster apply background plaster coat apply setting coat apply finish coat.
4	be able to clean up on completion.	•	use safe working practices to clean tools equipment work area.

Unit K/602/1339 Developing hand tool maintenance skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	be able to identify tools that require maintenance.	1.1	identifyhand toolsparts of hand tools requiring maintenance.
2	be able to maintain hand tools.	2.1	use safe working practices to • strip down • hone • sharpen • set • file • replace • repair • deburr • clean • lubricate • re-assemble • adjust.

Unit K/602/1356 Developing paint finishing skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:		
1	know the resources required apply paint finishes.	1.1	identify painting • hand tools • resources.	
2	be able to prepare work area.	2.1	Use safe working practices to protect surrounding area from damage prepare surfaces. 	
3	be able to apply paint.	3.1	Use safe working practices to apply • primer • undercoat • finish coat.	
		3.2	display appropriate signs on completion.	
4	be able to clean up on completion.	4.1	use safe working practices to clean • tools • equipment • work area.	

Unit L/602/1334 Developing flooring skills

- 1 know the terms used in flooring.
- 2 know the resources required to carry out flooring operations.
- ³ be able to produce flooring joints.

Assessment Criterion - The learner can:

- 1.1 identify flooring terms.
- 2.1 identify flooring
 - tools
 - materials.
- 3.1 use safe working practices to
 - measure
 - mark out
 - determine joint pitch
 - determine joint ratios
 - cut
 - recess
 - assemble
 - wedge
 - nail
 - clean-up work area on completion.

Unit L/602/1348 Developing skills in fitted interiors

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	know the resources required to fit interiors.	1.1	identify • hand tools • materials.
2	be able fit interiors.	2.1	use safe working practices to • measure • assemble • position • bend pipes • form joints • level • plumb • install.

Unit M/602/1343 Developing pipework skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	know the resources required to produce copper pipework.	1.1	identify • plumbing hand tools • copper plumbing resources.
2	be able to produce copper pipework.	2.1	use safe working practices to • form pulled bends • produce bends using compression fittings • produce tee joints using compression fittings • produce reducing joints • apply proprietary sealant.

Unit M/602/1357 Developing surface preparation skills

Lea	rning Outcome - The learner will:	Asses can:	Assessment Criterion - The learner can:	
1	know the resources required for surface preparation.	1.1	identify the required • tools • resources.	
2	be able prepare surfaces and work area.	2.1	use safe working practices to • erect proprietary access equipment • prepare work area • prepare surfaces • display appropriate signs.	
3	be able to apply background paper.	3.1	Use safe working practices to • measure • cut • paste • apply horizontally • trim	

• seam roll.

Unit M/602/1360 Developing hardwood finishing skills

Learning Outcome - The learner will:		Asses	essment Criterion - The learner can:	
1	know the resources required to apply hardwood finishes.	1.1	identify the required • tools • resources.	
2	be able to apply hardwood finishes.	2.1	use safe working practices to apply the following to pre-prepared hardwood surfaces • oil • stain • varnish • French polish • wax.	

Unit T/602/1330 Developing bench joinery skills

Learning Outcome - The learner will:			Assessment Criterion - The learner can:	
1	know the resources required to produce a panelled joinery product.	1.1	identify the • tools • materials.	
2	be able to mark out timber to produce a panelled joinery product.	2.1	use safe working practices to • determine face marks • measure • mark out • square lines around • gauge.	
3	be able to produce a panelled joinery product.	3.1	use safe working practices to • cut joints • produce grooves • apply adhesive • assemble • square up • wedge joints • clean off joints • clean-up work area.	

Unit T/602/1358 Developing papering skills

Learning Outcome - The learner will:		Asses can:	Assessment Criterion - The learner can:		
1	know the resources required for surface preparation.	1.1	 identify the required tools resources. 		
2	be able prepare surfaces and work area.	2.1	use safe working practice to erect proprietary access equipment prepare work area prepare surfaces display appropriate signs. 		
3	be able to apply decorative wall paper.	3.1	Use safe working practices to • plumb • match • measure • cut • paste • apply vertically • align as required • trim • seam roll • remove excess adhesive		

• clean-up on completion.

Unit T/602/2056 Developing tiling skills

Learning Outcome - The learner will:		Asses	sment Criterion - The learner can:
1	know the resources required to fix tiling.	1.1	identify tiling • hand tools • resources.
2	be able to prepare the work area	2.1	use safe working practices to protect surrounding area from damage prepare surfaces
3	be able fix tiles.	3.1	use safe working practices to • set out • measure • cut • mix • fix • grout • clean-up work area on completion.

Unit Y/602/1336 **Developing partitioning skills**

Learning Outcome - The learner will:		can:	
1	know the terms used in partitioning.	1.1	identify partitionin
2	know the resources required to carry out partitioning.	2.1	identify • tools • materials.

3 be able to produce and assemble a portion of studwork partition.

Assessment Criterion - The learner

- ng terms.
- 3.1 use safe working practices to
 - measure
 - mark out
 - determine joint pitch
 - cut
 - notch
 - recess
 - assemble
 - nail
 - wedge
 - clean-up work area on completion.

Unit D/602/1337 Expanding cabinet making skills

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 be able to mark out timber to produce cabinet item.	 1.1 use safe working practices to determine face marks measure determine joint pitch mark out square lines gauge.

Unit D/602/2665 Expanding Plastering Skills

Learning Outcome - The learner will:		Asses	sment Criterion - The learner can:
1	be able to apply plasterboard for dry lining	1.1	use safe working practices to • prepare background surface • measure • cut • mix adhesive • apply adhesive • fix plasterboard.
2	be able to apply finish coat	2.1	use safe working practices to • measure • cut • fix beads • apply joint reinforcement • mix • apply finish coat.

Unit H/602/1310 Expanding paint finishing skills

Lea	rning Outcome - The learner will:	Asse	ssment Criterion - The learner can:
1	be able to prepare work area.	1.1	use safe working practices to protect surrounding area from damage prepare surfaces.
2	be able to apply paint to a panelled joinery product.	2.1	use safe working practices to • apply primer coat • mask up • cut in • apply undercoats • prepare for finish coats • apply finish coats.
		2.2	display appropriate signs on completion.
3	be able to clean up on completion.	3.1	use safe working practices to clean • tools • equipment • work area.

Unit L/602/1365 Expanding site carpentry skills

Learning Outcome - The learner will:		Asse	ssment Criterion - The learner can:
1	be able to determine a rafter length.	1.1	determine a rafter length using one of the following methods • steel square • full size setting out.
2	be able to produce a rafter.	2.1	use safe working practices to • measure • mark out • cut joints • clean-up work area after completion.

Unit L/602/2662 Expanding Rendering Skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:		
1	be able to fix stop/bell cast beads	1.1	Use safe working practices to • select • measure • cut • level • fix.	
2	be able to render to stop/bell cast beads.	2.1	Use safe working practices to apply filler coat finish coat. 	

Unit R/602/1321 Expanding brickwork skills

Learning Outcome - The learner will:		Asses	sment Criterion - The learner can:
1	be able to lay bricks and blocks.	1.1	use safe working practices to • set out • measure diagonals
			gaugelevelplumb
			 range build square cut
			install a damp proof courseinstall a cavity closure
			 install ventilation install insulation install wall ties
			 form stopped ends lay to building line
			 position lintel joint.
2	be able to clean up on completion.	2.1	use safe working practices to clean • tools • equipment • work area.

Unit A/505/6814 Expanding pipework skills

Learning Outcome - The learner will:	Assessment Criterion - The learner can:		
be able to produce copper pipework	 1.1 Use safe working practice to measure pipework form pulled bends clean joint components apply proprietary cleaning paste produce bends using capillary fittings produce tee joints using capillary fittings produce joints using reducing fittings position and clip 		

Unit R/602/1349 Expanding bench joinery skills

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	be able to mark out timber to produce a joinery product.	1.1	use safe working practices to • determine face marks • measure • mark out • square lines • gauge.
2	be able to produce a joinery product.	2.1	use safe working practices to • cut joint with splayed shoulder • run grooves • run rebates • apply adhesive • assemble • square up • wedge joints • clean off joints • clean-up work area.



ProQual Awarding Body ProQual House Annie Med Lane South Cave HU15 2HG

> Tel: 01482 333850 Fax: 01482 333859

www.proqualab.com

enquiries@proqualab.com