

ECITB Level 3 Diploma in Cost Engineering Practice Course Brochure and Competency Matrix

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1. Course description

Course name: ECITB Level 3 Diploma in Cost Engineering – Preparation Training.

The ECITB Level 3 Diploma in Cost Engineering Practice is a QCF qualification which has been designed to assess and verify your understanding, knowledge and skills in cost engineering activities in the engineering construction industry.

2. Course development

This course is prepared by the industry experts who helped Governmental and professional bodies to draft their national standards and certifications.

This course covers application of IT and quality management systems, risk analysis, scheduling, progress measuring methods, cost and progress control, profit and revenue, trending and trend forecasting, cost and change control, budgets, change orders and document control.

3. Certifications offered by professional bodies

This qualification provides you with opportunities to progress into further learning and employment within the engineering construction industry in the areas of project control, cost engineering, estimating or planning. The achievement of this qualification will prepare you for progression to the following qualifications at Level 5:

- ▶ ECITB Level 3 Diploma in Cost Engineering Practice
- ▶ ECITB Level 5 Diploma in Project Control Practice
- ▶ ECITB Level 5 Diploma in Planning Practice

4. Eligibility Requirements

- ▶ There are no age or formal entry requirements that you are required to take for this qualification.

Ref. #	Unit Title
PC-UA 84	Apply information technology (IT) to cost engineering. Credits: 10
PC-UA 4	Monitor risks, opportunities and uncertainties and review contingencies in the area of Project Control, Estimating, Planning, Cost Engineering or Commercial Support. Credits: 5
PC-UA 85	Apply the quality management system in relation to cost engineering. Credits: 7
PC-UA 86	Retrieve, record and present cost engineering related information. Credits: 5
PC-UA 14	Develop personal competencies in the professional work role in Project Control, Estimating, Planning, Cost Engineering or Commercial Support. Credits: 2
PC-UA 17	Contribute to effective Project Control, Estimating, Planning, Cost Engineering or Commercial Support relationships. Credits: 3
PC-UA 18	Observe and apply professional Project Control, Estimating, Planning, Cost Engineering or Commercial Support ethics and values. Credits: 2
PC-UA 87	Identify and quantify emerging changes through cost engineering activities. Credits: 7
PC-UA 78	Carry out cost control activities through project control, cost engineering, estimating or planning. Credits: 9
PC-UA 33	Prepare budgets for control purposes through Project Control, Estimating, Planning, Cost Engineering or Commercial Support activities. Credits: 4

OPTIONAL UNITS – candidates must achieve a minimum of TWO units to attain at least 8 credits.

Ref. #	Unit Title
PC-UA 57	Contribute to cost or time savings through Project Control, Estimating, Planning, Cost Engineering or Commercial Support activities during concept and definition phases. Credits: 8
PC-UA 59	Promote and progress production or construction efficiency through Project Control, Estimating, Planning, Cost Engineering or Commercial Support activities. Credits: 8
PC-UA 76	Input to the construction or manufacturing execution plan. Credits: 5
PC-UA 53	Generate and use statistical data for Project Control, Estimating, Planning, Cost Engineering or Commercial Support. Credits: 4
PC-UA 61	Contribute to the use of financial controls and techniques for Project Control, Estimating, Planning, Cost Engineering or Commercial Support. Credits: 3
PC-UA 75	Contribute to commercial activities through project control, cost engineering, estimating or planning activities. Credits: 8

6. Competency Matrix

Coming Soon

Note – Our course brochures are updated on a regular basis for continuous improvement