

## PROFESSIONAL COURSE IN QUANTITY SURVEYING (LEVEL 1)

According to a report of the Associated Chambers of Commerce & Industry of India (ASSOCHAM), construction is projected to become \$120-billion industry. Consequently there is a employment potential of over 90 million skilled people in various professions related to building construction and engineering. India is identified as a rich source of talent in these sectors.

It is in this context that V Institute has launched these courses to meet the projected needs of this booming industry.

We invite the young men and women of this country to train themselves in these areas and be prepared to fill the millions of opportunities that would open up in a short period of time.

### Who is a Quantity Surveyor?

All construction projects have a cost and a budget. The project becomes efficient and profitable when the costs are managed efficiently.

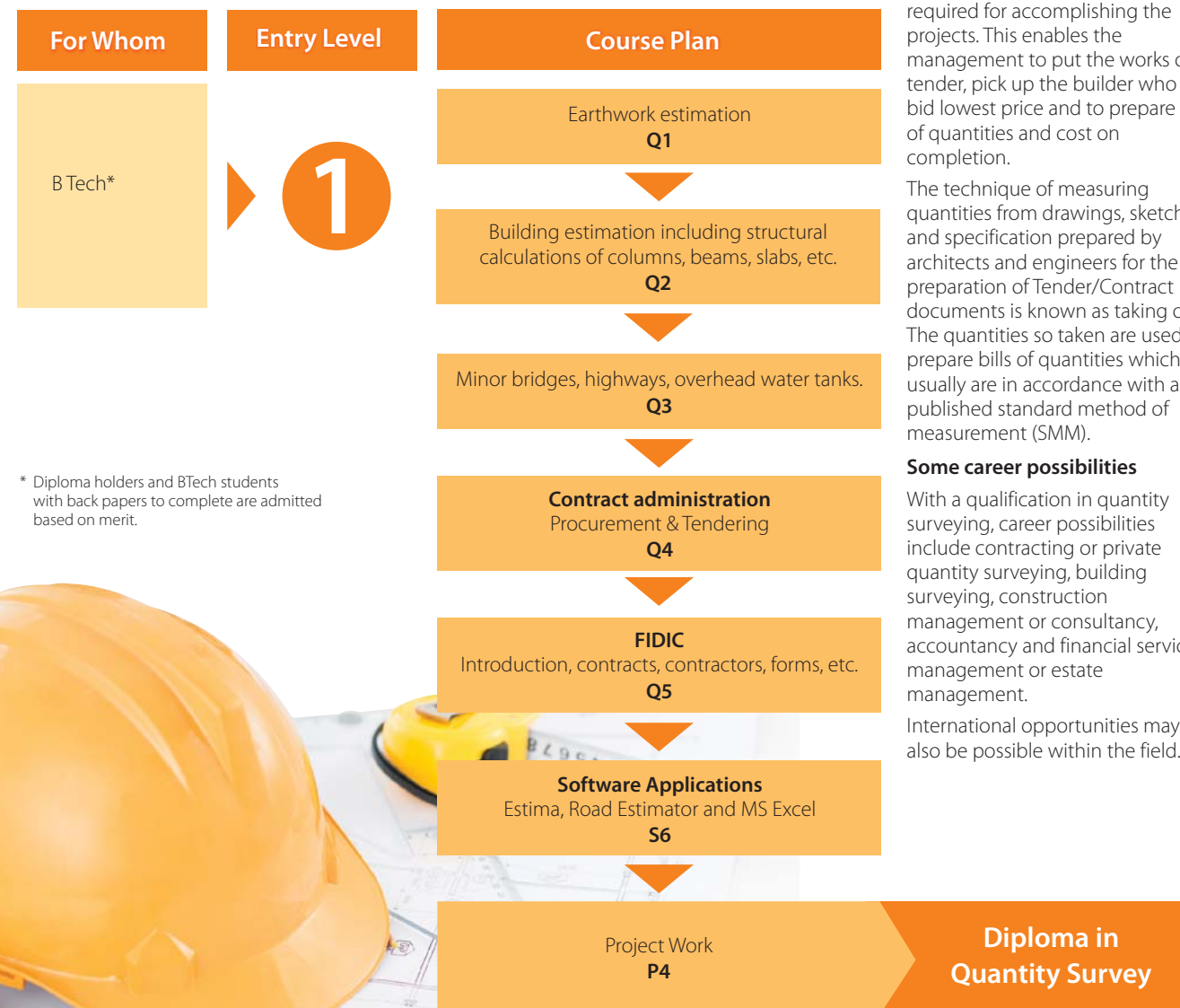
It is in the management of the cost and budget that the role of the Quantity Surveyor becomes relevant and vital. From the moment a plan is drawn until the construction project has been completed, a quantity surveyor is likely to be involved in a legal, technical and financial capacity. He manages and control costs in construction projects which may involve use of a range of management procedures and technical tools to achieve this goal. He prepares standardised schedule of quantities of various works involved, construction materials needed and labour force required for accomplishing the projects. This enables the management to put the works on tender, pick up the builder who bid lowest price and to prepare bill of quantities and cost on completion.

The technique of measuring quantities from drawings, sketches and specification prepared by architects and engineers for the preparation of Tender/Contract documents is known as taking off. The quantities so taken are used to prepare bills of quantities which usually are in accordance with a published standard method of measurement (SMM).

#### Some career possibilities

With a qualification in quantity surveying, career possibilities include contracting or private quantity surveying, building surveying, construction management or consultancy, accountancy and financial services management or estate management.

International opportunities may also be possible within the field.

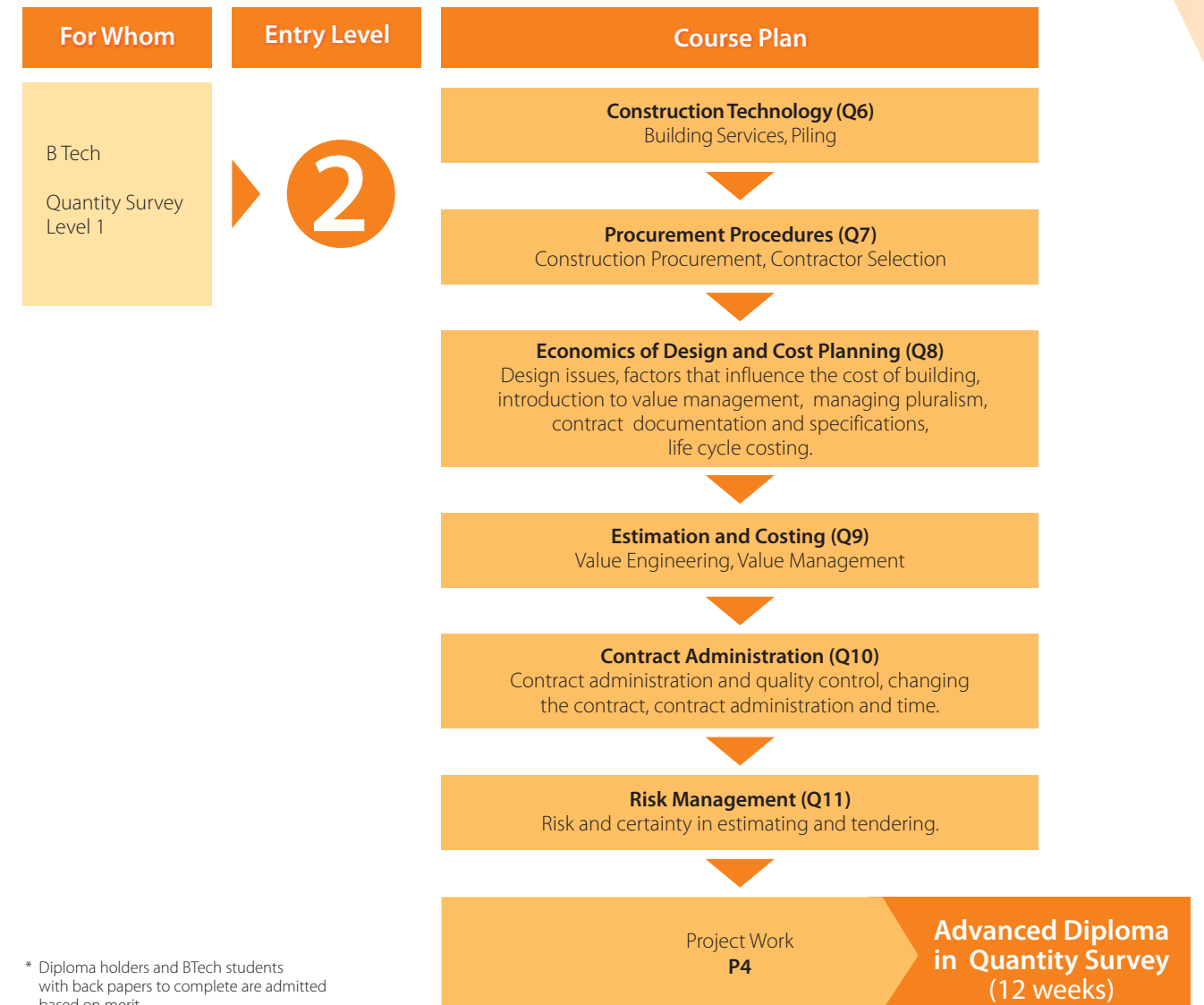


\* Diploma holders and B.Tech students with back papers to complete are admitted based on merit.

## ADVANCED COURSE IN QUANTITY SURVEYING (LEVEL 2)

This course is designed for students who have already completed the basic course in Quantity Survey. The course includes all essential aspects of quantity surveying and covers the following topics:

- Construction Technology, Building Services, Piling
- Procurement Procedures: Construction procurement, contractor selection.
- Economics of Design and Cost Planning: Design issues, factors that influence the cost of building, introduction to value management, contract documentation and specifications, life cycle costing.
- Estimation and costing: Value engineering, value management.
- Contract administration: Contract administration and quality control, changing the contract, contract administration and time.
- Risk Management: Risk and certainty in estimating and tendering.



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