



E-LEARNING

100% online. May include pre-recorded session, live streaming/webinar and discussion forum, where applicable.

1st RUN

Online Learning via Webinar:

- 21 & 28 Sep, 5 Oct 2021:
9am to 4.30pm
- 12 Oct 2021: 9am to 3.30pm

Platform: BCAA Learning Management System (LMS)

Course Assessment:

- 1 Nov 2021: 9am to 5.30pm
(MCQ Test and a Group Project Presentation)

Venue: BCA Braddell Campus

FEES (incl of GST):

- S\$2,050 (without subsidy)
- S\$708.88* (with WTU funding support for eligible local participants)

* For information on the Workforce Training and Upgrading Scheme (WTU), please refer to: <https://www1.bca.gov.sg/buildsg/buildsg-transformation-fund/workforce-training-and-upgrading-scheme-wtu>

ENTRY REQUIREMENTS

The applicant must possess a Degree or Diploma which is relevant to construction industry and relevant work experience.

CPD POINTS

BOA-SIA: -

PEB: -

SPM: -

IES-ACES (REs & RTOs): -

Certification Course on Project Management for Professionals in the Building and Construction Industry (5-Day)

INTRODUCTION

The management of construction projects requires knowledge of modern management as well as an understanding of the design and construction process. The role of project managers is to direct and coordinate the processes and resources during the life cycle of a project to achieve the project objectives.

OBJECTIVES

The course aims to prepare professionals in the building and construction industry to take on the role of project managers. The course will equip the participants with necessary knowledge on the practices of project management to successfully manage a building project through all stages of implementation.

CONTENTS

- **Methodology of Project Management**
Standards; core functions; stages and processes of project management, project life cycles
- **Managing Consultancy Services and Consultants' Contributions**
Roles of client and consultants; selection, appointment, commissioning and management of consultancy services
- **Contracts and Cost Management**
Engineering contracts; contracts statements; subcontracts; processes and procedures of cost management; cost control and risk analysis
- **Time and Productivity Management**
Time management processes; Lean / JIT and 5-S principles; key productivity underpinnings
- **Quality Management System (QMS) Implementation**
Creating a QM plan; quality control; total quality management; commissioning and handing-over process
- **Risk Management**
Risk management processes; Types of risks; Risk identification; Risk assessment; Risk reduction
- **Sustainable Construction**
Tools to achieve sustainability; corporate social responsibility; Triple Bottom Line approach
- **Value Engineering and Value Management**
Application of value engineering and value management in a building project; processes involved
- **Case Studies of Successful Management of Projects**

TARGET AUDIENCE

- Project Managers
- Engineers
- Consultants
- Contractors
- Construction Managers
- Site supervisory personnel, personnel & graduate students who would like to start a career in project management

ASSESSMENT & AWARD

Assessment of participants will be based on project work presentation and a short test consisting of MCQs. Certificate of Successful Completion (CSC) will be awarded to participants who meet the 75% attendance requirement and passed the required assessments.



REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/> Login or scan QRcode and search for course code **73D99**