

# Lean Construction

## CPC40508 CERTIFICATE IV IN BUILDING & CONSTRUCTION (SITE MANAGEMENT) plus MSS40316 CERTIFICATE IV IN COMPETITIVE SYSTEMS AND PRACTICES

Lean construction is “a way to design production systems to minimise waste of materials, time, and effort in order to generate the maximum possible amount of value...”

The Management Edge has developed a streamlined approach to Construction Site Management which combines Lean Methodology + Construction Management, by combining two nationally recognised qualifications tailored to your business needs and delivered to support you in the Workplace.

### CPC40508 CERTIFICATE IV IN BUILDING & CONSTRUCTION (SITE MANAGEMENT)

This qualification will increase your knowledge and skills in the Building Industry, and prepare you (or your staff) to better understand and respond to the responsibilities and duties of care in managing a construction site. The course is a mix of people management and building industry knowledge. It will develop skills in;

- project supervision,
- building project management,
- building estimating,
- site supervision,
- legislative requirements,
- building codes and standards,
- site safety
- people management and
- construction business management.

### MSS40316 CERTIFICATE IV IN COMPETITIVE SYSTEMS AND PRACTICES

The aim of “Competitive Systems and Practices” or “Lean” is to design working systems to minimize waste of materials, time, and effort in order to generate the maximum possible amount of value.

The program is structured in two streams (that run concurrently):

**Off-the Job component:** Participants will attend training at our training facility in the evening (weekly 5 hr blocks)

**On-the-Job:** The on-site material is aligned to the day-to-day management of the site that the supervisor is currently managing whereby we would conduct monthly training on site a day or half day per month over 5-10 days (negotiable) which would involve gathering your supervisors onto a site and provide training. The next month the training is rotated to one of the other sites.

**Benefit :** the learners get to see how things are managed first- hand at different Type/ scale projects.



## Program Snapshot



### Duration

40 weeks. While the majority of the course is delivered, practiced and assessed in a workplace environment, you will be expected to commit about 10 hours per week to learning, practicing and demonstrating the skills taught.



### Delivery Methods

Face to face classroom and delivered in the workplace, supplemented by extensive workplace practice.



### Assessment Methods

- Theory & knowledge assessments
- Case studies
- Practical exercises
- Project Work
- Workplace observations
- Workplace Supervisors' reports



### Pre-requisites

It is required that learners be employed in a position in the construction industry that allows them to demonstrate application of process and management skills required by the program. Learners will need access to the internet for on-line research and activities. Learners must hold a White Card as evidence of their participation in the industry

LLN will be assessed prior to course commencement.



### Resources Provided

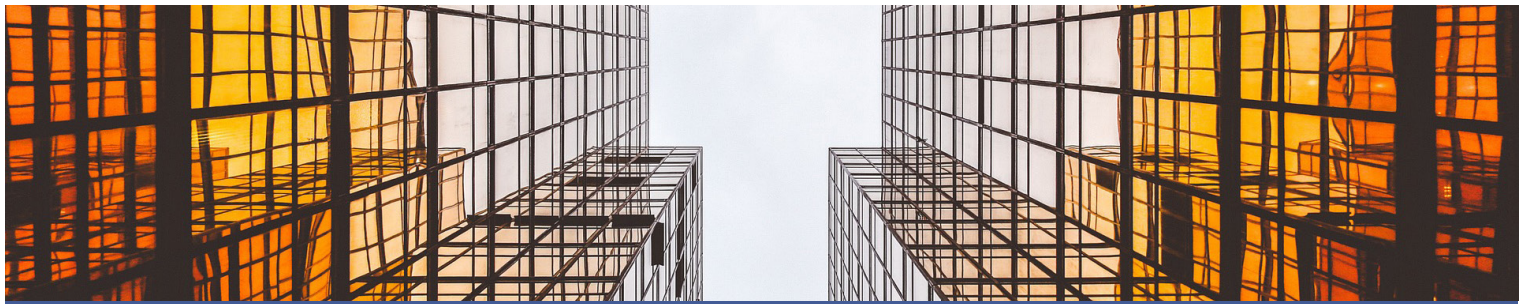
Learning resources will be provided including; training manuals, powerpoint presentations, You-tube clips webinars etc.



### Costs

Contact us for program costs. State Government funding may be available for eligible individuals.





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*This program is intended for people who are serious about investing in themselves or their staff to develop career path opportunities for the future, or to ensure that worksite practices and behaviours comply fully with legal requirements. It requires commitment to attend training and to complete assignments within specified deadlines. Learners will be expected to make this commitment before being enrolled in the program, and deviation from it during the course may result in them being withdrawn. The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.*

## Program Structure

CPC40508 Certificate IV in Building & Construction (Site Management) requires completion of 15 units of competency. MSS40316 Certificate IV in Competitive Systems and Practices requires completion of 12 units of competency. To obtain a dual qualification the following 26 units must be completed. BSBPMG522 Undertake project work is included in both qualifications. \*indicates cores units.

CPCBC4025A - Manage personal work priorities and professional development

MSS403001- Review competitive systems and practices\*

BSBPMG522 - Undertake project work

CPCBC4001A Apply building codes and standards to the construction process for low rise building projects\*

BSBLDR403- Lead team effectiveness\*

MSS403013 - Lead team culture improvement

MSS403010 Facilitate change in an organisation implementing competitive systems and practices\*

CPCBC4011B Apply structural principles to commercial low-rise constructions\*

CPCBC4010B Apply structural principles to residential low-rise constructions\*

CPCBC4009B Apply legal requirements to building and construction projects\*

MSMENV472 Implement and monitor environmentally sustainable work practices\*

MSS403040 Facilitate and improve implementation of 5S

MSS403035 Implement the visual workplace

BSBMGT403 Implement continuous improvement

MSS403044 Facilitate continuous improvement through the use of standardised procedures and practices

CPCBC4012B Read and interpret plans and specifications\*

MSS403033 Map an operational process

CPCBC4028A - Prepare design brief for construction works

MSMSUP390 Use structured problem-solving tools

MSS402080 - Undertake root cause analysis

BSBPMG513 - Manage project quality

CPCBC4002A Manage occupational health and safety in the building and construction workplace

BSBWH5408 Assist with effective WHS management of contractor

CPCBC4007A Plan building or construction work\*

CPCBC4008B Conduct on-site supervision of building and construction projects\*

MSS403002 Ensure process improvements are sustained

**Induction:** Trainees will be introduced to the course, delivery and assessment methods, and expectations and rights of trainees prior to course commencement.

All trainees are expected to comply with worksite WHS procedures and policies during practical activities. Safety procedures in the classroom will be explained at the commencement of the course.

**RPL & Credit Transfer:** Students who believe they have sufficient experience to demonstrate full competence against particular units may apply for RPL using the forms and processes available from the TME office. Students may apply for credit transfer for any units completed in prior qualifications, including for the elective units.

**Funding:** This program may be supported by Victorian State Government funding or subsidised by the NSW Government subject to eligibility. New employees may also be eligible for Commonwealth Government Funding. Contact us to check your eligibility.

**Workplace Training:** Programs can be customised to meet individual or workplace requirements. On the job training and assessment activities are built into our programs to benefit employers and enable learners to develop relevant workplace skills.

We actively tailor training for people from diverse backgrounds, including those with disabilities, and encourage all to apply.

Information in this flyer is current at 10/7/2017 and may be subject to change. Contact us to ensure you have the most current information about this program.

*Lean Construction v3*