

RTO ID: 91627



DRAFTING IN CONSTRUCTION

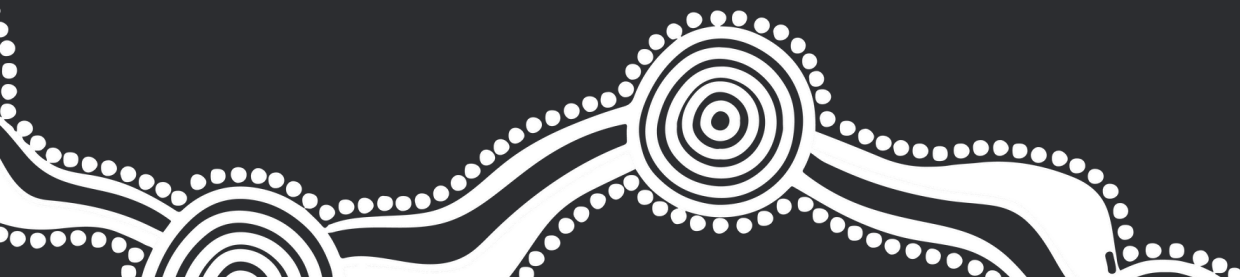
YALAGAN REGISTERED TRAINING
CAREER TASTER TRY A TRADE

2 DAY COURSE

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DAY 1

INTRODUCTION TO DRAFTING

9:00 AM – 12:00 PM

- Welcome and Introduction
- Brief overview of the event and objectives.
- Introductions of facilitators and participants.
- Engaging video on Drafting in Construction

BASICS OF DRAFTING

9:30 AM – 10:30 AM

- Explanation of drafting principles, including orthographic projection, line types, and scale.
- Introduction to drafting tools such as T-squares, triangles, and drafting pencils.

HANDS-ON DRAFTING EXERCISE

10:30 AM – 12:00 PM

- Students practice creating basic geometric shapes using drafting tools.
- Guidance from facilitators on proper techniques and measurements.

LUNCH BREAK 12:00 PM – 12.30 PM

ADVANCED DRAFTING TECHNIQUES

12.30 PM – 1:30 PM

- Discussion on advanced drafting concepts like dimensioning, annotations, and symbols.
- Demonstration of CAD software for drafting.

CAD SOFTWARE WORKSHOP

1:30 PM – 3:00 PM

- Hands-on session where students learn to use drafting software.
- Guided exercises to create simple 2D drawings using CAD tools.

DAY 2

APPLIED DRAFTING PROJECTS

9:00 AM – 12:00 PM

- Recap of previous day's learning.
- Address any questions or concerns from students.

DRAFTING PROJECT BRIEFING

9:30 AM – 10:30 AM

- Introduction to a real-world drafting project (e.g., floor plan, mechanical part).
- Explanation of project requirements and constraints.

GROUP PROJECT PLANNING

10:30 AM – 12:00 PM

- Students form groups.
- Discussion and planning session to allocate tasks and establish timelines for the drafting project.

LUNCH BREAK 12:00 PM – 12.30 PM

DRAFTING PROJECT IMPLEMENTATION

1:00 PM – 2:30 PM

- Groups work on their drafting projects under the guidance of facilitators.
- Assistance provided as needed with CAD software or manual drafting techniques.

PRESENTATION AND FEEDBACK

2:30 PM – 3:00 PM

- Each group presents their completed drafting project.
- Feedback provided by facilitators and peers.

CLOSING REMARKS

3:00 PM

- Thank students for their participation.
- Presentation of Participation Certificates