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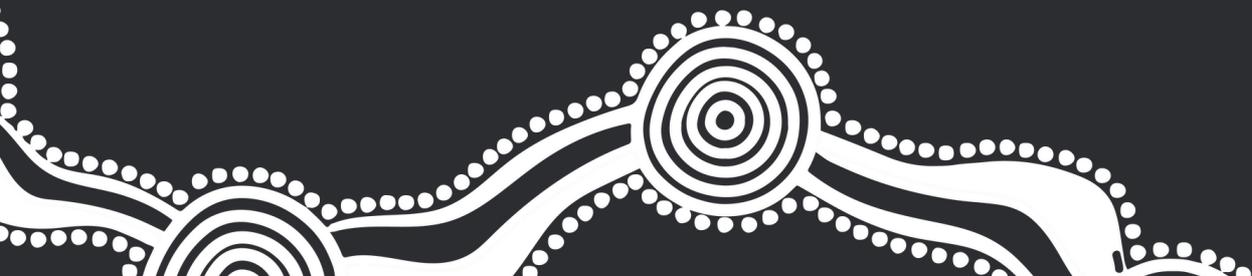


ESTIMATING AND SCHEDULING

YALAGAN REGISTERED TRAINING
CAREER TASTER TRY A TRADE

2 DAY COURSE

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DAY 1

SESSION 1. INTRODUCTION TO ESTIMATING

- Start with an engaging video about the Construction Industry and the role of an estimator.
- Presentation (PowerPoint slides 1-16) on estimating basics - explain what it is, why it is important, and who does it.
- Discussion and Q&A.

SESSION 2. UNDERSTANDING BLUEPRINTS

- Presentation (PowerPoint slides 17-24)
- Interactive session on reading and understanding blueprints.
- Practical exercise: Students to Identify and list symbols.
- Practical exercise: Students work in groups to interpret a simplified blueprint and list materials required for the project.

SESSION 3. ESTIMATING COSTS

- Presentation (PowerPoint slides 25-31) on how to estimate costs - labour, materials, overheads, etc.
- Practical exercise: Students use the blueprint from Session 2 to estimate the cost of their project.

SESSION 4. ESTIMATING SOFTWARE

- Presentation (PowerPoint slides 38-43)
- Introduction to estimating software & tools.
- Practical exercise: (Group Activity) Students input their data from the previous session into the spreadsheet.

DAY 2

SESSION 1. INTRODUCTION TO SCHEDULING

- Start with an engaging video about the construction scheduling process.
- Presentation (PowerPoint slides 32-34) on the basics of scheduling - what it is, why it is important, and how it's done.

SESSION 2. PLANNING & SEQUENCING

- Presentation (PowerPoint 35-39) on planning and sequencing of tasks - critical path method, dependencies, etc.
- Practical exercise: (groups of 4) Students create a basic schedule for their project from Day 1, Have students sequence tasks and identify dependencies.

SESSION 3. SCHEDULING SOFTWARE

- Presentation (PowerPoint 40-45) Introduction to scheduling software
- Practical exercise: Students input their project schedule into the software and identify critical paths and potential delays.
- Practical exercise: Students to design their bedroom using symbols and legend.

SESSION 4. WRAP-UP AND REFLECTIONS

- Discussion and reflection: Discuss the difficulties faced, how they were resolved, and what was learned.
- Hand out completion certificates.

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