

PRJ5003 Project Constraint Management

Unit Description

This unit provides the conceptual and practical means for applying techniques to evaluate competing project demands of scope, schedule, and cost effectively and efficiently.

Unit topics provide a comprehensive coverage of project scope management, scheduling, and planning; project resource optimisation, cost management, monitoring of progress, and the steps required for project closure.

Through learning and assessment activities, students define the scope of a project's activities; estimate the schedule or duration required to complete the project (Critical Path Method and PERT analysis); and track project constraints through cost estimation and forecasting (Earned Value Management).

Credit Points	8 credit points
Duration	12 weeks (10 teaching weeks and 2 revision and assessment weeks)

Unit Learning Outcomes

On successful completion of this unit, students will be able to:

1. Identify key aspects of scope, schedule, and cost management as per best project management practices.
2. Effectively write and present project planning and controlling reports.
3. Analyse a project case and develop a constraint management plan.
4. Productively work in diverse teams to deliver agreed outcomes.