

# REALITY ENGINEERING

Course

## Deep Problem Analysis and Solution

This course builds on the tool taught in Foundations to further develop your critical thinking and problem-solving skills for improved analysis and solutions development in real-world situations.

### Modules **Five Modules. Five Weeks.**

MODULE 1

#### Subject Area

##### Get clear on the issues

Define your analysis scope and develop high quality Druids for the subject area.

MODULE 2

#### Current Reality Tree

##### See how the problems interact

How multiple druids in a subject space interact with each other, causing each other the get worse and worse! You will use this to uncover the core problem driving the druids to be here in the first place.

MODULE 3

#### Advanced Logic

##### Getting really accurate on Cause and Effect

A structured process to analyse your own and other's logic and identify the key holes in the logic. Useful for building robust analysis and arguments as well as hearing errors in other's logic.

MODULE 4

#### Advanced Injections

##### Get creative to solve the core problem

Develop your assumption and injection skills to tackle even the toughest and highest value situations.

MODULE 5

#### Future Reality Tree

##### Logically check and communicate solutions

Use a process to apply your injection ideas to the analysis to rigorously check they will have the intended effect on the subject area.

### Course Structure

Each week of the course will cover a single module and follow the same repeating structure:

- 1 Video content about the tool
- 2 Simple exercise to get you started
- 3 Video content covering how to use the tool
- 4 Example exercises with sample answers provided
- 5 Application exercises using your own content. These are reviewed by an instructor and feedback is provided.

## Timeline & Course Requirements

The course is designed to have some work completed every business day. Time required each day will vary but on average you can expect to spend approximately an hour per day.

Additionally, there are live online sessions to attend:

- Initial kick off meeting – Monday week one – 45 minutes long
- Worked examples and Q&A – Each Tuesday – 45 minutes long
- Group activities and Q&A – Each Thursday – 45 minutes long
- Final group application – Thursday week six - 2 hours long

The worked examples and Q&A live session times will be shared at the commencement of the course. The live Q&A sessions will be in Sydney time. The live sessions will be recorded and made available for those who cannot attend.

The group activity live session (Sydney time) is not recorded for confidentiality reasons and is run in several smaller groups to allow more discussion and collaboration.

Outside of the live sessions, the coursework is flexible, allowing you to complete it at a time which suits you. However, you will be expected to progress at a certain pace, hitting specific completion milestones prior to each of the live sessions. This ensures that the sessions are relevant, and you get the most out of them.

Weekly completion milestones:

- Prior to Worked examples and Q&A session – Complete exercise 2
- Prior to Group activities and Q&A session – Complete first attempt of exercise 4
- Prior to start of a new week – Complete all exercises from the previous week

## Course Facilitation

While BBIT is designed primarily to be a self-led and remote course, you will have two instructors guiding you along the way. They will facilitate the group sessions, review your work, and be available for any questions or problems you come up with along the way.

They are reachable by email and during the weekly group sessions. Please don't hesitate to contact them if you are unsure of anything.

## Tech Requirements

Black Belt in Thinking is an online course. You will need access to a computer with audio and video and a reliable internet connection. We recommend a quiet space without distraction and a headset with microphone if your computer audio is of poor quality.

## More Questions?

Please visit the FAQ page on the Black Belt in Thinking website [blackbeltinthinking.com/faq](http://blackbeltinthinking.com/faq) or email your question to [sales@viago.com.au](mailto:sales@viago.com.au).

## Investment and Payment Options

**Investment:** AUD\$320 (Australian dollars)

Foreign currency payments will be converted and charged in Australian dollars at the current exchange rate (fx) charged by the payment processing service at that time.

### Payment method

All payments will be made through Eventbrite upon registration.

Please contact ViAGO (course organiser) at [sales@viago.com.au](mailto:sales@viago.com.au) if you would prefer to pay via an invoice.

### Refunds and guarantee

We want this investment to be 100% risk-free. If you watch the video lessons and complete the deliverables, and still don't find the course valuable, we'll happily refund your full payment.



Powered by world-renowned TOC thinking processes

These integrated problem-solving tools use rigorous cause-and-effect logic to generate breakthrough solutions by identifying, challenging and correcting unexamined assumptions. They are regularly used in business management for rapid, effective and accurate project planning, strategy formation, problem-solving, decision-making and conflict resolution.