

## Interaction design and web application design training course

Processes and interaction design fundamentals for designing usable websites, intranets and web applications.

### Overview

This course will provide an insight into human characteristics and online behaviour based on latest research and hundreds of usability tests with users, including video footage of usability test sessions. We will also cover the theory and principles of interaction design relevant to web applications, intranet and internet sites.

### Module 1: Introduction

Introduction to usability and user centred design and researching user needs

- Identifying target groups and their characteristics
- Research techniques for web applications

Task analysis

- Common approaches - hierarchical vs decomposition
- Documenting task flows - sequence models

### Module 2: Online user behaviour & usability and content design fundamentals

Learn about interaction design principles, guidelines and laws such as:

- Online navigation behaviours - how users find stuff
- Cross linking
- Banner and header blindness
- Launching new windows - the reality for users
- How users read content and how to design usable content
- Literacy and readability

### Module 3: Interaction and presentation design principles

Learn about interaction design principles, guidelines and laws such as:

- Protecting users work
- Fitts' law
- Visibility of system status
- Aesthetic-Usability effect
- Visual balance and Colour
- Typography and Legibility
- Visual hierarchy, Page layout and visual flow

### Module 4: Structure and application flow

### Module 5: Using prototypes and usability testing

Developing and iterating the design

- Storyboards, wireframes & prototypes

### Module 6: Forms and application design fundamentals

User interaction

- Sorting and filtering behaviours
- Data input - editing and manipulating

Controls

- Choosing effective controls and common mistakes and mis-uses

Error prevention, validation and handling

Dynamic forms and progressive disclosure

- AJAX - dynamic display and interaction

### Who should attend:

- Business analysts
- Developers
- Usability specialists
- Producers
- Interaction designers
- Project managers
- Graphic/Visual designers
- Usability specialists
- UX designers
- IT and web managers

Note, this is not a technical course and does not require any prior technical or web knowledge

“ Theory enhanced practical recommendations and reinforced my understanding of interaction design...excellent course as usual! ”

- Sharon Litchfield, Primary Industries & Fisheries

“ Tania is the only true usability expert that I have come across in my 15 year development career. ”

- Richard Mellow, Rockend

“ We covered a lot of material. The course was really comprehensive & examples really helped to reinforce learning! ”

- Jane Earle, The Learning Group