WEEK 1
Intro to User-Centred Design

OC
- Teamwork and team formation
- Project Brief

OL
- Introduction Unit
- UCD Process and Principles
- Usability and Context of Use

Set up Team

WEEK 2
Researching Context of Use

OC
- Analysing Context of use
- Interview techniques
- Research ethics

OL
- Interviews
- Analysis of interview data
- Ethics

Team management plan and Code of Conduct

WEEK 3
Requirements and Models

OC
- Requirements
- User models

OL
- Functional and Usability Requirements
- Context of use models

WEEK 4
Conceptual and User Interface Design

OC
- Scenarios
- HTI and flow models

OL
- Conceptual design
- Scenarios, storyboards and wireframes
- User interface design

WEEK 5
User Interface Design and Prototyping

OC
- Feedback on UCD 2
- User interface design

OL
- User interface design
- Prototyping

UCD 2: Context of Use and Requirements

Teamwork Survey

WEEK 6
Introduction to Usability Evaluation

OC
- User interface design

OL
- Introduction to usability evaluation
- Rapid evaluation

UCD Project Report

WEEK 7
Preparing for Usability Evaluation

OC
- Preparing for Usability Evaluation

OL
- User evaluation
- Informed Consent

WEEK 8
Preparing for Usability Evaluation

OC
- Feedback on UCD 3
- Prototype heuristic evaluation

OL
- Demographic and satisfaction questionnaires
- Evaluation tasks

Prototype Demo

WEEK 9
Preparing for Usability Evaluation

OC
- Preparing for Usability Evaluation

OL
- Measuring effectiveness and efficiency

UCD 3: User Interface Design Video

Ethics Quiz

WEEK 10
Analysing Usability Evaluation results

OC
- Usability Evaluation of prototype

OL
- Analysing usability evaluation data
- Identifying usability problems and severity ratings

Usability Evaluation Video

WEEK 11
Analysing Usability Evaluation results

OC
- Data analysis and redesign

OL
- Case study review

WEEK 12
Review

OC
- Prototype Demo (optional)
- Feedback on UCD 4

OL
- Case study review
- Test information

UCD 4: Usability Evaluation Results

End of semester teamwork survey