

MT4XH Format of tutorials

Introduction

In this extension exercise to the Arran field course you have been asked to complete a design specification for a new climate monitoring station in Loch Ranza. The parameters of the design specification required are listed in the accompanying document. This document sets out the format and structure of the tutorials that will help you complete the task.

What is the purpose of the tutorials

We expect that as on Arran you will work together as a small team to discover and share resources and ideas, which will help you complete the design specification. Tutorials are an opportunity for the group to come together to share resources and test each other's ideas. You will also have the opportunity to interact with experienced post-doctoral researchers.

Format of tutorials

Each of the three tutorials has a different purpose. The description below gives an idea of what you should aim to discuss at each tutorial. It is important that you come to the tutorials prepared to discuss the items on the agenda and feel comfortable contributing to the group discussion.

Tutorial 1 – Week 2

Aim: Introduce the problem and formulate an action plan

This tutorial will follow the format listed below:

- Round table introduction of team members
- Introductory talks by two post-doctoral researchers
- Brainstorming about aspects of the problem to consider and possible sources of information
- Formulating an action plan of how to proceed

The key outcome of the tutorial will be a list of actions for each team member to pursue before the next tutorial meeting. These actions will mostly be to discover useful resources to share with other team members.

Tutorial 2 – Week 4

Aim: Share resources and critically evaluate progress

This tutorial will follow the format listed below:

- Team members will make short presentations to the group outlining what they have discovered in the previous two weeks.
- Each presentation will be discussed by the team members.

Following the discussion a further action plan for the next two weeks should be developed. This action plan will mainly involve what additional questions should be considered and how information should be shared among team members. The first action point on the plan should be to ensure all team members have access to all of the available resources.

In addition to completing their portion of the action plan over the next two weeks, team members should also come up with a skeleton design brief.

Tutorial 3 – Week 6

Aim: Test ideas for design brief before completion

This tutorial will follow the format listed below:

- Team members will make short presentations (5 mins) outlining their main ideas for the design brief and any unanswered questions they have.
- The group will discuss each team member's ideas to provide constructive feedback on their design brief.

Following this tutorial, team members should refine and complete their design brief before the submission deadline in Week 8.