# Turing Online Learning Platform

This is a guideline for building a course on the Online Learning Platform. To begin with, here are a few points to note on designing a self-paced online course.

# Course Design

To plan an Online Course, you can first break it down to different modules by topic.

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For each module, you will need to include the following:

* **Lesson order**

Structure your module in a logical, sequential way, with each lesson progressing towards the desired learning outcome.

* **Module introduction**

Provide a brief overview of what will be covered in each module. Avoid vague concepts and wording. Share the key takeaways of completing a module.

* **Learning objectives**

Clear learning objective(s) can guide you through the whole module planning process. Base all the content, structure, and assessment around well-structured learning objectives, to ensure the learners achieve the goals as stated.

* **Learning content**

Choose only relevant materials, and design learning activities that learners can engage with to reinforce their learning. Ideally activities should allow learners to apply the complex concepts in actual practice.

* **Activities**

After each lecture or reading, make sure there is an activity to check learning. For instance, there could be a few multiple choice questions to clarify concepts; or short questions for learners to reflect on a topi, etc.

* **Assignments / assessments (optional)**

You may want to include an assignment or assessment at the end of each module, or one at the end of the course.

# Course Building

To create a course on the Online Learning Platform, we need to know a few things to create templates for you. **Please complete the form on the last page**, which will give details on the points below.

## General information

You will need to provide the following information:

* Course title
* Course duration
* Course dates (if not self-paced)
* Number of modules
* Brief introduction

## Course details

Here is a course structure example. We will use this information to structure and set up your course accordingly.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Description** | **Remarks**  Include file types, activity types or links to files where relevant |
| **Module 1 Title:**  **Handling Data** | **Introduction** | This module consists of taught and hands-on sections. Taught sections cover data sources and how to load data, followed by a demonstration of exploring and wrangling data. Learners will then complete a hands-on activity where they will follow the steps from the taught sessions with a sample dataset. | Text / word file attached |
| **Learning Objectives** | By the end of this module participants should be able to:   1. Load and manipulate tabular data with Pandas. 2. Have a high-level understanding of approaches for handling different types of data and preparing them for inclusion in a model or analysis. | Word file attached |
| **Content** | Section 1 Getting and Loading Data  Section 2 Exploring and Wrangling Data | Formats: Video, GitHub page text |
| **Activity** | Hands on activity exploring sample dataset | Activity type: Programming exercise  Must submit exercise to move to next page |
| **Assessment/ assignment** | None required |  |

# Activity types

Below are some activities that are frequently used in courses.

Assignments  
Assignments can be in a range of formats: an essay to be uploaded or entered on the platform, a screen capture of the result of a coding exercise or a blog post to reflect upon what users have learnt.

Points to consider:

* Cut-off time for the assignment submission
* Grading method
* Group or individual assignment

#### Forums

Forum can engage students and facilitate discussion on certain topic. All feedback from instructors and learners are posted in public and real time.

Points to consider:

* (In self-paced course) Tutor / coordinator role is needed for monitoring discussion
* Learners can be divided into subgroups in advance if needed

Questionnaires

Questionnaires or surveys can be used at the end of a course to gather learners’ thoughts and feedback.

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There are several question types available for quizzes.

Points to consider:

* You can set a passing score for each quiz, and require users to pass before they can move on to next module or lesson
* You can use a mix of question types within one quiz

## Other activity types

The platform also supports the activities shown below. [Click here for examples](https://h5p.org/content-types-and-applications) of how each activity type works.­ Feel free to reach out to our team for details or ideas!

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# Online course outline

Please complete the form below and return to [Online platform inbox]. Include all the elements and functions that are needed, in the order in which you would like them to appear. You can add or delete modules or sections as needed.

## General information

|  |  |
| --- | --- |
| **Course title** |  |
| **Course duration** *(hours)* |  |
| **Course dates** *(if not self-paced)* |  |
| **Number of modules** |  |
| **Course Introduction**  *Provide a short introduction for the course (3-5 sentences)* |  |

## Course details

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Description** | **Remarks**  *Include file types, activity types or links to files where relevant* |
| **Module 1 Title:** | **Introduction** |  |  |
| **Learning Objectives** |  |  |
| **Content** |  | Format(s): |
| **Activity** |  | Activity type(s): |
| **Assessment/ assignment** |  |  |
| **Module 2 Title:** | **Introduction** |  |  |
| **Learning Objectives** |  |  |
| **Content** |  | Format(s): |
| **Activity** |  | Activity type(s): |
| **Assessment/ assignment** |  |  |
| **Module 3 Title:** | **Introduction** |  |  |
| **Learning Objectives** |  |  |
| **Content** |  | Format(s): |
| **Activity** |  | Activity type(s): |
| **Assessment/ assignment** |  |  |

*Please add or delete sections as needed.*