Institute of Coding Skills Bootcamp

Aber Code: XC24310

Title: Microcredentials: Applied Extended Reality Technology

Start date: 02/10/2023

Location: Online

Cost: Free

Contact Hours: 1x 2 hours per week,

Course length: 8 weeks

Signup Link: https://www.aber.ac.uk/en/lifelong-learning/courses/course/details/SL108_XC24310/

Synopsis:

This module introduces you to the underlying technologies that enable Extended Reality (XR), which comprises of Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MR). This module focusses on how to build and run simple XR applications, how they are used and what the future holds.

Notes:

This module is aimed at professional learners who are looking to develop their practical skills and knowledge of Extended Reality technologies.

Assessment:

The module will consist of a single assessment that includes a piece of practical work (mini-project) alongside a short report (800 words).

Learning Outcomes:

On successful completion of this module students should be able to:

Build and run simple XR applications.

Compare and evaluate the available techniques for building XR applications.