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TREO

Technology, Research, Education, Opinion

A Course Architecture for HyFlex Courses in Information Systems

Design Requirements, Principles and Features

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HyFlex is a catchword for course designs in higher education that provide students with the opportunity to attend course sessions in-person as well as remotely ('hybrid') and to change their mode of attending every week based on their circumstances and preferences ('flexible') (Beatty, 2019).

This talk proposes six requirements, ten general principles and twelve specific features (along with concrete examples) for a comprehensive HyFlex course design for Information Systems courses. The requirements, principles and features are organized into three categories: 1) competency development, 2) engagement modes and means, and 3) resources for course development and delivery.

The design requirements, principles and features are based on the authors' experiences across four iterations of HyFlex courses in two different Information Systems programmes (undergraduate and postgraduate), different settings (lecture & workshop, block mode) and course topics (business process modelling, enterprise architecture modelling, digital security management). The student performances and course evaluations indicate that the elements of the presented course design have been both effective and appreciated by the students.

The authors conclude their talk by reflecting on the benefits and challenges of offering HyFlex courses as well as the transferability (or projectability) of their generalized design requirements, principles and features to other course topics and settings.

References

Beatty, B. J. (2019). *Hybrid-Flexible Course Design*. EdTech Books.

<https://edtechbooks.org/hyflex>