Digital Learning User Experience (DLUX): Improving Digital Learning

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How might we improve online learning experiences at UWT?

Instructors had to rush to online teaching during COVID

Many students enjoy online learning due to its flexibility

Many instructors want to continue to develop their online teaching skills
Alignment - Critical course components work together to ensure that learners achieve the stated learning outcome

Course Orientation and Structure - Course elements and organization assist learners in identifying course expectations and successfully navigating the course itself.

Engagement - The instructor establishes and maintains a clear presence in the course and creates opportunities for dialogue and sharing between learners.

Accessibility and Inclusion - Course content and activities reflect inclusive, accessible design principles and practices.

Assessment - Course assessments provide learners with multiple opportunities to achieve outcomes.
Usability study - A research method from human centered design that helps identify areas for improvement, where

• Representative users
• Complete realistic tasks
• While an interdisciplinary team collects data
• To make improvements!

In our study in Spring 2023:

5 student researchers +
5 professors + 5 classes
30+ UWT students
45-90 minute sessions
15 tasks
RESULTS: GENERAL THEMES

Students seek most of their information about the course and assignments in the syllabus

Students struggles with text heavy syllabi and instructions

Modules are the key place students interact with a course and appreciate when they are highly organized and clear

Students sense and feel instructor’s engagement with the course through announcements and feedback
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