

## **Tips for Using UD And ICTs to Create Inclusive Learning<sup>1</sup>**

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Adopting universal design (UD) when selecting and using ICTs can assure an engaging and

## **Course Materials**

*Digital textbooks.* While digital textbooks seem to promote accessibility in general, many academic book publishers use their own proprietary formats. This can be confusing and may restrict accessibility for certain students. Offering a choice of hardcopy textbook or the equivalent digital format provides for more inclusion.

*PDF files.* In certain cases, instructors have posted PDF files of multi-

**Course participation.** For students who do not like or are unable to participate in traditional class discussions, course participation can be evaluated by assessing students' engagement through discussion forums or participation in class activities.

**Online testing/examinations.** Providing the option of completing testing online inside Moodle may be beneficial for students who are disadvantaged by paper format testing. But some aspects of online testing create barriers including: the necessity for correct spelling for fill-in-the-blank answers to be recognized as correct, errors in submission of responses which result in incomplete tests, software/hardware malfunctions, and incompatibility with screen readers and other assistive technology.

## CONCLUSION

Considering the principles of universal design when selecting and using ICTs can ensure an engaging, accessible and inclusive learning experience for the diversity of students in today's classrooms.

Learn more about the Adaptech Research Network and our work at [www.adaptech.org](http://www.adaptech.org).

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UDL Universe

UDL OnCampus

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