

# INFORMATION SYSTEMS

Students need to understand systems and the systems concept, and they need to understand the role of ICT in enabling systems. Students will learn the characteristics of good systems (e.g., intuitive, likable, error-resistant, fast, flexible, and the like). Knowing the characteristics of good systems will permit students to demand well designed systems and to suggest how existing systems should be changed. Students need to understand the affordances, directions, and limits of hardware, software, and networks in both personal and organizational dimensions. They also need to appreciate that, as technical capabilities change and new ones arise, more opportunities to apply ICT for efficiency, effectiveness, and innovation are afforded. They need to understand the process for developing and implementing new or improved systems and the activities of IS professionals in this process.

This cover was adapted by eCampusOntario. eCampusOntario is a non profit organization funded by the government of Ontario. Visit [OpenLibrary.eCampusOntario.ca](http://OpenLibrary.eCampusOntario.ca) to learn more.

**Cover image:** By Pxhere (<http://pxhere.com/en/photo/1087999>) used under CC0 (<https://creativecommons.org/publicdomain/zero/1.0/>)