Developing an elearning course on basic computer skills for electronic handbooks

This session will demonstrate the application of cognitive load theory in the design of an elearning course on basic computer skills for electronic handbooks. The major lessons of the course include basic computer skills and navigating handbook content. Participants will learn how to design and develop instructional activities, instructional strategies, and assessment measures. In addition, participants will learn how to segment and sequence content and transit worked examples to practice exercises.

The different types of worked examples that require learners to gradually acquire the handbook navigation skills will be provided in this session. Also, different types of interactive activities for major concepts and tasks will be presented to facilitate students in meaningful, engaged learning. To reduce split attention, visual cues to connect on-screen content to corresponding locations will be presented. Finally, evaluation results will be briefly discussed.