BCIT’S TECHNOLOGY-ENABLED KNOWLEDGE (TEK) INITIATIVE: NEW MODELS FOR LEARNING AND TEACHING DRIVE ORGANIZATIONAL CHANGE

BCIT has invited its faculty, students, staff and community partners to participate in a five-year strategic initiative to collectively build its educational technology and information technology infrastructure to enhance learning, teaching and research at the Institute. The Technology-Enabled Knowledge (TEK) Initiative aims to provide the technical infrastructure, web-based collaboration tools, educational support structures and faculty release time to enable its 47,000 learners to engage in exemplary uses of educational and information technology. This initiative is a joint partnership between BCIT’s Computer Resources and the Learning and Teaching Centre. This presentation outlines the initial and current steps taken to achieve this initiative.

The first step was to establish the five TEK Initiative Foundation Goals through consultations with faculty, students and other BCIT stakeholders. These include collaboration and connectivity, smart learning spaces, best teaching practices, applied research, and the business of BCIT. The next step was to create the Educational Vision, told through the eyes of students and instructors in the technologies and trades at BCIT. This vision employs a flexible educational model that combines classroom and online learning approaches to enhance collaboration and learning. It represents our research of best practices at BCIT and other post-secondary institutions and the most recent literature on the effective use of educational technology. The third step was to identify the technical components, such as ePortfolio management, document sharing and peer collaboration, and communities of practice, required to achieve this collaborative educational vision. Current steps include piloting new technologies and learning approaches through 47 faculty-led Grassroots Projects and restructuring BCIT’s Learning and Teaching Centre and Computer Resources to better support the faculty and student requirements.