

# **Minister's Challenge**

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## Minister's Challenge

Drive innovation in Ontario's post-secondary sector that results in:

1. High quality learning opportunities for students;
2. Rich student experience;
3. Improved productivity delivering better outcomes for students;
4. A sustainable post-secondary sector;
5. A sector that builds on existing assets of colleges, universities and supporting networks.

## 10 Innovations Possible from Technology-enabled Learning for the Benefit of Students

1. Curricula based on development of digitally related 21<sup>st</sup> century skills: independent learning, application of digital technologies, digital communication/media skills, entrepreneurialism, critical/creative/original thinking, teamwork and collaboration, through the use of technology-enabled learning.
2. Hybrid learning based on the re-design of teaching to exploit both the respective uniqueness of the campus experience and the online experience.
3. Student-centered teaching that encourages students to find, analyze, evaluate and apply information appropriately.
4. Digitally-based assessment through digitally-based project work, with learning demonstrated through e-portfolios, videos and podcasts.
5. Discipline-based consortia to develop discipline or topic-based shared simulations, games, virtual worlds (in collaboration with Ontario's high tech industry).
6. Inter-institutional collaboration: sharing of digital content (scale); joint online/digital content or course development (avoiding unnecessary duplication); joint degrees or diplomas (aggregating scarce and scattered resources).
7. Cost-recoverable online courses/programs aimed at an international market, either developed independently or as part of international consortia.
8. New funding models/business models for programs aimed at lifelong learners.

9. Credit-based open learning/competency-based programs: exam by challenge; prior learning assessed against publicly pre-defined learning outcomes using e-portfolios; Non-credit, fully open MOOCs based on existing online credit courses, but credit available through a cost-recoverable final exam for those that want to try. Create a provincial assessment bank to support this work.
10. Flexible credit transfer between Ontario institutions, allowing mix of campus, prior learning assessment, work-based learning credits and online courses from different institutions to be aggregated into accredited degrees.