

Tech Integration Models – Course Outline

Updated Fall 2026

Intended Audience:

- Teachers, classroom support staff, and education leadership teams

Session Length:

- 9:00am – 3:30pm / 5.5 hours

Participant Threshold:

- Requires a minimum of 10 participants to proceed

Course Description:

In this session, participants will explore, compare, and apply five leading technology integration models (LoTi, TPACK, TIM, SAMR, and Triple E) to better understand how digital tools can transform teaching and learning. Each model will be introduced with its theoretical underpinnings, tied to educational influences (constructivism, 21st-century competencies, etc.), and critiqued for relevance to Manitoba's Framework for Learning.

Through a combination of guided discussion, modeling, and hands-on activities, participants will evaluate the affordances and constraints of each model and practice applying them to real-world classroom or leadership scenarios. Depending on participant readiness, time will be provided for individualized or small-group work to apply a selected model to a digital tool currently in use.

Sessions Outcomes:

By the end of this session, participants will be able to:

- Identify and describe the key components and purposes of five major technology integration models (LoTi, TPACK, TIM, SAMR, and Triple E).
- Analyze and compare the educational influences that inform each model.
- Align technology integration practices to the Manitoba Framework for Learning and related provincial priorities.
- Critique each model for its effectiveness and applicability within their own context.
- Apply at least one model to a real-world example using a digital tool relevant to their practice.

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- Collaborate and reflect on how technology integration can enhance learning experiences for diverse students.

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