

Micro-certification Pilot Technical Requirements for Platform

The following functional requirements follow eCampusOntario's Micro-certification Principles and Framework. [Download the Principles and Framework document here.](#)

Functional Requirement – Principles

Relevance

Institutions, industry partners and/or educators can construct, approve and edit micro-certification content and micro-certification metadata.
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Institutions, industry partners and/or educators can set approval workflows before making a micro-certification available and issuable.

Institutions, industry partners and/or educators have the ability to update and/or revisit micro-certifications based on new job market needs.
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Verifiability

Earners of a micro-certification can share a unique ID (URL) with potential employers or other stakeholders outside of the institution.

External stakeholders can verify the authenticity and integrity of micro-certifications through the unique ID or URL.

Issuers/Administrators of micro-certifications can keep track of micro-certifications issued by their organization through an analytics dashboard.
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Ownership

Earners of micro-certifications are the only ones that can modify their personal settings.
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Institutions have the ability to set expiration dates and/or revoke micro-certifications.

Extensibility

Users have the ability to store and share, via open standards, all micro-certifications issued throughout the platform.

Earners of micro-certifications have the ability to share micro-certifications to social platforms (ex: LinkedIn).
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Institutions can build learning pathways encompassing more than one micro-certification toward completion of broader program.

Functional requirement – framework elements

Issuing Body

Institutions/agencies can issue and distribute micro-certifications to earners via platform (manual or automated process).

Institutions/agencies can brand the look and feel (templates) of micro-certifications.

Competency / Skills Targeted

Institutions can create competency structures and build internal alignment to micro-certifications.

Outcomes

Institutions, industry partners and/or educators can build assessment tools (i.e. rubrics) within platform to facilitate evaluation of learners work.

Summative Assessment

Users can store various file types as evidence to the obtainment of a micro-certification.

Transcriptable

Institutions can integrate the platform to other systems via Open API and/or other mechanisms.

Partner Endorsements

Industry partners can endorse micro-certifications before or after issuance.

Compliance requirements

Data Privacy / Security

Users can opt-in or opt-out of the platform at their own will (PIPEDA compliant).

Multilingualism

Users can set language locale to French, English or other languages for all interface menus, features and micro-certification user facing information.

AODA Compliant / Accessibility

Users can access the platform through an AODA compliant interface and adjust settings depending on preferred devices.