Microcredentials now and in the future

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DEFINITIONS

Credential = a qualification, achievement, quality, or aspect of a person's background, especially when used to indicate their suitability for something.

Microcredentials

“- ...certif(y) achievement of a coherent set of skills and knowledge.” NZQA

Similar
Recognise smaller packages of learning

“...are competency-based, personalised and sharable.” Digital Promise

Different

Badges = validated indicator of accomplishment or competency
COMPETENCY–BASED MICROCREDENTIALS

Align to formal qualifications

- Competency–based
- Short
- Stackable
- Flexible
- Online
- On-demand

NZDE

Align to industry requirements

Industry Roles
# MICROCREDENTIAL STRUCTURE

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LEARNING AND AWARD PROCESS

Experience → Demonstration of Competency
  Video, Assignment, Work examples
  Submission → Assessment
  Verification
    Skype or Face to face
    Microcredential Awarded

Study

Online Resources
  Videos, Screencasts, Readings, Websites

Free Open Online Platform
  Submission Requirements

Open Badge
Learning Outcomes

1. Outline and describe road infrastructure administration agencies, road transportation funding mechanisms and principles of route location.

2. Evaluate the properties and testing of road earthworks, pavement and wearing surface materials and demonstrate knowledge of road construction practice.

3. Demonstrate an understanding of the components, functions and design of surface and sub-surface drainage for roads.

4. Evaluate road maintenance solutions/techniques and develop a simple road maintenance strategy.

Provide evidence of prior learning for
CBM DEVELOPMENT

Graduate Survey

Roles

Tasks

Competencies

Microcredentials

Mapping

Microcredential Stacks

NZDE Courses
POTENTIAL EDUCATIONAL USES

• Alternative delivery method

• Bridging education

• Assessment of Prior learning

• Additional/New Competencies

• Professional Development
NZQA MICROCREDSENTIALS OPPORTUNITIES

Align to formal qualifications

Diploma in Engineering

Recognition of Specialisations

Industry Roles

Align to industry requirements

Professional Development

Industry
DISCUSSION

Questions

Clarifications

Opportunities

Concerns

Comments

Issues
DISCUSSION - FUTURE

Could microcredentials be part of our response?

From “A unified system for all vocational education”