

Open Badges

Making Skills Visible

Cannexus

January 28, 2019

@donpresant

10.1.2017

Portfolio: Don Present

Don Present

Don Present is a senior management consultant and an accomplished producer of multimedia solutions for online learning and collaboration. His track record covers a range of innovative accomplishments spanning over 20 years, with diverse experience in the fields of eLearning, ePortfolio, human capital development, knowledge transfer and community of practice.

Tag: Professional



2017 Keynote: Waterloo University



Curriculum Vitae

Attachments:




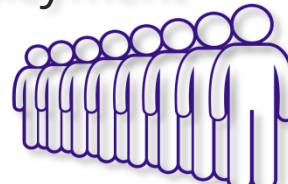
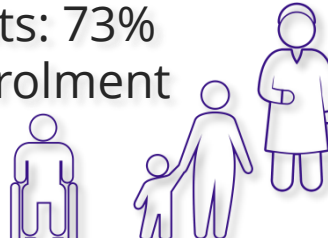

[DonPresent_CV_20170110.pdf](#)

We need better ways to recognize skills

CONTEXT



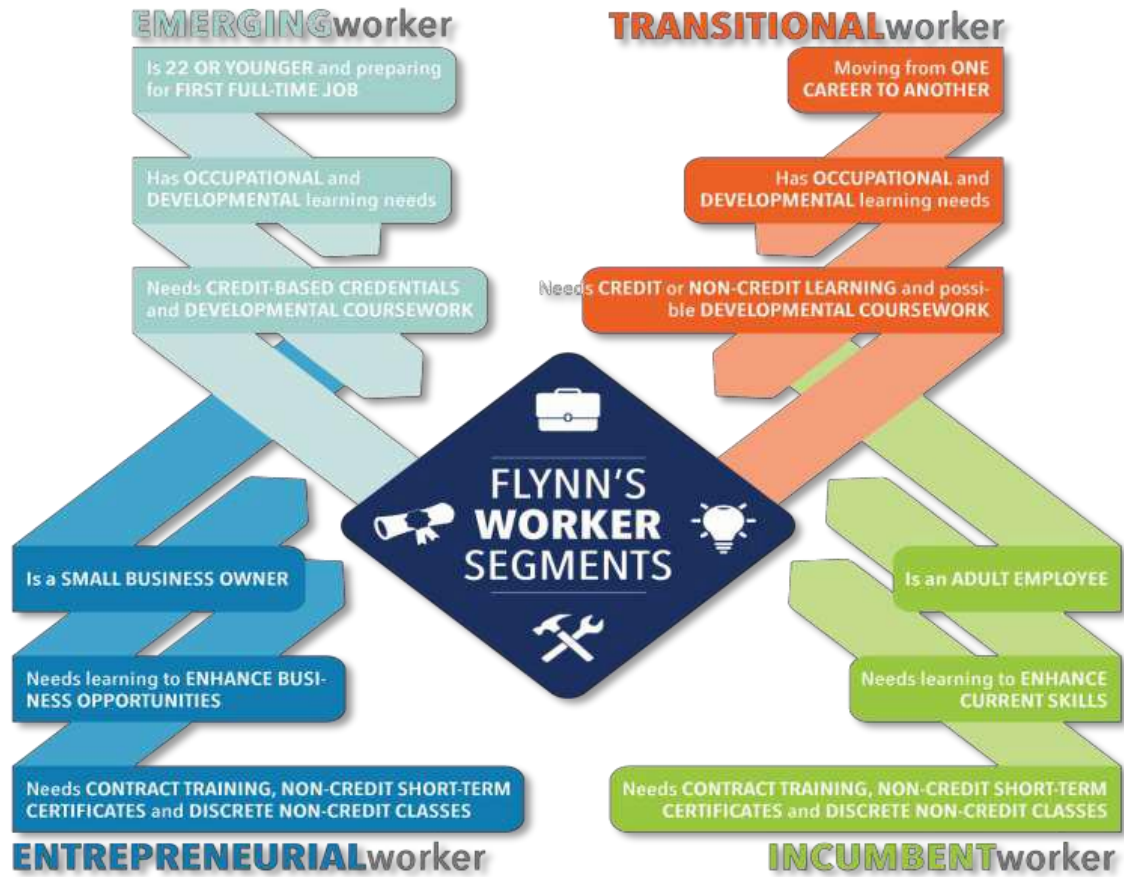
Is there a "Skills Gap"?

<p>critical skills shortages affecting productivity</p> 	<p>rising cost of higher education</p> 	<p>declining degree completion rates</p> 
<p>high youth unemployment</p> 	<p>"non-traditional" students: 73% PSE enrolment</p> 	<p>World of Work: volatile, uncertain, complex, ambiguous</p> 

"traditional" educational approaches can't keep up!



Diverse learners



Seeing the individual



I AM MORE THAN JUST MY GRADES

- HONESTY
- INTEGRITY
- DETERMINATION
- CHARACTER
- SENSE OF HUMOUR
- COLLABORATION
- ENTHUSIASM
- WORK ETHIC
- CREATIVITY
- KINDNESS
- HUMILITY
- CHARITY

@bryanMatters

Jin Yang



Recognition, Validation and Accreditation of Non-formal and Informal Learning in UNESCO Member States



"... all kinds of learning and training outcomes deserve to be valued and validated, regardless of where and how they were obtained."

More than technical skills

Across nearly all industries, the impact of technological and other changes is shortening the shelf-life of employees' existing skill sets.

Overall, social skills such as persuasion, emotional intelligence and teaching others will be in higher demand across industries than narrow technical skills

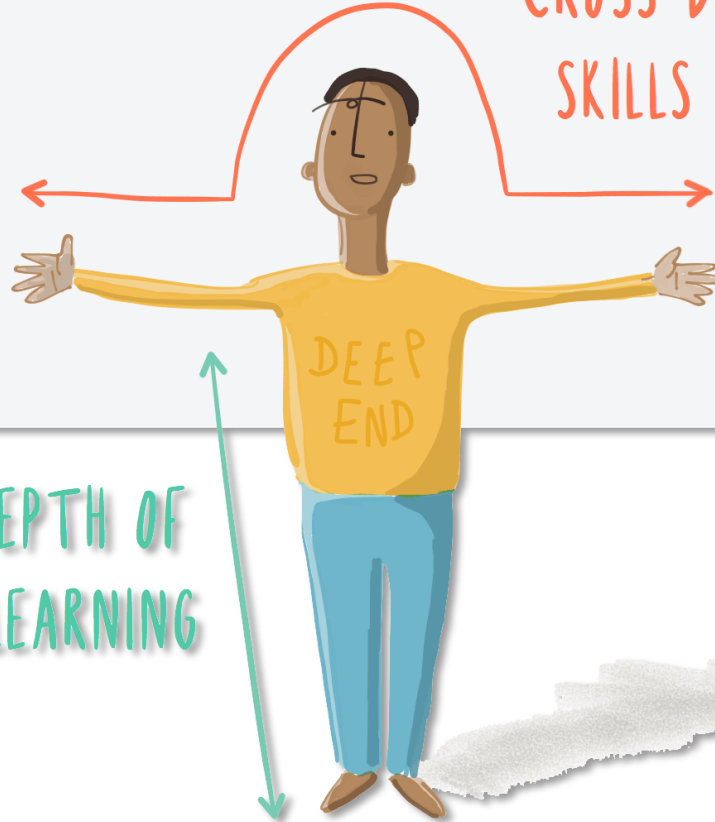


Top 10 Skills in 2020

1. Complex problem solving
2. Critical thinking
3. Creativity
4. People management
5. Coordinating with others
6. Emotional intelligence
7. Judgment & decision making
8. Service orientation
9. Negotiation
10. Cognitive flexibility

THE
"T-SHAPED"
STUDENT

CROSS DOMAIN
SKILLS & ATTITUDES



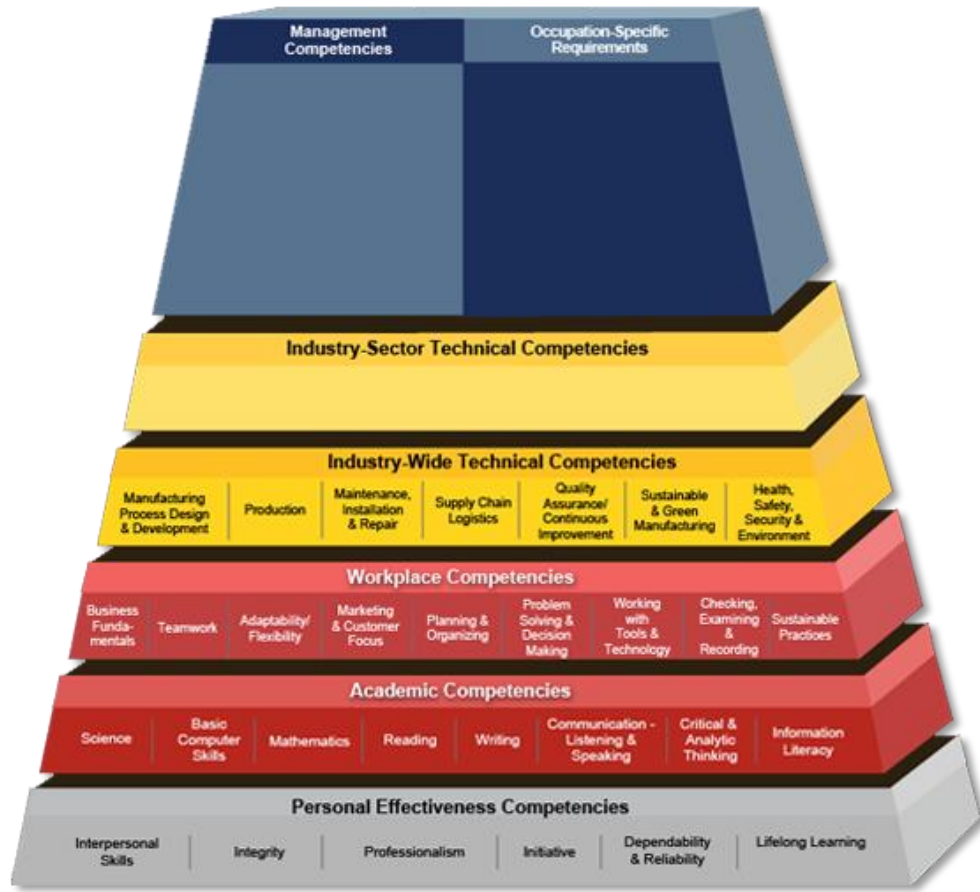
THE DEPTH OF
LEARNING



THOUGHT:
EPIC 2015
BARCELONA

@bryanMmathers

What employers want - The Manufacturing Institute





Calling for a common language for competencies

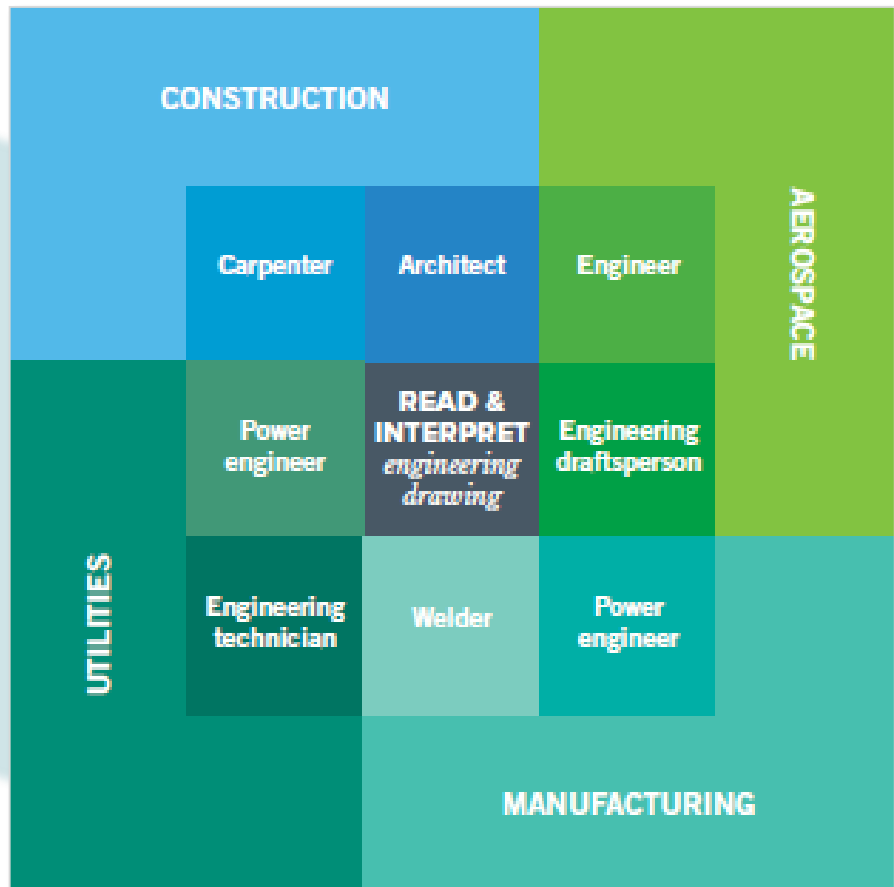
A case for
**PAN-CANADIAN
COMPETENCY
FRAMEWORKS**

MATCHUP

architect
power engineer
geologist
industrial electrician
project manager
network dispatch operator
home inspector

**CANADAWEST
FOUNDATION**

FEBRUARY 2017
JANET LANG &
JEFF GRIFFITHS



Learning in a VUCA world: lifelong, life-wide

Volatile

Uncertain

Complex

Ambiguous

(and often dangerous)



Disruption - Competency Based Learning

Escaping from "seat time"



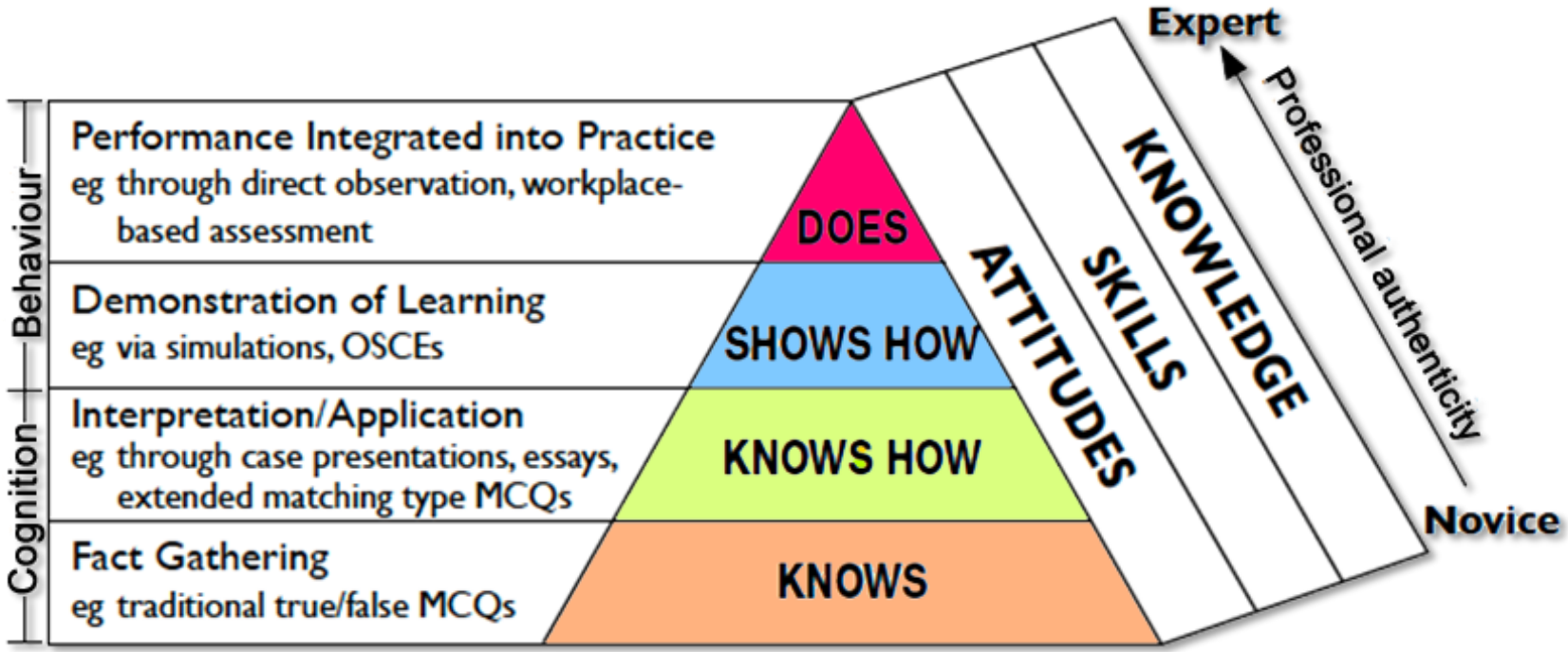
**Harvard
Business
Review**

"... high-quality learning pathways that are affordable, scalable, and tailored to a wide variety of current and *emergent* industries, based on *competencies*, not courses."





Knowing is not doing...



Miller's pyramid for assessing clinical competence



Paper silos: issues with hard copy credentials

Transparency issues

- ❖ OPAQUE: often needs other documents, e.g. syllabus, which is often hard to understand
- ❖ QA mechanisms are often buried
- ❖ Can be hard to authenticate, easy to forge

Recognition issues

- ❖ Lack of context - no links to supporting evidence
- ❖ Experiential learning is typically not valued
- ❖ Transversal skills are typically not tracked
- ❖ Lack of granularity, “stackability”
- ❖ Uncertain alignment, transfer, articulation

Physical issues

- ❖ Difficult to share, easy to lose





- ❖ Non-completed programs
 - ❖ Non-transferable credit for programs completed
- ❖ Multiple educators and trainers without common frameworks = a mishmash of certificates
 - ❖ Certificates get lost
 - ❖ Most learning is based on knowledge transfer, not skills
 - ❖ Life-wide learning is not valued
 - ❖ Fundamental skills are often ignored
- ❖ Neither intra-personal or inter-personal skills are typically taught

Currency for Recognition

OPEN BADGES



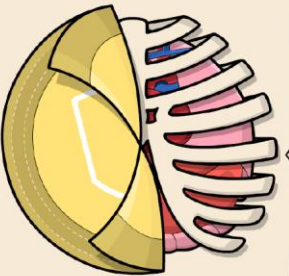
Open Badge – micro-credential... or *alternative* credential?

Portable record of learning, owned by the learner

A digital representation of an skill, accomplishment or affiliation that is visual, shareable online and contains credentialing information in standardized format, including trusted links that help explain the context, meaning, process and result of an activity.

The open standard enables the earner to share the badge beyond the context where it was earned.

CC BY-SA Kyle Bowen



Badge image

- Badge name
- Description
- Criteria
- Issuer
- Evidence
- Date issued
- Standards
- Tags

OPEN BADGES
ANATOMY

Flexible learning pathways

- modular, stackable, laddered, multi-source, remixable

Clear progress markers

- motivating learners, supporting advisors

Visual branding

- issuers and earners

Online trust system

- demonstrate skills & capabilities
- backed by issuer
- track learning impact



Badge example

ABOUT NEWS FAQ LOGIN

EMPLOYABILITY PRACTITIONER CPD - ENGAGE

Issued by: OBA
Issued on: 25.3.2017
Metadata: Open assertion...
Earner: Don Present

The Practitioner awarded this digital credential has engaged with the 'Learning to be employable' report developed by the City & Guilds Alliance. One task needs to be completed to earn this badge (3 CPD hours assigned).

CRITERIA

Open criteria...

EVIDENCE

Open evidence page...

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Powered by Open Badge Factory ®. Open Badge Factory ® is a registered trademark



Task 1 | Evaluate the report

Employability Skills Can Be Learned

As someone who tracks the recognition of learning and achievement using Open Badges, I found Learning to be Employable, a report from UK's City & Guilds a very interesting read, despite its narrow focus on Further Education (FE). Although this report focused on youth in vocational programs, there was lots here that can be adapted to other groups along the spectrum of lifelong learning.

First Part: What Are Employability Skills and Which Are Most Important?

I found this section (actually two sections) the most difficult. I guess I was expecting a simplification of an area I've found difficult to pin down (I sometimes call soft skills "slippery skills", because getting them to line up nicely is like trying to nail jello to a wall.)

Summary

This report joins my library of resources on soft skills and I'll be following up on many of the references cited in it.

I do like the City & Guilds approach of focusing on PD of instructors using Open Badges for reflective learning. This makes for better change management for one thing, getting instructors to reflect on the changes needed. Also, the Scottish Social Services Council has discovered that the reflections contained in such badges are a great source of feedback and qualitative research. I'm sure that City & Guilds will also find this.

learning agents inc.

Don Present
President at Learning Agents, CanCred.ca
Concordia University

Accomplishments

7 Certifications

- Ontario Open Badges Forum 2017 - Igniter
Dec 2017 - Present • License: OPENBADGE-165
@eCampusOntario
[See certificate](#)
- Social Media Marketing for Small Business
Apr 2017 - Present
LinkedIn
[See certificate](#)
- Employability Practitioner CPD - Engage**
Mar 2017 - Present • License: CANCREDPASSPORT-357
City & Guilds
[See certificate](#)
- BC Open Badges Forum 2017 - Reflector
Feb 2017 - Present • License: CANCREDPASSPORT-310
CanCred.ca
[See certificate](#)
- BC Open Badges Forum Instigator
Feb 2017 - Present • License: 20170217
CanCred.ca
[See certificate](#)

Show more

Mapping badgespace

Standards-based
& interoperable



No image requirement



Some ways to recognize with Open Badges

-  Program/course/module completion
eLearning or Face to Face; “high stakes” or “light touch”;
developmental or compliance
-  Competency certification
Can be **flexible assessment**: exams, portfolios,
skills demonstrations, etc.
-  Membership
Associations, organisations,
professional bodies
-  Experience, expertise, service, achievements
Missions, years of service,
professional contributions
-  Values, interests, goals
Self-issued, endorsable by others



Learning pathways – micro-learning, micro-credentials

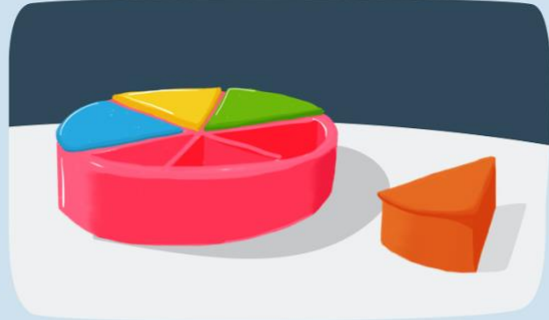
STEPPING STONES



SEQUENTIAL NON-LINEAR

PRESCRIPTIVE DESCRIPTIVE

COLLECTION



SEQUENTIAL NON-LINEAR

PRESCRIPTIVE DESCRIPTIVE

CONSTELLATION



SEQUENTIAL NON-LINEAR

PRESCRIPTIVE DESCRIPTIVE

@bryanMMathers

WHAT'S A BADGE REALLY WORTH?

VALUE



=

ISSUER VALUE

+

MEANING VALUE

+

ENDORSEMENT VALUE

+

JOURNEY VALUE

)



VIEWER PERCEPTION



Badges: transparent lenses to focus on different aspects of learning



Digital tender for a skills economy



Within and beyond education

EXAMPLES



Supporter to Reporter (S2R-UK)

Transforming interests into skills



Project based learning programme that develops skills and confidence through sports reporting.



At risk populations

Building employability from a public housing base



Awarded for completing the mandatory induction process for academy trainees



Awarded for completing essential online training relevant to academy trainees



Awarded for the completion of training relevant to health and safety within Newport City Homes



Awarded to all trainees who have completed the initial six months of experience with Newport City Homes and who have moved onto further training or work as a result of the programme



“The main aim of the programme is to help trainees gain the experience and credentials to move on (to employment).”



Colorado State University Extension

Granular learning pathways



Community focused
Industry driven
Learner centric
Ecosystem friendly

“...an opportunity to facilitate large numbers of learners from across the world with just-in-time education from a multitude of educational providers.”

Sample badge





Trades Certification - City & Guilds / Worldchefs


















Issued using sharable Open Badges





World Education Services – Credential evaluation badges

✓ Benefits of the WES badge

 For applicants:	 INTERNATIONAL ACADEMIC QUALIFICATIONS WES	 For employers:
 Free of charge		 Make sound hiring decisions
 Awarded by WES, a recognized credential evaluation non-profit		 Build a diverse, skilled, and qualified team
 Differentiates you from other candidates		 Verify a candidate's educational qualifications
 Provides one-click verification of your international education		 Reduce the HR administrative burden
 Increases your marketability to employers		 Lower the risk of candidate fraud
 Provides one place to collect and manage all your credentials		 Avoid the costs, inconvenience, and risk of unqualified hires

BADGE IS PAID OPTION – LINKED TO THE ARCHIVED EVALUATION



Engilgated assessment, micro-certification



PHAP Credentialing Program

The PHAP Credentialing Program currently offers certifications for humanitarian practitioners in three defined competency areas:



[Interested in pursuing certification? Explore the next steps](#)

[Access the free Diagnostic Tests and other tools and guidance](#)

[What are the key characteristics of the PHAP Credentialing Program?](#)

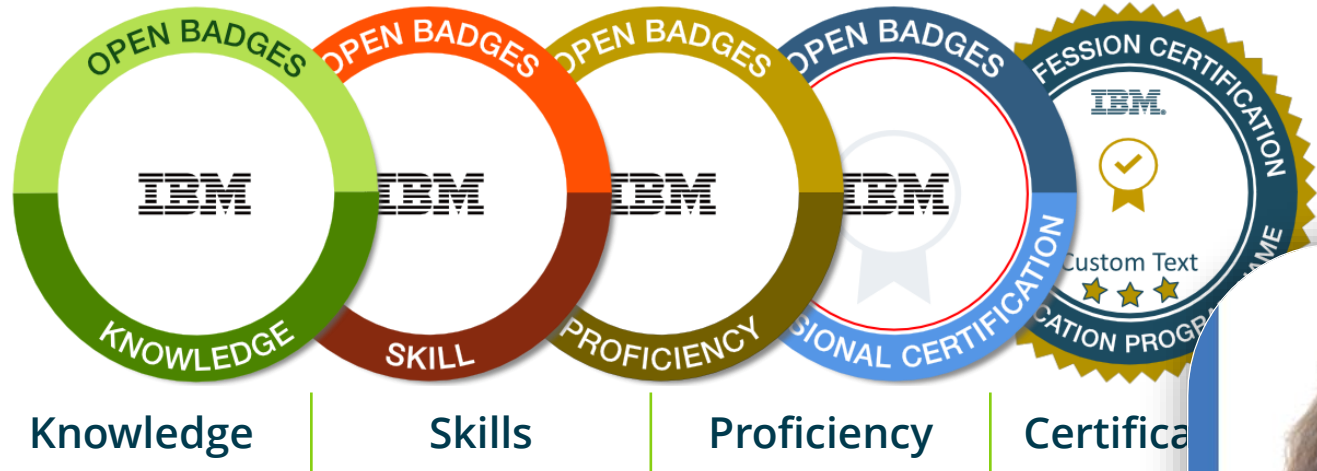
[Why certification?](#)

[How were these first three certifications developed and by whom?](#)



IBM Badges

“Badging is how we will measure **resume-worthy** IBM skills in the market”



Success Story

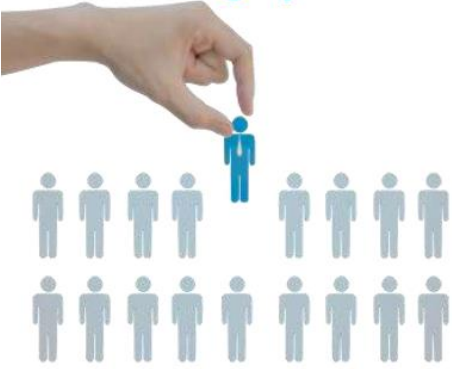
“I was having a tough time finding a job as my computer skills were considered out of date and the IBM badges were the perfect way to show employers that I could easily get back up to speed & learn new skills.”



Workforce skills mapping across IBM

IBM Readiness

Digital badges are creating **heat maps of advocates, skills and skill gaps** to inform business strategies







IBM Digital Badges provide the ability to create heat maps to...

- ✓ Understand distribution of talent
- ✓ Identify where skill gaps exist

These are brand influencers and advocates for your company!

IBM Badges as digital transcripts for credit at Northeastern



	IBM Associate Project Manager	1 course or 4 Quarter Hours (PJM 5900)
	IBM Advisory Project Manager	1 course or 4 Quarter Hours (PJM 5900)
	IBM Senior Project Manager	2 courses or 7 Quarter Hours (PJM 5900 & PJM 6000)
	IBM Executive Project Manager	3 courses or 10 Quarter Hours (PJM 5900, PJM 6000, & 1 PJM Elective)

northeastern.edu

Northeastern University + IBM: Turning digital badges into academic credentials will create opportunities and better college graduates

The power of trusting others

RECOGNITION NETWORKS



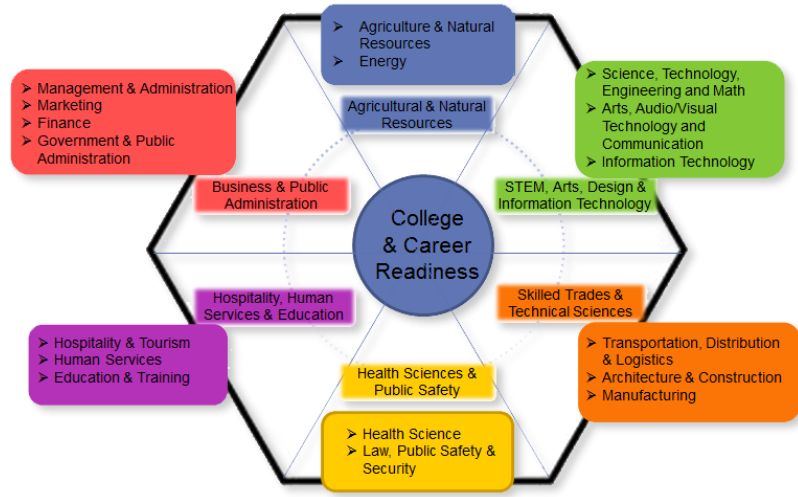
Colorado – A cross-sectoral network



Aurora Public Schools



Career Cluster Model



Employer Engagement

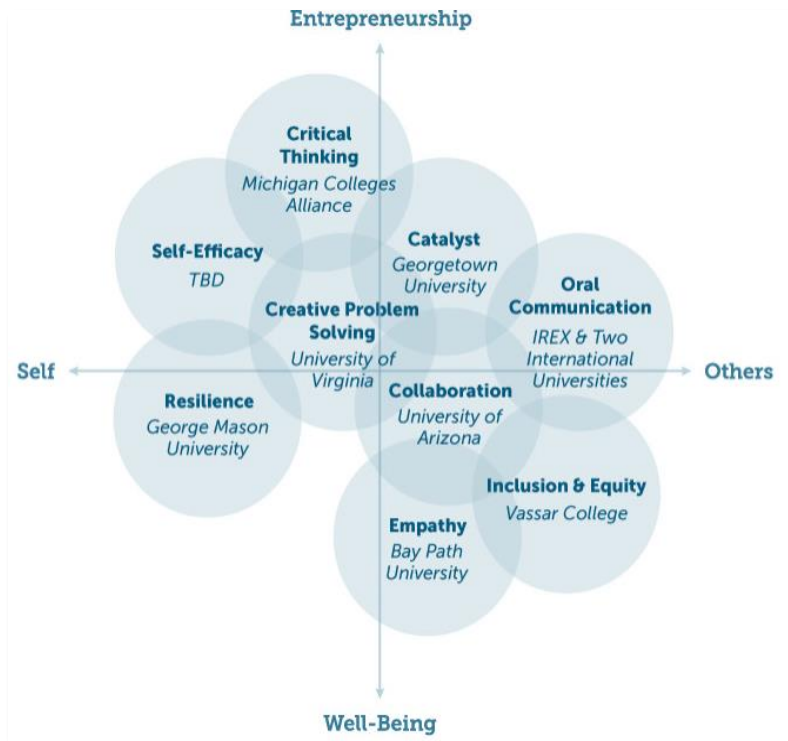
Sponsor Employers:
"We value these badges."

Endorser Employers:
"We unlock opportunities for earners of these badges."



21st Century Skills Badging Challenge

Cross-sectoral, scalable networks



University Partners		Employer Partners	



HPass

**Access
Share
Learn
Recognise
Inspire**

GO TO MYHPASS

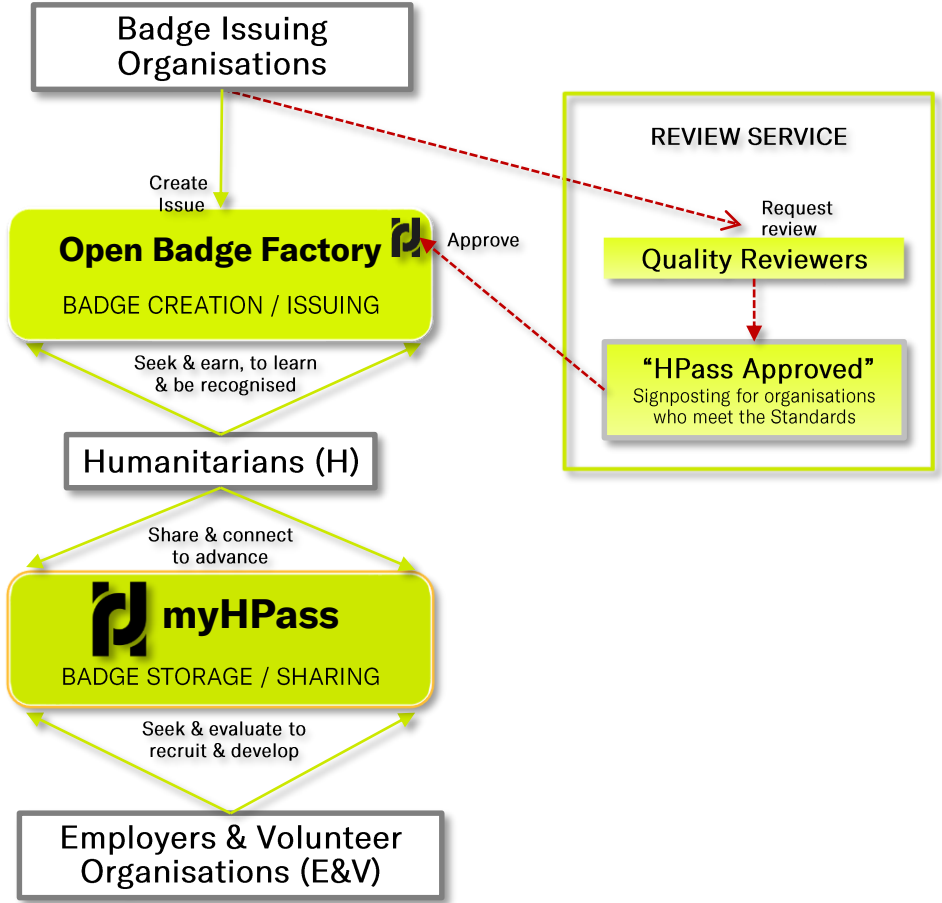
SUPPORTING AND STRENGTHENING HUMANITARIANS EVERYWHERE



Alignment to quality standards

Humanitarian Learning Standards

Standards for the Assessment of Humanitarian Competencies





WVI DISASTER MANAGEMENT FOUNDATIONS COURSE

This orientation course is a series of modules covering foundational core topics in Disaster Management. Each module is designed to support staff in demonstrating critical behaviors from World Vision's Core Humanitarian Competency Framework (based on the Humanitarian Industry's

The badge represents 30+ hours of learning representing both internal, WV-specific Disaster Management policies and protocols as well as externally relevant standards and principles such as Sphere, CHS Alliance, ICRC, CPMS and more.

The course combines approximately 6 hours of WV-specific eLearning modules, combined with recognition of externally provided eLearning opportunities, including **Sphere's eLearning module**; RCCC reading materials and quiz; IMC, Concern Worldwide and the Harvard Humanitarian Initiative “**Building a Better Response**”; **Core Humanitarian Standard (CHS)** eLearning modules and more.

Where there are externally provided certificates, learners must upload their certificates as proof of completion. Where there are no certificates or only reading required, learners must complete quizzes with a pass level of 80%.

“Thinking agile”

EXPLORING OPEN BADGES



Are you a potential Open Badges issuer?

Some questions to ask:

Do you train or assess learning and skills?

deliver courses? assess learning?

Behavioural goals?

engagement? feedback? recognition? development? skills frameworks?

Value add?

worth the effort? filling a void? marketing ROI?

Redeemable worth?

what will your badges “buy”? have you talked to employers? learners?

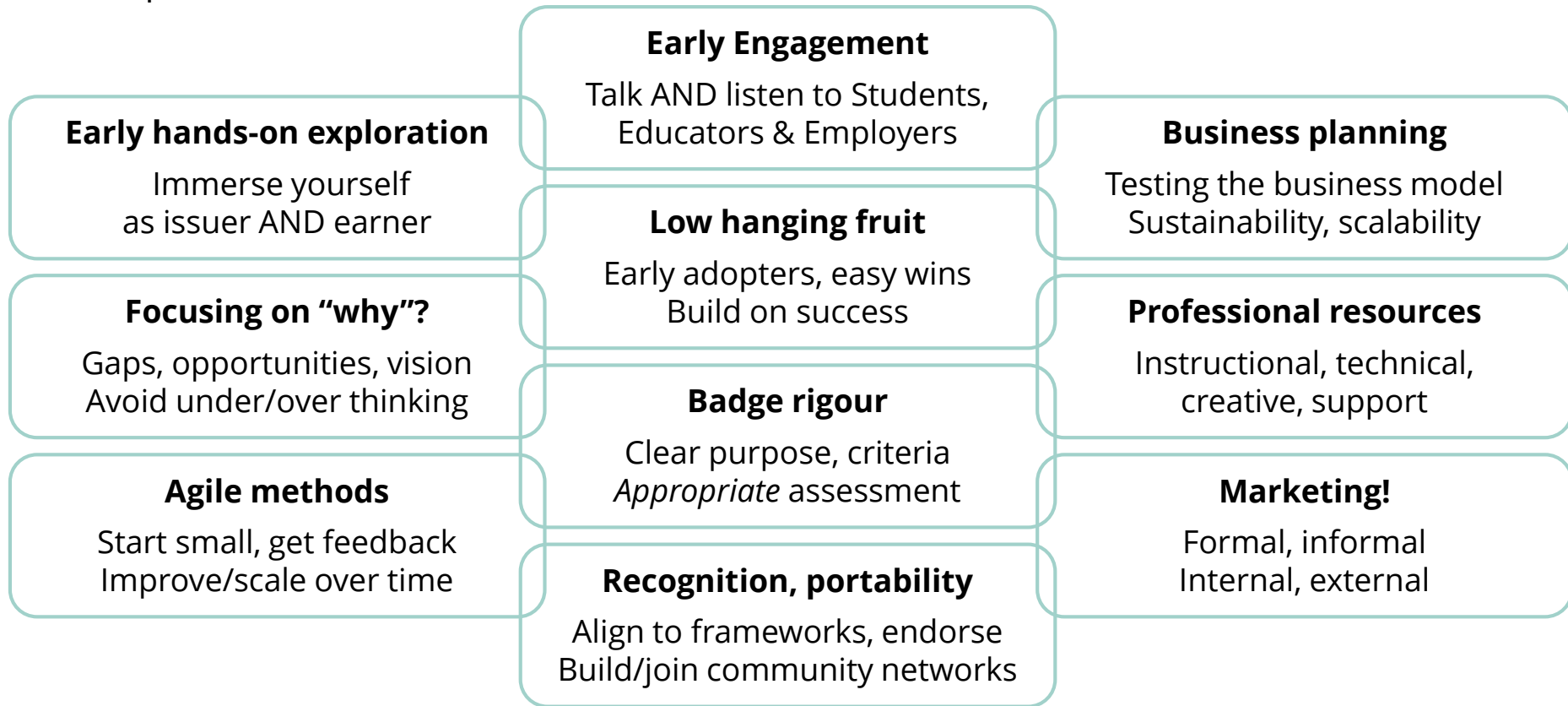
Sustainability?

cost structure? who will maintain & improve it over time?



Early steps as an Open Badge issuer

Effective practices





Education, training and credentials

- Advanced Degree
- Advanced Certificate
- Associate's Degree
- Military Specialization

- Apprenticeship
- Licensure
- Occupational Certification

- On-the-Job Training
- Certificate
- College Courses
- Military Training

- Industry Intro Course
- Contextualized Learning
- Apprenticeship

- Contextualized Learning
- Military Service
- Work Readiness Certificate
- High School Diploma

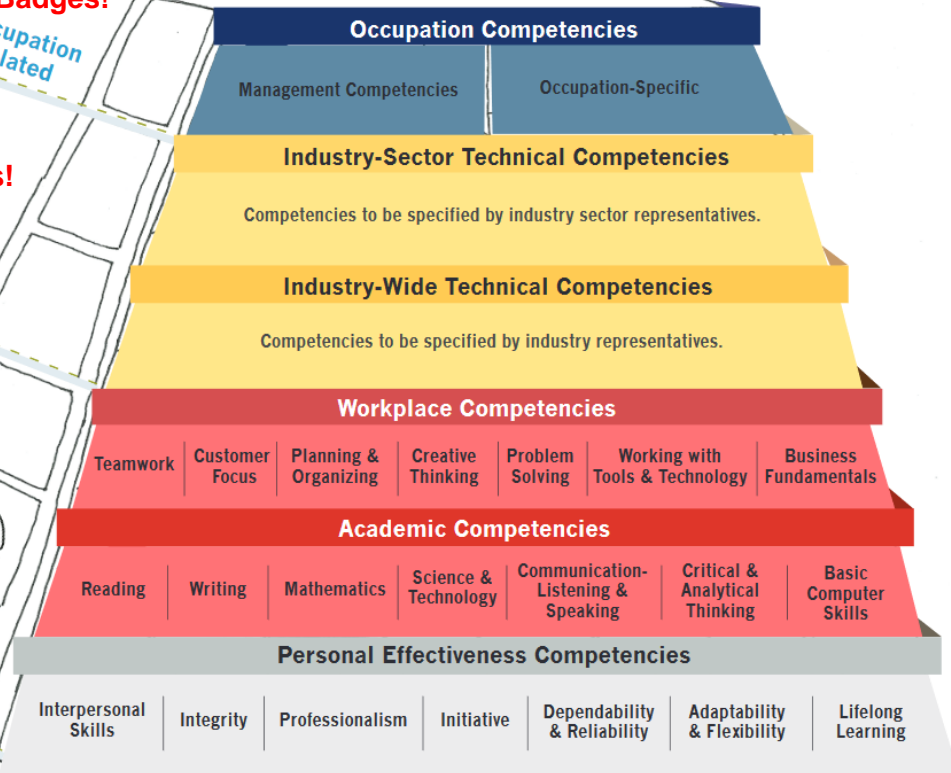
- Adult Basic Education
- On-the-Job Training
- Pre-Apprenticeship
- GED

Badges!
Occupation Related

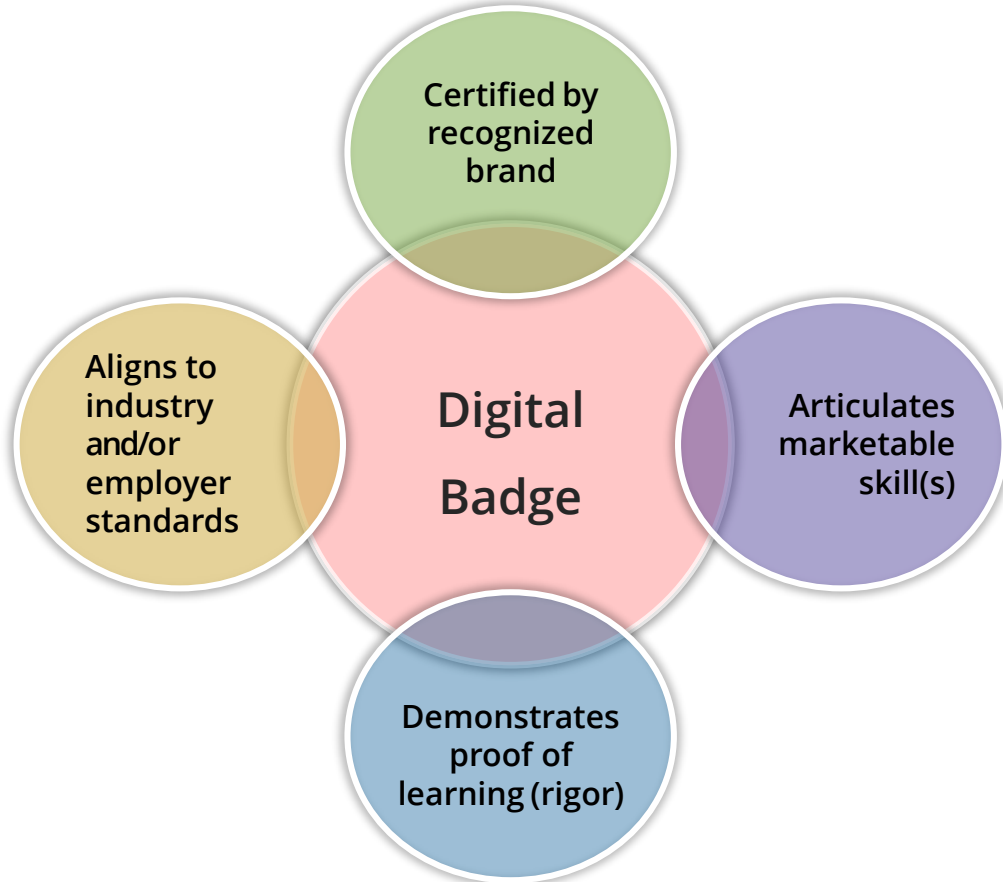
Badges!
Industry Related

Badges!

Foundational

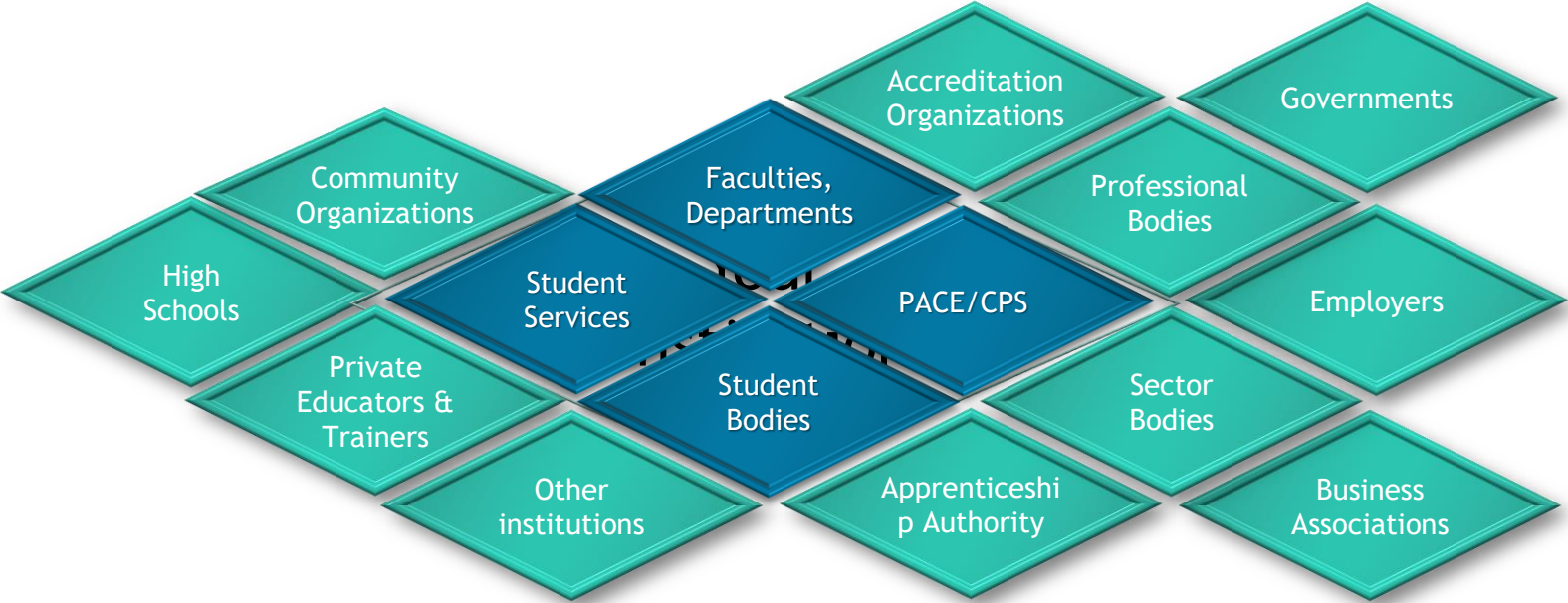


Practical method to create a digital badge with recognition value



1. Define your purpose for digital badge
2. Determine required and/or supplemental course material
3. Review current and/or create new curriculum
4. Identify course learning objectives
5. Align learning objectives with national/employer standards

PSE ecosystems



Post-Secondary Preparation

Undergraduate Studies

Professional Education

Post-Graduate Studies

ConEd, CPD Contract Training



Canada's Open Badges solution



Want to **issue and manage** Open Badges?



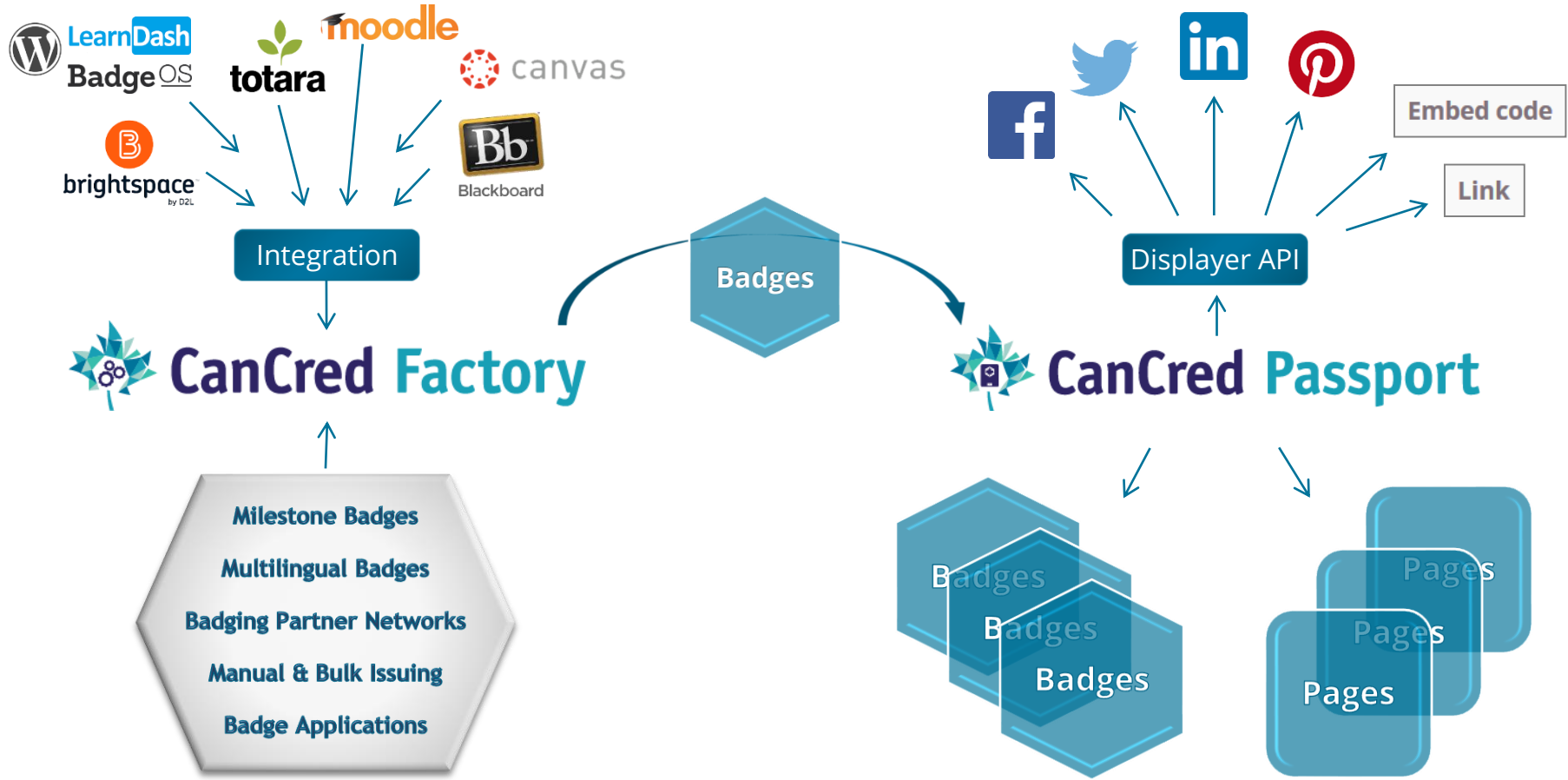
CanCred Factory is a secure cloud service for organizations to issue trusted digital credentials based on Open Badges

Want to **store and share** your own Open Badges?



CanCred Passport is a free, easy to use home in the cloud for Open Badges that you've earned for yourself

CanCred ecosystem





Key benefits of CanCred

Multilingual platform / badges

... site web sera traduit bientôt!

Supports recognition networks

Badge sharing (distributed issuing network)

Framework Alignment (shared frameworks coming)

Issuer and badge endorsement

Flexible integration with Learning Management Systems & other platforms

Free companion service: CanCred Passport

Hosted in Canada by and for Canadians



Badge Canvas - for designing recognition

BADGE NAME*: _____

WHO?	WHY?	WHAT?		
<p><i>Provide clear descriptions of the stakeholders for this badge</i></p> <p>EARNER: <i>Who will earn the badge?</i></p> <p>ISSUER: <i>Organization:</i></p> <p><i>Person responsible (Owner):</i></p> <p>VIEWER/AUDIENCE: <i>Also called the "badge consumer"</i></p> <p>ENDORSER? <i>Who can provide formal or informal approval? Employer? Association? Quality organization?</i></p>	<p>RECOGNITION VALUE: <i>Is this badge a progress marker or more than that? Will it have only internal value or will it be externally recognized?</i></p> <p>EARNER: <i>Why will they value it?</i></p> <p>ISSUER: <i>How does this badge further your mission?</i></p> <p>VIEWER/AUDIENCE: <i>What will this badge tell the viewer about the earner? Why will they care?</i></p> <p>ENDORSER? <i>Why would they endorse it? Will they charge you for this?</i></p>	<p>BADGE TYPE / TAXONOMY <i>(circle/highlight/ada)</i></p> <p><i>Summative or formative?</i></p> <p><i>Learning outcome, skill, capability?</i></p> <p><i>Award, honour, achievement?</i></p> <p><i>Interest, activity, attitude, value?</i></p> <p><i>Attendance, participation, membership?</i></p> <p><i>Other? (add below)</i></p>	<p>DESCRIPTION* (mandatory) <i>The "recognition story" of the badge - as simple, short and unique as you can.</i></p>	<p>TAGS (optional) <i>What keywords can help find this badge?</i></p>
		<p>PURPOSE / BEHAVIOURS <i>What is the mission of your badge? What will it recognize? What behaviours will it encourage? Where can it lead?</i></p>	<p>CRITERIA* (mandatory) <i>Key to the value of the badge - what's required to earn it? How much effort? If there is assessment, see box to the right.</i></p>	<p>ASSESSMENT <i>Course quiz? Standardized test? Evidence package/portfolio? Demonstration? Interview? Other? Expert-peer-self-assessed?</i></p>
				<p>EVIDENCE (optional) <i>Do the criteria require/allow evidence? Where will the evidence be kept? How long will it be kept?</i></p>
<p>BADGE SYSTEM STRUCTURE <i>Does this badge fit into a larger framework? How? Are there levels? Sequences or clusters of badges? Milestone badges?</i></p>		<p>BADGE IMAGE (mandatory) <i>How will the visual image of your badge support its mission and meaning? How will it fit in with the other badges you issue?</i></p>		<p>ALIGNMENT (optional) <i>Does the badge align with a skills framework or quality standard?</i></p>



Badging Fundamentals A Hands-on Workbook

Revised August 8, 2018

- INTRODUCTION..... 3
- ABOUT THIS GUIDE..... 3
 - Support Documents for this guide..... 3
- OPEN BADGES IN CANCRED – OVERVIEW..... 3
- ABOUT THE BADGING FUNDAMENTALS LEARNING PATHWAY..... 4
 - Badges you will earn..... 4
- LEARNING PATHWAY: BADGING FUNDAMENTALS..... 6
- STEP 1: VIEW THE INTRODUCTORY VIDEO AND EARN YOUR FIRST BADGE..... 6
- STEP 2: REGISTER YOUR ORGANISATION ON CANCRED FACTORY 7
- STEP 3: TAKE THE CANCRED FACTORY TOUR..... 8
- STEP 4: EDIT YOUR ORGANISATION'S DIGITAL IDENTITY ON CANCRED FACTORY 9
- STEP 5: CREATE A TEST BADGE..... 13
- STEP 6: ISSUE AND ACCEPT YOUR TEST BADGE..... 14
- STEP 7: SHARE YOUR CANCRED FACTORY USER BADGE..... 16
- STEP 8: EXPLORE OTHER WAYS TO ISSUE AND ADD VALUE TO YOUR BADGES 17
 - 8a: Translate your badge 17
 - 8b: Create a badge application..... 18
 - 8c: Align your badge to a framework or standard..... 19
 - 8d: Upload your CanCred User badge to eCampusOntario Open Badge Passport..... 19
 - 8e: Create a Page in eCampusOntario Open Badge Passport for your badges and other evidence..... 20
 - 8f: Build a badge pathway to a Milestone badge 20
- STEP 9: PLAN A (SIMPLE) BADGE SYSTEM USING A WORKBOOK..... 21
- STEP 10: APPLY FOR YOUR CANCRED BADGING FUNDAMENTALS BADGE 22
- STEP 11: GET YOUR CANCRED FACTORY ACCOUNT CONNECTED TO ECAMPUSONTARIO OPEN BADGE PASSPORT 22
- FEEDBACK AND FURTHER OPTIONS..... 24



Plan: Badge System Design Workbook

Badge System Design Workbook



You can use a printout or the electronic version of this document to help guide your system. It's a good idea to cycle through what will occur to you at different points of a team, consider answering these questions.

System title
List badges by names/working titles, group appropriate.
Do you plan one integrated badge system or developing different systems for different audiences? If more than one, compile separately for each system.

System goals
What are the primary goals of your system? What would you like this system to do? How will a badge earner grow and be valued in this system?
Who are the stakeholders and how valued and used?
For example, if employability is a goal, how will the badge help you engage employers to learn what kind of value and how they might use it?
Similarly, if Professional Development is a goal, how will the badge help you transition into goals, how will the badge help you?

System team
Content owner(s)
Different people may be responsible for different badges.
Technical owner(s)
Who is responsible for the technical aspects of the badge system? Is it a team?
Visual owner
Who is responsible for the visual design of the badge system? Does this include branding or marketing?
Other departments
Are there other parts of your organization that will be involved in the design of your badge system? Is it a team now or later?

System structure

System Badges

Badge types

How would you characterize your badge? Do you have a learning outcome or set of outcomes? An competency?

(SEE BADGE TYPES BELOW; SUMMARIZE HERE)

Pathways
Individual badges? Leveled badges?
Linear sequences? Clusters with choice?
Self-directed pathways?

Will you recognize external badges that meet standards?

Naming conventions
Do you have a system for naming? How are you naming your badges conceptually?

A naming system can be dynamic, creative, straightforward or a mix. Consider both your badge earners and badge viewers when naming your badges.

Visual design

What combination of colours, shapes, logo, will best display the topics, relative importance, granularity of your badges?

NB: If you use multiple languages in your badge system, consider avoiding the use of text in your visual design.

SUMMARIZE HERE, SUPPLEMENT WITH SEPARATE DOCUMENTS

Badge technology

Issuing technology
In CanCred Factory, badges can be issued manually by email, perhaps after a live workshop, or via assessed or automated "badge application" forms.
You can also issue badges via LMS plugin using Factory's Open API and/or the Learning Tools Interoperability (LTI) standard. (See more detail at: openbadgefactory.com/developers)
Do you envision issuing badges via your LMS? What about through other platforms?

(High level approach here; you can decide on a badge by badge basis)

Storage and sharing technology
By default, badges issued from CanCred Factory are directed to CanCred Passport, a free storage and sharing service for badge earners.
Alternatively, badges may be directed to a dedicated Passport if you have one, or the permission of an organization who does have one.
Badges stored on CanCred Passport may be shared directly via link or on social media.

Badges may also be published on Passport Pages with other content as "micro-portfolios", with other content such as explanatory text, uploaded documents, images or even embedded video.

Badges may also be displayed in other platforms such as dedicated ePortfolios (e.g. Mahara), blogs or in virtual communities.

Training and Support

How will you ensure badge issuers and earners can use your badge system effectively?

Documentation? Workshops? Clinics? Help Desk? Community forums?

Communications and Marketing

What are your key messages? Do they vary by stakeholder?

What channels will you use to market your badge system? What steps will you take as you build early support, then develop and launch the system?

How will you market in the longer term?

Sustainability

How will you ensure the quality of your badge system?
Will you seek third party endorsement? From whom?

How will you monitor the badges during their life cycle?

How will you know if your badge system is a success and/or if it needs improvement?

What resources are required to keep your badge system running?

What new partners can you try to engage?

SWOT Analysis

What are the key environmental drivers or strengths of the program itself?

Where are the issues: environmental barriers, "opportunities for improvement", or...?

What things could happen that would have a positive impact? Could be external or internal

What things could happen that would have a negative impact? Could be external or internal.

Support for Badge Earners

Quality assurance & improvement

Ongoing resources

Badge Types

Based on: <https://ibchem.wordpress.com/2015/02/28/digital-badges-open-badges-taxonomy/>

Please treat this as a menu of ideas rather than a prescription for your badge system. Feel free to edit: add, delete, annotate...

1 Content-related categories (what the badge represents)

- 1.1 Achievement badges (demonstration of achievements)
- 1.2 Competence badges (demonstration of knowledge, skills, competence).
 - 1.2.1 Technical competence ("vertical")
 - 1.2.2 Transversal competence ("horizontal")
- 1.3 Potential badges (indicators of future performance, e.g. learning contracts)
- 1.4 Participation badges (evidence of participation, e.g. events) (suggest you go easy on these, to avoid "badge inflation")
- 1.5 Membership badges (represents membership, e.g. club)
- 1.6 Commitment, "interest" badges (attitudes, values, beliefs, interests)
- 1.7 Encouragement badges ("good work" stamps) (again, use with care to avoid devaluation of other badges)

2 Issuer-related categories (who issued the badge)

- 2.1 Organizational badges (issued by university, employer)
- 2.2 Team badges (issued by teams, groups)
- 2.3 Expert badges (issued by an expert)
- 2.4 Social badges (issued by peers, communities)
- 2.5 Endorser badge (endorsed by an organisation, expert etc.)
- 2.6 Claimed badge (self-issued, possibly later endorsed)

3 Process-related categories (how the badge was achieved)

- 3.1 Activity badges (based on single measurable learning activity)
- 3.2 Mission badges (based on a series of activities)
- 3.3 Assignment badges (based on completing a single assignment)
- 3.4 Composite or Milestone badges (achieved by earning multiple smaller badges)
- 3.5 Progress badges (based on the progress on a given task)
- 3.6 Grade badges (based on formal grades) (Avoid confusion - how does the badge add value?)
- 3.7 Level badges (e.g. levels of complexity)

4 Earner categories (identity of earner)

- 4.1 Individual
- 4.2 Organization

Alignment & Endorsement synergy

Alignment

+ Endorsement

= "Secret sauce"

Skills Frameworks

Post Secondary Institutions

Industry Associations

Accreditation Organizations

Qualification Level Frameworks



Badge Earners (ROADMAP)



Professional & Industrial Standards

Employers

Standards Bodies

Professional Bodies

High Value Badges



Other Canadian badge initiatives



Inclusive Design
Research Centre



Canadian Association for
Prior Learning Assessment



Mining Industry
Human Resources Council



Sirius
Wilderness Medicine

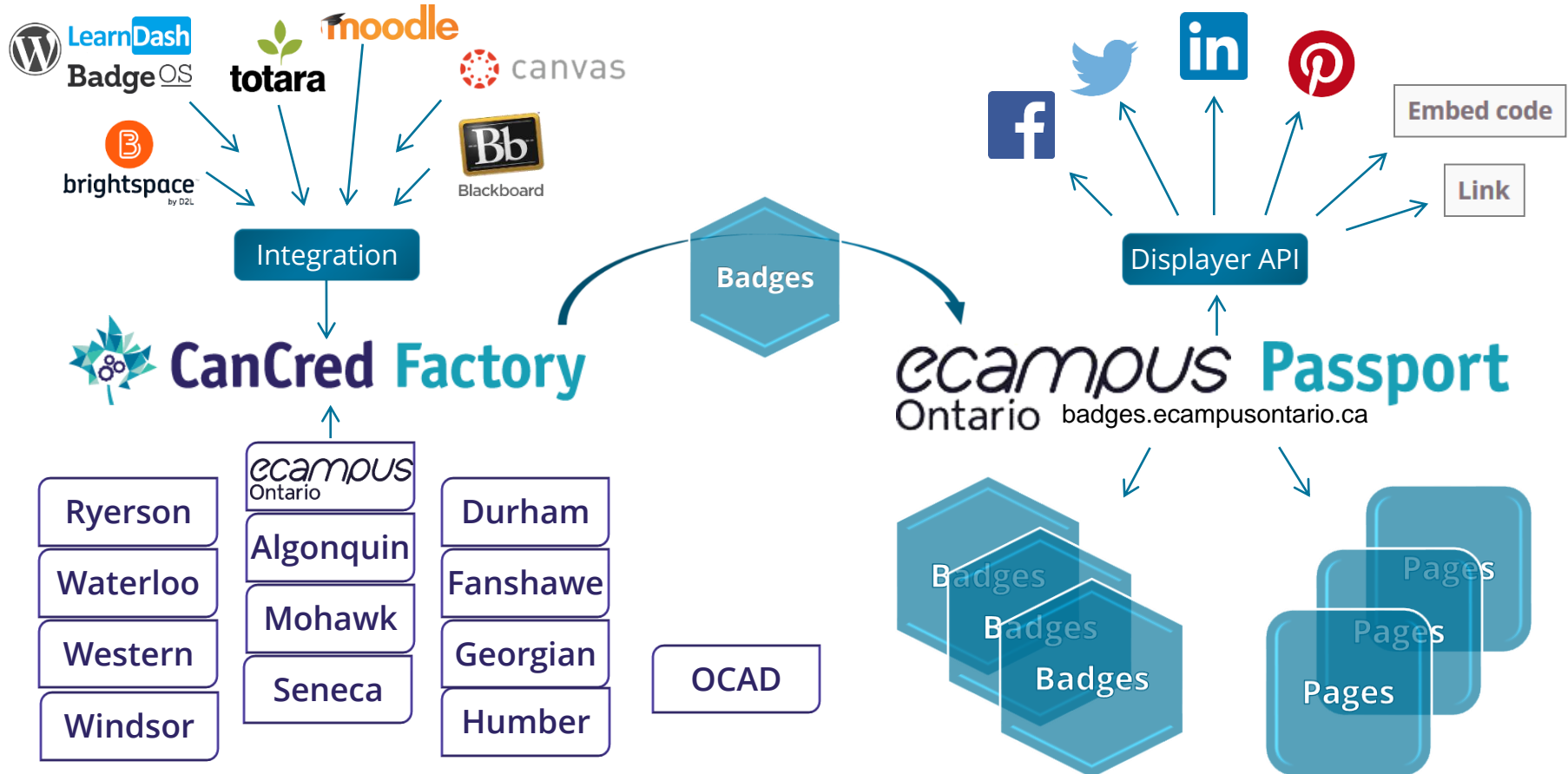


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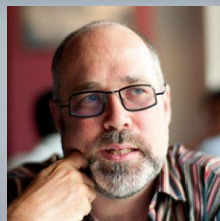
Manitoba Federation of
Non-Profit Organizations

eCampus Ontario Network



March 1 2019

ecampus
Ontario



Keynote: Mark Surman

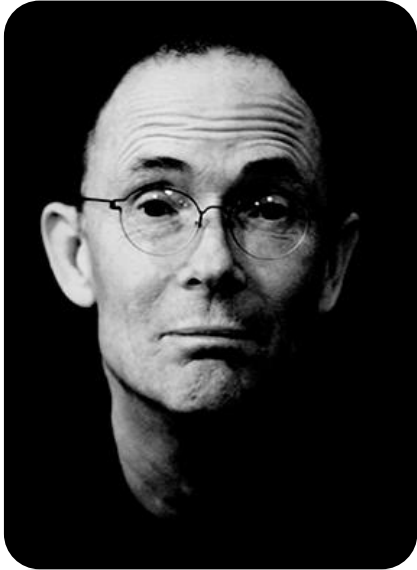


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OPEN BADGE FORUM 2019

Free registration: bit.do/OOBF2019



The future is already here;
it's just not very evenly distributed
.

William Gibson



Earn a badge: reflect on this presentation



bit.ly/OBExplore

The event I attended was: *

e.g. Cannexus 2019 presentation, hands-on workshop, etc.

What I learned: *

50 - 250 words

How I may use what I learned: *

50 - 250 words



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by Learning Agents

Questions?

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