

College-Nuclear Industry Collaboration – A Case Study - Ensuring Skilled Nuclear Workers in Ontario, Canada

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Our Mission

Student and community success



Our Vision

A leader in education and applied research, challenging boundaries in a world shaped by the Fourth Industrial Revolution



Our Students

Prepare students to succeed in a world of constant economic, environmental and social change

- Delivery, Programs and Credentials
- Exceptional Student Services
- Collaborative Learning



Our People

Prepare students to succeed in a world of constant economic, environmental and social change

- Engaged Healthy Employees
- Diverse Inclusive Communities



Our Local & Global Community

Promote inclusivity, fairness and understanding to prepare students for a complex and interdependent world

- Collaborative Leadership of Truth and Reconciliation
- Internationalization of our College and Community
- Support Prosperity in our Rural Community through Research, Innovation & Entrepreneurship

Innovation Institute

- **The Innovation Institute** will be a place where we **experiment, launch, create, develop, produce, research and commercialize.**
- Three key elements:
 - **Academic Design and Development:**
Design House, Program and Product Design and Development, Hybrid Learning, Online Education, Design Sandbox

Innovation Institute

- **Innovative Business Services:**
Business Support,
Commercialization,
Entrepreneurship, Intellectual
Property Management and
Business Analysis

Innovation Institute

- **Applied Research and Innovation:** Information Technology and Communication Research Centre, Automation and Advanced Manufacturing

Academic Design and Development - Design House

- A comprehensive in-house service design facility that provides flexible online learning options that exceed international quality standards for credit courses & modules (internal) as well as clients in corporate training (external)
- <https://www.lambtoncollege.ca/designhouse/>

Development Excellence

All development incorporates the following:

- Quality Matters (QM) - International quality control standard recognized for online course development
- Accessibility for Ontarians with Disabilities (AODA)
- Web Content Accessibility Guidelines (WCAG) 2.0 standard

Scalable and Sustainable

External Development: Corporate
Private/Public partnerships

Internal Development: Online programs and
courses, micro-credentials, corporate training

Staffing--Work Integrated Learning:

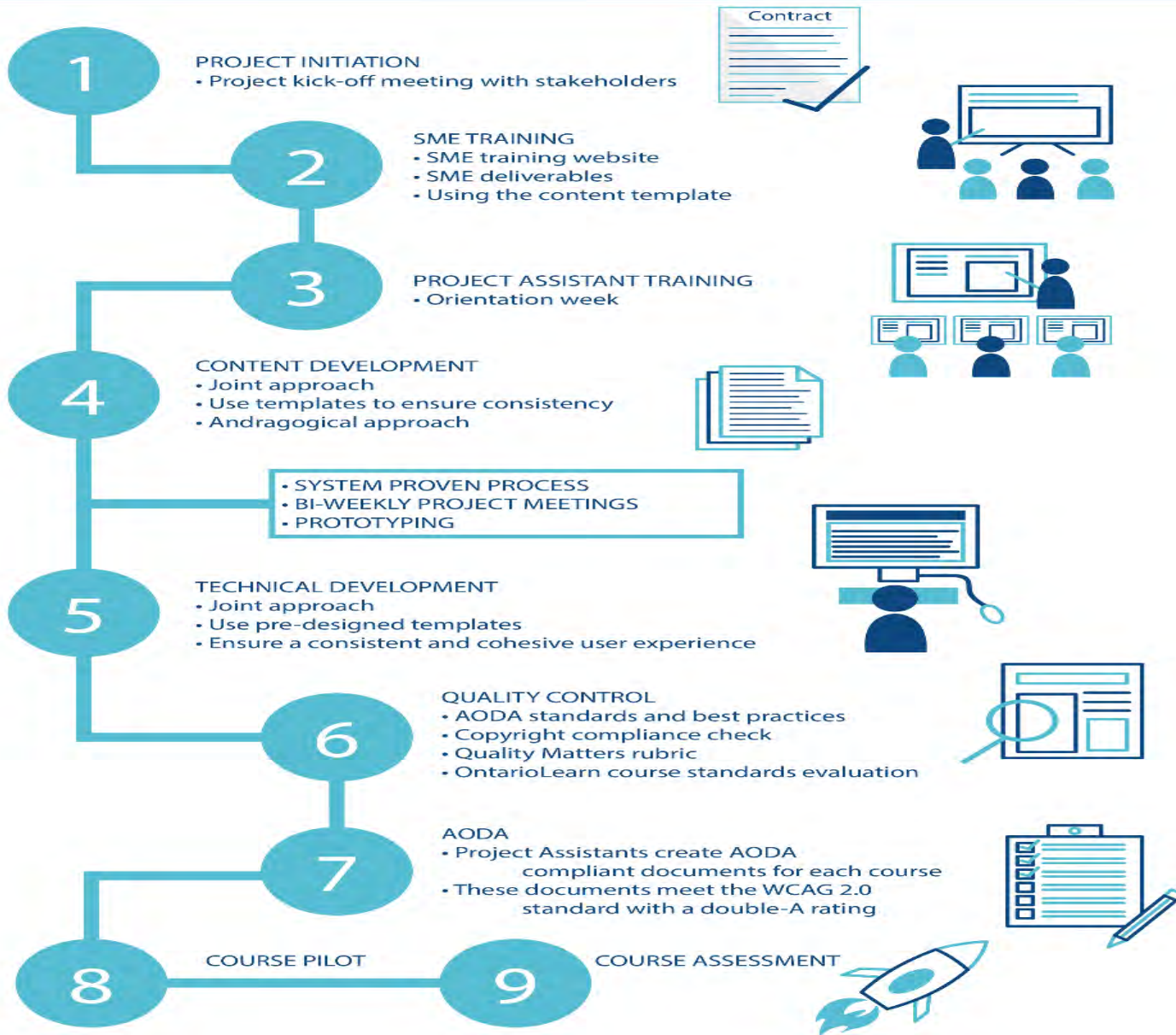
- Lambton College Educational Technology and Instructional Design (ETIS), Ontario College Graduate Certificate Internships (fall term); Co-op (winter term); Part-time Contracts (spring term)

Design House



Lambton
College

OUR PROCESS



Nuclear Uniform Curriculum Program (NUCP) Partnership

Public/Private Partners:

- **Bruce Power** - Operates an 8-unit nuclear generating facility on the shores of Lake Huron
- **Nuclear Energy Institute (USA)** – coordinates the NUCP on behalf of the nuclear industry

Rationale: meet the growing need for highly-qualified employees in the Canadian nuclear industry:

- Creation of (9) robust, engaging online training modules offered concurrently to students enrolled in one of (7) approved College Partner programs

Nuclear Uniform Curriculum Program (NUCP) Partnership

- NUCP Certification - Graduating students with NUCP certificate will be granted preferred status in the hiring process (to extent possible within existing collective agreements)

CHANGE EVERYTHING



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