

Quality Learning, Teaching & Innovation | December 6th, 2017

# Hydrogen Technology

## Program Development

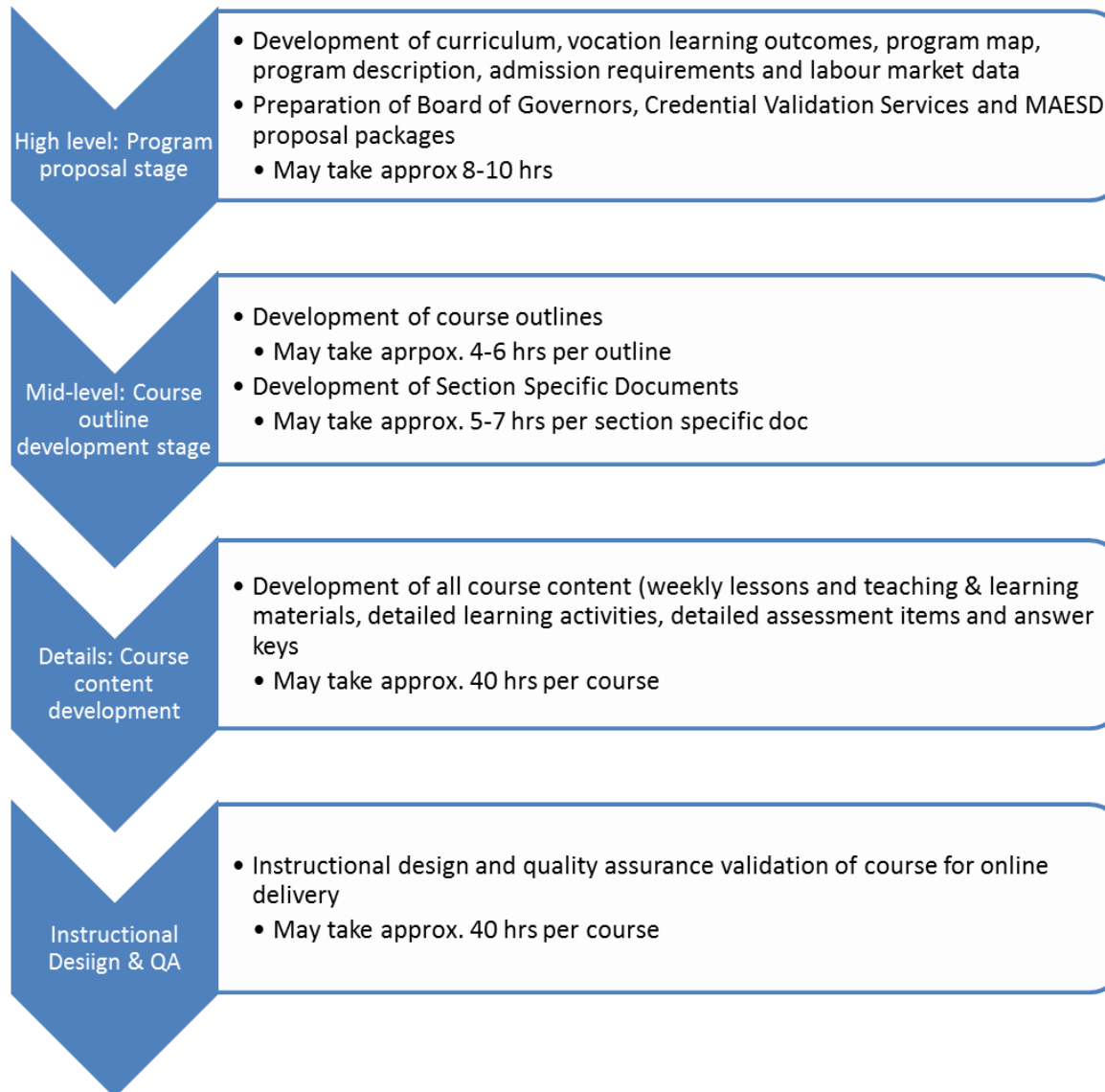


- The specificity of the industry has lead to very few certified technicians, which is also complicated by the very limited number of certified technicians who are able to validate/verify individuals entering the field.
- The primary role of the college is training and exploring potential for alternative delivery models.
- It is expected that the Canadore training program would prepare candidates to write the exam.



- Two main training components:
  - Refueling stations
  - Fuel cell installation systems
- Ideally, theory components will be delivered online and practical components delivered on-set at the Commerce Court Campus of Canadore College.

# Hydrogen Technology – Program Development Phases



# Hydrogen Technology – Curriculum Development



- A workplace consultation sessions involving a “Developing a Curriculum” (DACUM) – like process is scheduled on December 14<sup>th</sup>, 2017.
- Members from the Hydrogen Technology Advisory Group as well as Hydrogen Technicians will be participating at this workshop.
- A new program proposal must be approved by the College’s Board of Governors prior to moving forward on any aspect of the content development and/or construction.

# Hydrogen Technology – Expected Costs & Next Steps



- The cost of building a lab will be factored in the 5-year costing of a new program.
- The College is projecting a \$150,000 gap of fund to construct a lab facility (preliminary estimates).
- The curriculum development process is being funded by the College with in-kind contributions from industry partners.
- If Canadore can secure financial acquisitions from partners, the program could potentially be launched as early as Fall, 2018.



Thank you!