* **Instructions for Educators -**

**Six Sigma Awareness Certification**



Certification Overview

This resource is designed to provide a broad-based Lean Six SIgma Awareness certification that can be completed by students in all SHSM sectors as **'*advanced training in a technique*' or '*leadership skills*'.**

**'*Lean manufacturing*'** is an elective SHSM certification for Manufacturing and Food Processing SHM sectors.

**How is this a 'leadership skills' certification?**

Many organizations use Lean Six Sigma management tools to improve how their organization works. This certification covers real-world terminology and concepts that all students can use in their future as leaders and managers to bring efficiency to an organization.

**This certification is strongly recommended for students in the following sectors: Agriculture, Business, Construction, Energy, Environment, Food Processing, Health Care, Hospitality & Tourism, Information & Communication Technology, Manufacturing, Mining, Non-Profit, and Transportation.**

As students progress through each module, there is a **Student Workbook** that they can add their thoughts and ideas to. It is clearly indicated in each module when students will need to add anything to the student workbook.

**In total, this certification will take approximately 3 hours to complete.**

This certification in Lean Six Sigma Awareness includes an introduction, six modules, and one extension module.

* Modules 1 introduces the Lean Approach, and explores the principles and methodologies used in the Lean Approach.
* Module 2 introduces Six Sigma, and introduces students to some basic terminology used by Six Sigma practitioners.
* Modules 3 puts Lean and Six Sigma together, and students learn how industry has combined these concepts to create improvements.
* Module 4 demonstrates how Lean Six Sigma is applied in a variety of workplaces.
* Module 5 takes a closer look at the concept of customer experience and how it connects to Lean Six Sigma.
* Module 6 allows students to look at Lean Six Sigma through the lens of their specific SHSM sector.
* Extension model connects students to OVIN (Ontario Vehicle Innovation Network). OVIN has connections to all SHSM sectors.

Certification Format Options

This certification can be educator-led or asynchronously completed by students. It is available as a website only. It can be completed as a ½ day certification or over the course of a few class periods.

Certification Assessment Options

For students to receive this certification, educators can choose to have students submit the student workbook and/or complete a multiple choice quiz. Content from the Student Workbook can be used to develop a self-marking quiz if you are assessing students using an auto-marking tool.

There are 2 separate Student Workbooks:

1. [Student Workbook for Modules 1-6](https://drive.google.com/file/d/1SkhBFO2FHx9Vbq0uxUFcLWJNRx9t24oB/view?usp=drive_link)
2. [Student Workbook for Extension Module: Connecting Lean Six SIgma to the Ontario Vehicle Innovation Network (OVIN)](https://drive.google.com/file/d/1IWPV1Lun_q-OlhSA90DF9SFR4WR1SX8h/view?usp=drive_link)

[Certificate sample](https://drive.google.com/file/d/1XlDRj1kds__btDJuxg1ZcgROOVlpDZ57/view?usp=drive_link)