



# blocksEDU

learning corp

## SUSTAINABLE WASTE MANAGEMENT SYSTEM

2022 / 2023



**Get in touch**

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A Bloxsar Tech Ventures Inc. Company

# Sustainable Waste Management (SWM) Certificate Course

## What We Do

The Sustainable Waste Management (SWM) Certificate Course is an online, 80-hour educational course that focuses on assisting learners in building advanced knowledge and skills in Sustainable Waste Management (SWM).

Waste is one of the leading problems of our time – increasing waste volumes, increasing severity of impact and costs and the challenge of managing waste in developing countries and emerging markets are causing a dramatic shift in sustainability practices worldwide. Countries around the globe are moving towards a circular economy and waste has to be dealt with in new, innovative ways rather than simply sending it to a landfill. Failure to take action in managing waste has economic, environmental, social as well as health and safety implications, including toxic discharge leading to pollution, increased greenhouse gas emissions, increased frequency of illnesses, and the loss of valuable resources.

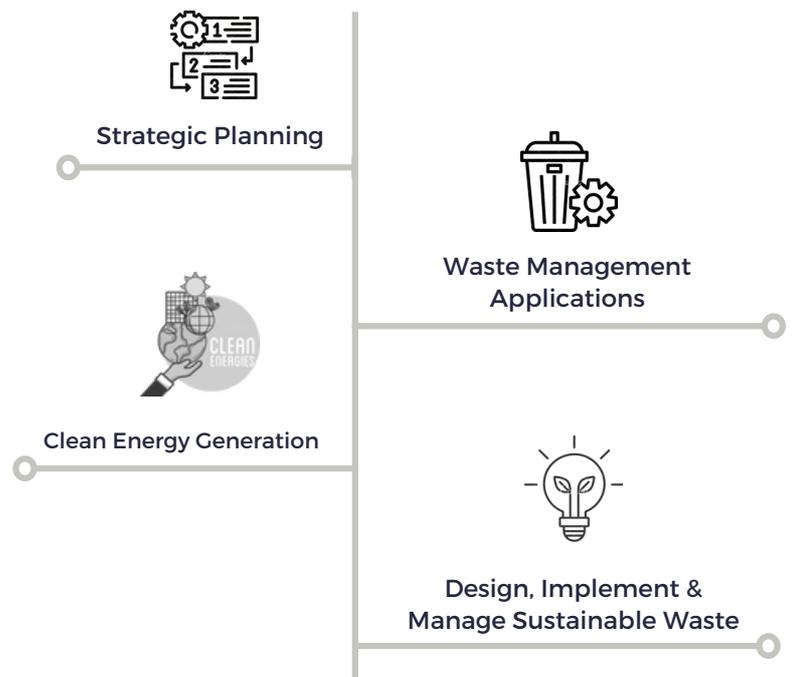
Employment opportunities are growing, in public and private organizations, especially in industries where waste management impacts the bottom line and contributes to environmental responsibility and stewardship. Opportunities exist provincially, nationally and internationally. The 2013 ECO Canada Profile of Canadian Employment labour market research study indicates that 25.1% of environmental employees - the highest proportion - were working in the Administrative and Support, Waste Management and Remediation Services sector. Indications are that graduates with this skill set will be in high demand.

At the end of this course, attendees should leave with the knowledge, vocabulary, skills and in-depth understanding of Waste Management.

## Why Sustainable Waste Management Certificate Program

By the completion of this course, learners will be able to: Identify, quantify, verify and coordinate waste to comply with legislative requirements for waste management services, systems and facilities. Planned, designed, implement and advanced waste management projects following legislative requirements, standard procedures and best practices. Utilize the principles of the circular economy, investigate the life cycle of consumable products and packaging to minimize waste, and encourage product reuse and recycling. Research produce and present reports to engage stakeholders in discussions to address waste management. Choose financial methods and procedures to substantiate costs and solicit support for environmental compliance and waste management initiatives. Educate and inform target groups and audiences in waste diversion and management using appropriate strategies and techniques. Collect, classify and preserve field samples using air, water and soil quality testing equipment.

## Our sessions are designed to equip you



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# Our Objectives

This course will take you about 5-10 hours per week over 8 weeks (this depends on your approach) It consists of Videos, Audio, Assignments (reading, exploring and writing) and Quizzes to test your understanding. This course is self-paced so you can work on it as you have the available time. Please start at the top and complete each item in sequence in order to maximize your learning experience This course contains 16 sections which are listed below.,

## Courses

- **SSWM 101:** Introduction to Sustainable Solid Waste Management
- **SSWM 102:** The Evolution of Solid Waste Management (History)
- **SSWM 103:** Perspective
- **SSWM 104:** Collection Methods
- **SSWM105:** What happens to all the waste?
- **SSWM106:** Extended Producer Responsibility
- **SSWM107:** Government, Private Enterprise, Public Private Partnerships?
- **SSWM108:** Landfill Management
- **SSWM109:** MRFS
- **SWM110:** Haz & Med Waste, Special Waste
- **SSWM111:** Composting and Organic Waste
- **SSWM112:** Wrap-up and Conclusion

Each section may have one or more quizzes to test your understanding. Each quiz requires a grade of 60% to pass and you can take the quiz multiple times. Two added features are, after each section you can engage with other students via the discussion forum and you can create an action plan for that section.



### FORMAT

Asynchronous / Self Pace



### LENGTH

42 hours

## Learning Outcomes

By the completion of this course, learners will be able to:

- Identify, quantify, verify and coordinate waste to comply with legislative requirements for waste management services, systems and facilities.
- Planned, designed, implement and advanced waste management projects following legislative requirements, standard procedures and best practices.
- Utilize the principles of the circular economy, investigate the life cycle of consumable products and packaging to minimize waste, and encourage product reuse and recycling.
- Research produce and present reports to engage stakeholders in discussions to address waste management.
- Choose financial methods and procedures to substantiate costs and solicit support for environmental compliance and waste management initiatives.
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# Why blocksEDU?

BlocksEDU has developed programs that offer micro-credentials focusing on both theory and application to help create an employable workforce. Our mission is to be the “World Leader in Micro-Credentialing Education Courseware Development” We see the future of education where anyone, anywhere can get ahead in today's competitive workforce. Students can acquire micro-credentials in Certificate in Blockchain, Bitcoin & Cryptocurrency which will help give them an edge in today's competitive workforce.

## Here's what our students have to say

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"As a professional already working in the field of corporate social responsibility (CSR), I found the material to be easily applicable to my real-world goals and objectives while also providing me with new additional resources to pull from. As a result, this course will “level up” every student, whether new to the profession and looking for a foundational understanding, or a seasoned expert looking to formalize their work."

**Cindy Pope, Corporate Social Responsibility Specialist - ANLB**

"The synchronous learning sessions fit well with my work and home life while still

allowing

for an open, engaging and professional remote learning experience. The instructors brought a wealth of knowledge and experience, and the other course participants also enriched the course and class time with their personal experiences and knowledge in the field of renewable energy. This training was exactly what I was looking for..."

**Loretta Ransom, Advisor, Energy Funding, Research and Development, Energy Division, Dept. of Infrastructure, Government of the Northwest Territories.**

"Taking the renewable energy series was an encouraging experience. In a world that desperately needs more opportunity for education there are very few options that are attainable for people... The course structure was very clear and concise. We had scheduled evening class time meaning I never had to give up work time, forums and boards make connecting with other students easier, and the instructors made themselves available at all times."

**Luke Cecelon, Telecontrol Trainee**