

Advanced Composting Course
April 3-5, 2019
Abbotsford, British Columbia

Improve your composting skills – understand best management practices to produce quality compost safely, and to reduce greenhouse gas emission by composting. This course is a must for all those in British Columbia hoping to benefit from funding opportunities for improvements in composting to reduce greenhouse gas emissions.

This course is for all who are curious about composting and compost use, whether you are a composter, compost facility operator, a regulator, a community member, an administrator, media, government staff, or just curious. This course gets us all down in the dirt together, as we explore how important our soil organic matter is, and how it protects us and helps us all to flourish!

This **intensive three-day course** provides a comprehensive understanding of the composting process, using compost, protecting the environment, reducing greenhouse gas emission, health and safety and regulation relating to composting.

This course is expanded in scope and now includes more hands-on interaction from the original course that we started teaching in 2007 for compost facility operators.*

The course instructor is **Dr. John Paul**. Dr. Paul has been specializing in composting and organic waste management for almost 30 years, has more than 30 years experience with greenhouse gas emissions during organic waste processing, and has taught more than 25 Compost Courses since 2007!

The course includes a copy of the **Compost Facility Operator Training Manual**, written by Drs. John Paul and Dieter Geesing, updated and reprinted in 2015.

The course is a hands-on training program, with practical exercises, and a field trip. Topics covered in the course include:

DAY ONE The Science of Composting

- Biological, physical and chemical fundamentals
- Understanding the microbiology of composting
- Methods of composting

Practical exercise: There is a substantial interactive component where you can create your own compost mix, monitor oxygen and temperature in the compost pile, learning from the small scale “magic box”, as well as working with and understanding Jerome, the new hydrogen sulphide sensor.



For more information on the course, please see:

<http://www.transformcompostsystems.com/learn-compost-courses.php>

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DAY TWO Using Compost

- Understanding why compost is important for the health of our soil
- Microbiology of compost, and how the compost process relates to product quality.
- How to understand and use various different composts that are produced.

Practical exercise: Measuring various characteristics of compost including pH and electrical conductivity, and the impact of various composts on plants.

DAY THREE Environment, Health and Safety.

- Understanding the impacts of composting and compost use on the environment and human health
- Reducing greenhouse gas emissions during composting
- Designing and implementing appropriate regulation.
- Understanding and improving the social impact of the composting process
- Ensuring the safety of our composts

Practical exercise: Visits to two different compost facilities, where we can see how process, design and regulation work together.

A small multiple-choice test at the end of the course will help you evaluate your new knowledge.

Cost for the course is \$ 745 (plus GST) includes refreshment breaks and three lunches.

The course date is April 3-5, 2019, Abbotsford, BC.

* This course was originally designed in 2006, at the suggestion of the BC Ministry of Environment, to meet part of the personnel training requirements under the Organic Matter Recycling Regulation. This course continues to be an important aspect of the training requirements. SWANA credits have also been available for this course since 2013.

Sincerely,

John Paul, PhD PAg



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Registration Form

*Please send completed form,
and mail payment (cheque) to:*

John Paul, PhD PAg.,
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Email: transform@telus.net

Name:

Company/Affiliation:

Address:

E-mail:

Telephone:

Fax:

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