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1.0 INTRODUCTION

The National Green Infrastructure Certification Program (NGICP) is a national program that includes a curriculum to help prepare students to take the qualifying test associated with EnviroCert International, Inc. (ECI) in hopes that participants become NGICP certified green infrastructure constructors, inspectors, and maintainers. ECI supports the development of green workforces and establishes a career path for skilled green infrastructure (GI) workers. It is designed to meet the industry's best practice standards and advance the establishment of sustainable communities by promoting GI as an environmentally and economically beneficial stormwater management option. This information represents the core of knowledge that professionals who construct, inspect, and maintain GI practices should have, as decided by a body of GI experts assembled to generate the Body of Knowledge and the NGICP examination blueprint. The examination blueprint is provided in the documents supplement.

This document provides guidance to trainers who are delivering materials as part of the NGICP program. Trainers who are preparing to engage in such training activities must consider several activities and factors, including:

- Becoming familiar with the technical material and curriculum
- Supporting the logistics of the training sessions
- Gathering documentation required for training sessions, such as rosters, sign-in sheets, and other pertinent materials

2.0 TRAINERS USE OF MATERIALS AGREEMENT

Pursuant to an agreement attached hereto, ECI will grant permission for trainers to use the associated training modules described in this document. Trainers MUST have a signed Trainers Use of Materials Agreement in order to use the training modules. The training modules are required as components of a NGICP training course to teach a national curriculum about stormwater management and green infrastructure. This training course prepares students to take and pass the NGICP examination. Examination activities are administrated by ECI using Prometric testing centers. Students taking the training class must hold a high school diploma or the equivalent.

Trainer Qualifications.

All approved NGICP qualified trainers must possess two of the following three qualifications:

- Minimum of a Bachelor of Science degree in Water Resource Management or Environmental Science
- Minimum of thirty-five (35) hours of experience as a trainer for hands-on, adult learning courses
- Direct experience in stormwater green infrastructure (GI) construction, inspection, or maintenance

Reporting Requirements. Trainers will be required to provide training course reports to ECI thirty (30) days after completion of a training course that use the training modules. The report shall include training schedules and agendas, class rosters, student feedback, and trainer observations. Trainers shall keep training course reports for a period of two (2) years. ECI reserves the right to

request copies of course reports for verification purposes at any time. Failure to keep or provide these reports shall be considered a Trainer Agreement violation. Information required within the training course report is found in the Documents Supplement.

Trainers agree to undertake the following: (i) provide training course reports to ECI thirty (30) days after completion of each training course, including training schedules and agendas, class rosters, student feedback, and trainer observations, and keep training course reports for a minimum of two years; (ii) provide ECI with reasonable assistance in support of the NGICP, including providing any other requested information in a complete and accurate manner; and (iii) keep ECI reasonably informed as to any problems encountered with the Training Material.

All training must be offered under the oversight of a qualified trainer who takes responsibility for the training, the administration, and the recordkeeping required in this Trainer Guidance.

3.0 OVERVIEW OF TRAINING MATERIALS
The qualified trainer will use materials that provide the technical basis for the NGCIP training. The primary objective of this training is to prepare participants to take and pass the NGICP exam, which is administered by ECI. Note that the information in this material has been developed from the "Body of Knowledge" developed for the NGICP.

Training must address the knowledge and skills necessary to perform the critical tasks associated with the NGICP Program. Training must not promote or endorse products, product lines, or services of any manufacturer, distributor, or service provider that offers a product or service to GI infrastructure. If reasonably necessary to give examples of particular products or services for educational purposes, be sure, where possible, to vary the brands of sample products, services, or kinds of equipment presented. Participants in this training should not be made to feel they are subjects of a sales presentation.

Through the Trainer agreement, the materials that are available to qualified trainers include:
- **PowerPoint Slides** —See section on Technical Modules.
- **Curriculum Documents** —MSWORD files that provide an overview for each technical module and highlights additional hybrid learning/interactive/site visit ideas and opportunities that trainers can consider.
- **Testing Materials** — "Mock" test and quiz materials — Files in a variety of formats (Word, PDF) produced by previous training groups that were developed and applied to test or quiz participants. Specifically, there have been "Module Quizzes" established for twelve (12) modules. These were designed to be presented to participants at the beginning of a session and again reviewed at the end of the session. By providing this type of test at the start of a module, trainers can inform participants what is coming up in the module as well as learn from the responses by the participants the level of knowledge/skill that participants hold on various topics. By using this same test at the end of the module, the trainers can use this test as a vehicle to review pertinent information covered, ensure that critical information has been learned by participants, and if not, this provides an opportunity to clarify on areas of confusion. Other tests are provided as well, some of which may be best suited for a "mock" exam for participants in preparation for the NGICP exam. Trainers are encouraged to review these materials and use them as they wish.

- **Ideas for Interactivities**—MSWORD files that list out ideas and resources to encourage interactivity for each module. This includes in-class exercises, discussion topics, and videos to be shown.
- **Other Materials**—Additional support documents such as Applicant Handbook (for examination), GI practice diagrams to be labeled, blank inspection forms to be used during a site visit, a glossary of terms, etc. that will help trainers include interactive activities in classroom and site visits, sample attendance forms, and other forms relevant to on-site examination events.

All training materials are in electronic format and will be available to Trainers either from Cloud file services or sent from a memory stick.

4.0 TECHNICAL MODULES

A majority of the technical curriculum provided to trainers comes in the form of PowerPoint presentations. There are fourteen (14) technical modules within the curriculum, and these are listed in Table 1, listing the number of PowerPoint slides, estimated training interactivity times, and the interactivity type. Classroom interactivity is meant to reinforce the system features discussion in each module lecture. The information included with the technical module files includes learning objectives and suggestions for classroom interactivity. Estimated training times for classroom lectures and interactivity are listed in Table 1, which are based on prior trainer experience and the amount of lecture material.

Training efforts envisioned in the NGICP program include not only a "lecture" or "one-direction" information dissemination, but also opportunities for participants to engage with each other and have the opportunity to do "synthesis" activity. The NGICP program has developed suggested in-class activities as well as collected information from other training groups who have developed their own interactivities. In-class activities may include "fill-in-the-blank" types of forms, quizzes, and small group or individual projects focusing on a variety of subjects, and other similar activities.

For GI practices, these modules include a description of components associated with the practice, how the practice is applied, how it functions, how it is constructed, what should be considered during inspections, what a functioning or non-functioning practice looks like, and what maintenance activities are usually associated with the specific practice of interest. As discussed, trainers can supplement this information with other information, especially as it relates to local knowledge and conditions.

Trainers are encouraged to conduct site visits as part of the curriculum to enhance student learning. Although, site visits are not part of the NGICP curriculum presented within this guideline document and should be considered additional time to the overall curriculum. Site visits shall be clearly designated on course agendas. Any site visits are the sole responsibility and liability of the Trainer(s). Trainers shall include in trainer reports whether site visits added or detracted from the training.

Table 1. NGICP Curriculum Components

Modules	Number of PP Slides	Estimated Lecture Time (hr)	Estimated Interactivity Time (hr)	Interactivity Type [1]	Estimated Total Classroom Time (hr)
Module 0 – background information on NGICP [1]	20	0.5	0.0	None	0.5
Module 1 - Introduction to Stormwater Management & Green Infrastructure	62	2.0	0.5	V	2.5
Module 2 - Materials Used in GI	58	1.5	0.5	V, HO	2.0
Module 3 - Vegetation Used in GI	67	2.0	0.5	HO	2.5
Module 4 - Safety in GI	61	2.0	0.5	V	2.5
Module 5 - GI Site Management	63	2.0	0.5	V, KF	2.5
Module 6 - Bioretention	110	3.5	1.0	V, HO	4.5
Module 7 - Permeable/Porous Pavements	50	2.5	0.5	V, KF	3.0
Module 8 - Rainwater Harvesting	26	1.5	0.5	V, KF	2.0
Module 9 - Green Roofs/Blue Roofs	44	1.5	0.5	V, KF	2.0
Module 10 - Dry Wells	37	1.5	0.5	V, KF	2.0
Module 11 - Stormwater Wetlands	31	1.5	0.5	V, KF	2.0
Module 12 - Managing GI for Long-Term Performance	24	1.0	0.5	None	1.5
Module 13 – Conclusion [1]	32	1.0	0	None	1.0
Totals		**24**	**6.5**		**30.5**

Notes: 1) V – Classroom video
2) KF – Exercise to identify key features of system
3) HO – Hands-on activity to observe features of system

The total number of classroom hours for the NGICP curriculum is listed as an estimated thirty and a half (30 ½) hours that include an estimated six and a half (6 ½) hours of classroom interactivity time. Course agendas are provided for Trainers to see the scope of the training and are provided in the Documents Supplement:

- Course agenda for one (1) week training—designed for commercial training companies
- Course agenda for seven (7) week training—designed to appeal to Jurisdictions
- Course agenda for twelve (12) week training—designed for other end of the training spectrum

5.0 TRAINING AND EXAMINATION ORGANIZATION

Participant Registration. Students taking the training class must hold a high school diploma or the equivalent, at minimum. Participant registration for training courses will be through ECI. Trainers shall inform participants of the NGICP examination process at some time during the training and direct participants to ECI for exam registration.

Examination Registration. Separately, ECI will contact each participant to process on-demand examination registration. Examination registration shall be for on-demand examination at a participating testing center. The student is responsible for travel to and from participating testing centers.

Course Design. The course is designed for an estimated thirty and a half (30 ½) hours that includes an estimated six and a half (6 ½) hours of classroom interactivity time. Lunches and breaks need to be planned to ensure the allotted training contact time is met. The training can be implemented using seven (7) hours of training contact time or three and a half (3 ½) hours of training contact time per day. Further, training can occur as a one (1) week course or over several weeks or months, depending on the Trainer preference. Detailed course agendas can be found in the Document Supplements section of this guidance.

Trainer Teams. A qualified trainer (defined in section 2.0) will present the training modules using the curriculum materials. A team of two trainers may teach the training modules, where a lead instructor is a qualified trainer who teaches at least fifteen (15) hours of the training modules.

Class Size. The recommended class size is thirty (30) people or less. Smaller class sizes are encouraged to enhance learning; however, class size is the sole discretion of the Trainer. A master copy of the participant workbook and supplemental information and references will be provided to the Trainer. ECI is responsible for printing and distribution of these materials to ensure that each student has a Participant Workbook and all supplemental information and references.

Training Site. The Trainer is responsible for preparing the training site, with approval of ECI. The listing below provides guidance of items the Trainer should prepare for a successful training class. Accommodations should be made to allow trainers access to the training facility during the afternoon of the day prior to the first day of the course in order to facilitate setup.

Audiovisual Equipment. Visual aids for this course include PowerPoint presentations, a dry erase board, and flip charts. The following audiovisual equipment is necessary for delivery of this course:
- Laptop computer with PowerPoint
- LCD projector compatible with the computer
- Cables necessary to connect the projector to the computer

- Spare projector bulb
- Electronic remote device to advance slides in PowerPoint presentation (if possible)
- Projection screen (at least 6 feet x 6 feet) power strip
- Twenty (20) foot or longer extension cord
- Whiteboard with appropriate pens and eraser flip charts with self-adhesive paper, if possible
- Masking tape (if the flip chart pages are not self-adhesive)
- Flip chart markers in assorted colors
- Six (6) or more large black markers for participant name tents

All equipment should be placed in the room for the instructors to check the afternoon of the day prior to the first day of the course. The Trainer should provide technical assistance during this time and contact information for technical assistance during the presentation of the course.

Room Setup. The room should be large enough to accommodate workspace and chairs for up to the permitted class size and two instructors, plus the aforementioned equipment—a large conference room or classroom. The furniture should be moveable to accommodate breaking out into small discussion/work groups.

Trainers should be able to arrange the classroom as they deem most appropriate given the exact number of participants. (The ideal arrangement should include up to six (6) clusters, five (5) or six (6) people per group, to facilitate the group exercises and information sharing. Avoid a "lecture hall" type of arrangement.) All participants should be able to see the screen and instructors. Participants and instructors should be able to move about the room without obstruction.

A presentation table large enough to hold the laptop computer as well as notes, handouts, and other materials should be provided for the instructors. The room should be in a quiet area and have a lighting system that permits convenient dimming of the lights, especially where the screen is located.

Other considerations for visual aids, training room, and final arrangements:
- Will shades completely darken all windows?
- Can the lights be selectively dimmed when showing slides or other audiovisual images?
- Will overhead lights shine directly on the screen?
- Can a bulb be removed above the screen, or will the whiteboard then be too dark?
- Heat or air conditioning—find out whether the instructor can control these.
- Adequate room shape and size—no poles or obstructions.
- Seating arrangements—furniture must be moveable to facilitate organization into small discussion work groups and teams.
- Away from kitchen, construction area, or other noise distractions.
- Electrical outlets and lighting controls that prevent glare on the projection screen while providing sufficient light for participants to read course book materials and take notes.
- Participant Workbooks.
- Tent cards (large felt tip markers will be needed).
- Evaluation forms.

- Class roster form.
- Student registration forms.
- Discuss what time the room is unlocked/locked.
- Check to make sure a technician is available in case there are problems setting up computer and projector or if something goes wrong during the course.
- Prepare directional signs to classroom.
- No smoking in the classroom—signs should be posted or written on the whiteboard.
- Identify smoking areas.
- Determine whether coffee and snacks are available. (In some cases, the venue may be able to provide these. Generally, participants appreciate refreshments.)
- Compile a list of eating places for lunch, along with a map.
- Decide who will welcome the participants and introduce the instructors.
- Let the instructor know who to contact if he/she needs assistance.
- Provide a copy of the class roster for all course participants.

DOCUMENTS SUPPLEMENT
List of Documents

1. NGICP Examination Blueprint
2. Requirements for reporting on training courses, includes trainer and students feedback forms
3. Training Materials—*distributed via Cloud files or memory stick*
4. Course Agendas—One (1) week, Seven (7) week, Twelve (12) week

The Trainer Use of Materials Agreement will be provided separately. A Qualified Trainer Application is available on request.

NGICP Examination Blueprint

The Green Infrastructure (GI) practices focused on in the National Green Infrastructure Certification Program (NGICP) are as follows: bioretention (rain gardens, bioretention cells, curb extensions/bulb-outs, bioswales, and stormwater planters), rainwater harvesting (rain barrels and cisterns), permeable pavements (porous concrete, pervious asphalt, and permeable pavers), green roofs and blue roofs, dry wells, and stormwater wetlands.

Presented below are the weightages for various sections:

Watershed Fundamentals	6-10%
Apply the key concepts of basic hydrology/hydrologic function	
Apply the basic concept and recognize the environmental benefits of stormwater management and green infrastructure	
Green Infrastructure (GI) Practices	19–23%
Identify the basic functionality of various GI practices	
Identify the purpose, functionality, and properties of the basic physical components of GI practices	
Apply key concepts related to the lifecycle of GI practices	
Identify the terminology used to describe various GI practices	
GI Methods and Materials	50–54%
Recognize the appropriate application of equipment for the construction or the maintenance of a GI practice	
Apply the key concepts of site layout and grade checking	
Recognize the purpose of common GI construction materials	
Apply the key concepts of basic vegetation management and establishment	
Recognize the significance of and identify the procedure for proper storage and handling of materials	
Recognize the significance of and identify the procedure for water management, as well as erosion and sediment control during the construction and maintenance of a project	
Identify potential site safety hazards associated with GI practices and personal protective equipment (PPE)	
Read and comprehend architectural and engineering drawings	
Recognize adjacent and related infrastructure variables as they pertain to GI	
GI Functionality and Appearance	17–21%
Recognize GI-related performance issues	
Diagnose the cause of common GI failures	
Recognize adequate and comprehensive documentation of GI practices	

REQUIREMENTS FOR REPORTING ON TRAINING COURSES TO ECI

Trainers are required to provide training course reports to the ECI thirty (30) days after completion of a training course that use the training modules. Reports shall include the following information shown in the table below.

Reported Item	Comment
Trainer Contact Information	Qualified trainer registered with ECI; include address, phone, and email
Trainer ID Number	ID number issued by ECI
Course Agenda	Indicate one (1)-week, seven (7)-week, or twelve (12)-week course. Include copy of agenda distributed to students
Course Details	Indicate course date and location
Second Trainer (if any)	Contact information of second trainer of training team; include address, phone, and email
Student Registration List	Include student contact information with examination type—either on-demand or on-site
Daily Student Sign-In Sheets	Separate student sign-in sheets for each course day; include student names and course details
Student Feedback	Compilation of student feedback including verbatim student comments [1]
Trainer Feedback	Trainer observations [2]
1) See sample student feedback form below See sample trainer feedback form below 2)	

The Qualified Trainer must include within the training course report the following statement of certification:

I certify that I have conducted this NGICP Training Course in accordance with the EnviroCert International Inc. National Green Infrastructure Certification Program Trainer Guidance. I have maintained the training records and I will provide these records to ECI thirty (30) days after the completion of the Training Course. I understand that I will be subject to Violation from the National Green Infrastructure Training Program if information provided herein is not true and correct. I hereby attest that all provided information is true and correct.

Trainer Signature and Date

Sample Student Feedback

Please take a few moments to answer the following questions. Your opinion will help us provide courses optimized for your needs. On behalf of [*Company name*] we would like to thank you for your participation at our course. We very much appreciate your feedback.

Rate this course and trainer using the following scale:

5 - Consistently exceeds expectations
4 - Frequently exceeds expectations
3 - Meets expectations
2 - Sometimes meets expectations
1 - Rarely meets expectations

Course Materials

1. Course Content Met Your Needs: Rate 1 to 5
2. Course Materials, and Educational Resources: Rate 1 to 5
3. Class Location & Equipment: Rate 1 to 5
4. Site Visits (if applicable): Rate 1 to 5

Trainer Evaluation

1. Knowledge of the Subject Matter: Rate 1 to 5
2. Communicated the Course Material Effectively: Rate 1 to 5
3. The Trainer Encouraged Students to Participate in Course: Rate 1 to 5

Comments; please let us know what could be done to improve this course:

_____Provide a minimum of three comment lines_____

Sample Trainer Feedback

Based upon your experience please address the questions listed below:

1. Was the technical content at the right level for the audience? If No, please elaborate.
2. Was there too little or too much info in the technical modules? If so, please be specific.
3. What interactivities did you do and how effective were they? How could these be improved?
4. Were you able to integrate local/regional information into technical modules? Please be specific.
5. Did you find conflicting or inconsistent technical content? Please be specific.
6. Overall, how could the technical material be improved?
7. Assess whether site visit added or detracted to the training and student understanding of technical material.
8. Any other comments?

PLACEHOLDER

Training Materials—*distributed via Cloud files or memory stick*

SAMPLE COURSE AGENDAS—One (1)-week, Seven (7)-week, and Twelve (12)-week course agendas

Course Agenda: 1-week + NGICP Examination
Day One

Time	Title	Estimated Time
8:30 – 9:00	Module 0 – Background information on NGICP	30 minutes
9:00 – 10:30	Module 1 - Introduction to Stormwater Management & Green Infrastructure	1 hour & 30 min
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 1 (continued)	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 2:30	Module 2 - Materials Used in GI	2 hours
2:30 – 2:45	Break	15 minutes
2:45 – 4:45	Module 3 - Vegetation Used in GI	2 hours
Classroom training time		**7 hours**

Day Two

Time	Title	Estimated Time
8:30 – 9:00	Module 3 (continued)	30 minutes
9:00 – 10:30	Module 4 - Safety in GI	1 hours & 30 min
10:30 10:45	Break	15 minutes
10:45 – 11:45	Module 4 (continued)	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 2:30	Module 5 - GI Site Management	2 hours
2:30 – 2:45	Break	15 minutes
2:45 – 3:15	Module 5 (continued)	30 minutes
3:15 – 4:30	Module 6 - Bioretention	1 hours & 15 min
Classroom training time		**6 hours & 45 min**

Day Three

Time	Title	Estimated Time
8:30 – 10:30	Module 6 (continued)	2 hours
10:30 10:45	Break	15 minutes
10:45– 12:00	Module 6 (continued)	1 hour & 15 min
12:00 – 1:00	Lunch	1 hour
1:00 – 2:30	Module 7 - Permeable/Porous Pavements	1 hour & 30 min

2:30 – 2:45	Break	15 minutes
2:45 – 4:15	Module 7 (continued)	1 hour & 30 min
Classroom training time		**6 hour & 15 min**

Day Four

Time	Title	Estimated Time
8:30 – 10:30	Module 8 - Rainwater Harvesting	2 hours
10:30 – 10:45	Break	15 minutes
10:45 – 12:15	Module 9 - Green Roofs/Blue Roofs	1 hour & 30 min
12:15 – 1:00	Lunch	45 minutes
1:00 – 1:30	Module 9 (continued)	30 minutes
2:30 – 2:45	Break	15 minutes
2:45 – 4:45	Module 10 - Dry Wells	2 hours
Classroom training time		**6 hours**

Day Five

Time	Title	Estimated Time
8:30 – 10:30	Module 11 - Stormwater Wetlands	2 hours
10:30 10:45	Break	15 minutes
10:45 – 11:45	Module 12 - Managing GI for Long-Term Performance	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 1:00	Module 12 (continued)	30 minutes
1:00 – 2:00	Module 13 Conclusion and questions	1 hour
2:00 – 5:00	NGICP Examination	3 hours
Classroom training time		**4 hours & 30 min**

Course Agenda: 7 weeks + NGICP Examination
Approximately five hours of training time per week

Week One – Modules 1 & 2

Time	Title	Estimated Time
8:30 – 9:00	Module 0 – Background information on NGICP	30 minutes
9:00 – 10:30	Module 1 - Introduction to Stormwater Management & Green Infrastructure	1 hour & 30 min

10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 1 (continued)	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 2:30	Module 2 - Materials Used in GI	2 hours
Classroom training time		**5 hours**

Week Two - Modules 3 & 4

Time	Title	Estimated Time
8:30 – 11:00	Module 3 - Vegetation Used in GI	2 hours & 30 min
11:00 – 11:15	Break	15 minutes
11:15 – 11:45	Review modules 1 - 3	30 min
11:45 – 12:30	Lunch	45 minutes
12:30 – 3:00	Module 4 - Safety in GI	2 hours & 30 min
Classroom training time		**5 hours & 30 min**

Week Three – Modules 5 & 6

Time	Title	Estimated Time
8:30 – 10:30	Module 5 - GI Site Management	2 hours
10:30 – 10:45	Break	15 minutes
10:30 – 11:00	Module 5 (continued)	30 minutes
11:00 – 12:30	Module 6 - Bioretention	1 hour & 30 min
12:30 – 1:00	Lunch	30 minutes
1:00 – 4:00	Module 6 (continued)	3 hours
Classroom training time		**7 hours**

Week Four – Module 7

Time	Title	Estimated Time
8:30 – 10:30	Module 7 - Permeable/Porous Pavements	2 hours
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 7 (continued)	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 1:30	Module 1 -7 review	1 hour
Classroom training time		**4 hours**

Week Five – Modules 8 & 9

Time	Title	Estimated Time
8:30 – 10:30	Module 8 - Rainwater Harvesting	2 hours

Time	Title	Estimated Time
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 9 - Green Roofs/Blue Roofs	1 hour
11:45 – 12:30	Lunch	45 minutes
12:30 – 1:30	Module 9 (continued)	1 hours
Classroom training time		**4 hours**

Week Six – Modules 10 & 11

Time	Title	Estimated Time
8:30 – 10:30	Module 10 - Dry Wells	2 hours
10:30 – 10:45	Break	15 minutes
10:30 – 12:00	Module 11 - Stormwater Wetlands	1 hour and 30 min
12:00 – 12:45	Lunch	45 minutes
12:30 – 1:00	Module 11 (continued)	30 minutes
1:00 – 2:00	Module 8 thru 11 reviews	1 hour
Classroom training time		**5 hours**

Week Seven – Module 12, course review, and exam

Time	Title	Estimated Time
8:30 – 10:00	Module 12 - Managing GI for Long-Term Performance	1 hour & 30 min
10:00 – 10:15	Break	15 minutes
10:15 – 11:15	Module 13 Conclusion	1 hour
11:15 – 12:15	Course review	1 hour
12:15 – 1:00	Lunch	45 minutes
1:00 – 4:00	NGICP Examination	3 hours
Classroom training time		**3 hours & 30 min**

Course Agenda: 12 weeks + NGICP Examination
Week One – Module 0 &1

Time	Title	Estimated Time
8:30 – 9:00	Module 0 – Background information on NGICP	30 minutes
9:00 – 10:30	Module 1 - Introduction to Stormwater Management & Green Infrastructure	1 hour & 30 min
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 1 (continued)	1 hour

Week Two – Module 2

Time	Title	Estimated Time
8:30 – 10:30	Module 2 - Materials Used in GI	2 hours

Week Three – Module 3 and review

Time	Title	Estimated Time
8:30 – 11:00	Module 3 - Vegetation Used in GI	2 hour & 30 min
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 1 thru 3 reviews	1 hour

Week Four – Module 4

Time	Title	Estimated Time
8:30 – 11:00	Module 4 - Safety in GI	2 hours & 30 min

Week Five – Module 5 and review

Time	Title	Estimated Time
8:30 – 11:00	Module 5 - GI Site Management	2 hours & 30 min
11:00 – 11:15	Break	15 minutes
11:15 – 12:15	Module 4 & 5 review	1 hour

Week Six – Module 6

Time	Title	Estimated Time
8:30 – 10:30	Module 6 - Bioretention	2 hours
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 6 (continued)	1 hours
11:45 – 12:30	Lunch	45 minutes
12:30 - 2:00	Module 6 (continued)	1 hour & 30 min

Week Seven – Module 7

Time	Title	Estimated Time
8:30 – 10:30	Module 7 - Permeable/Porous Pavements	2 hours
10:30 – 10:45	Break	15 minutes
10:45 – 11:45	Module 7 (continued)	1 hour

Week Eight – Module 8

Time	Title	Estimated Time
8:30 – 10:30	Module 8 - Rainwater Harvesting	2 hours

Week Nine – Module 9 and review

Time	Title	Estimated Time
8:30 – 10:30	Module 9 - Green Roofs/Blue Roofs	2 hours
10:30 – 10:45	Break	15 minutes
10:45 – 12:15	Module 6 thru 9 reviews	1 hour & 30 min

Week Ten – Module 10

Time	Title	Estimated time
8:30 – 10:30	Module 10 - Dry Wells	2 hours

Week Eleven – Module 11

Time	Title	Estimated Time
8:30 – 10:30	Module 11 - Stormwater Wetlands	2 hours

Week Twelve – Modules 12 & 13, course review, and exam

Time	Title	Estimated Time
8:30 – 10:00	Module 12 - Managing GI for Long-Term Performance	1 hour & 30 min
10:00 – 10:15	Break	15 minutes
10:15 – 11:15	Module 13 Conclusion	1 hour
11:15 – 12:15	Course review	1 hour
12:15 – 1:00	Lunch	45 minutes
1:00 – 4:00	NGICP Examination	3 hours