

Subtitles – Video Module 3

(copy the appropriate language version and save as srt text file)

Language version: EN

1

00:00:05,640 --> 00:00:11,880

Welcome to Module 3 of our Green Roofs Technician
Training Program. Get ready to dive into the

2

00:00:11,880 --> 00:00:14,145

essentials of maintenance and quality control
In Course 3.1, we focus on the critical

3

00:00:21,151 --> 00:00:25,120

In Course 3.1, we focus on the critical

4

00:00:25,160 --> 00:00:30,280

elements of building maintenance,
from inspecting irrigation systems

5

00:00:30,280 --> 00:00:34,795

to using thermal imaging to detect leaks
Learn the importance of regular inspections

6

00:00:38,798 --> 00:00:41,767

Learn the importance of regular inspections

7

00:00:41,800 --> 00:00:48,906

and advanced techniques to ensure the
longevity of green roof structures

8

00:01:48,920 --> 00:01:53,000

Course 3.2 covers everything you
need to know about maintaining

9

00:01:53,000 --> 00:02:02,120

healthy vegetation on green roofs
From visual inspections to pest control,

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00:02:02,120 --> 00:02:07,435

discover effective strategies for
maintaining thriving vegetation

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00:02:10,440 --> 00:02:14,840

In course 3.3 you will learn how
to adapt maintenance activities

12

00:02:14,840 --> 00:02:17,243

to weather conditions and plant behaviour

13

00:02:20,245 --> 00:02:24,215

Gain insight into the seasonal needs of green

14

00:02:24,280 --> 00:02:27,668

roofs and optimise maintenance

activities for optimal growth

15

00:02:31,681 --> 00:02:38,799

In Course 3.4, we ensure that every aspect of the
green roof meets the highest quality standards

16

00:02:41,230 --> 00:02:45,920

Learn the importance of quality control
measures to ensure the durability and

17

00:02:45,920 --> 00:02:49,630

performance of green roof systems

18

00:02:51,668 --> 00:02:54,181

Join us for interactive workshops

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00:02:54,181 --> 00:02:58,600

on-site demonstrations and
hands-on projects. Sign up today

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00:02:58,600 --> 00:03:06,640

and become a master in green roof maintenance

Present students with case studies

21

00:03:06,640 --> 00:03:13,480

of real green roof maintenance projects, including
challenges faced and solutions implemented.

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00:03:13,480 --> 00:03:18,920

Analysing these cases allows students to
apply theoretical knowledge to practical

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00:03:18,920 --> 00:03:27,120

situations and develop problem-solving skills.

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00:03:27,120 --> 00:03:33,400

Create role-playing scenarios where students take on the roles of
maintenance technicians, building managers,

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00:03:33,400 --> 00:03:40,560

or inspectors. This immersive approach helps
students understand different perspectives and

26

00:03:40,560 --> 00:03:47,400

practice communication and decision-making in realistic scenarios. Simulation Exercises: Use

27

00:03:47,400 --> 00:03:53,840

simulation software or virtual reality tools to simulate maintenance tasks such as irrigation

28

00:03:53,840 --> 00:04:00,800

system inspections or vegetation monitoring. These simulations provide a risk-free environment for

29

00:04:00,800 --> 00:04:06,832

students to practice skills and gain confidence before applying them in real-world settings.

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00:04:09,323 --> 00:04:12,400

Invite guest speakers from the green roof industry

31

00:04:12,400 --> 00:04:18,800

to share their expertise and experiences with students. Hearing from professionals working

32

00:04:18,800 --> 00:04:25,339

in the field provides valuable insights and exposes students to current practices and trends.

33

00:04:27,163 --> 00:04:31,120

Facilitate

opportunities for students to gain hands-on

34

00:04:31,120 --> 00:04:37,240

experience through fieldwork or internships

with local green roof maintenance companies

35

00:04:37,240 --> 00:04:43,440

or organizations. Immersion in real-world

environments allows students to apply

36

00:04:43,440 --> 00:04:49,758

theoretical knowledge, develop practical

skills, and build professional networks.

37

00:04:51,892 --> 00:04:56,240

Encourage peer-to-peer

teaching and learning by assigning students to

38

00:04:56,240 --> 00:05:03,400

research and present topics related to green roof

maintenance to their classmates. This approach

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00:05:03,400 --> 00:05:08,800

promotes active engagement, collaboration,
and deeper understanding of the subject matter

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00:05:11,613 --> 00:05:15,360

Have students
maintain reflective journals throughout the

41

00:05:15,360 --> 00:05:23,000

module, documenting their learning experiences,
challenges encountered, and insights gained.

42

00:05:23,000 --> 00:05:27,447

Reflective practice encourages self-awareness,
critical thinking, and continuous improvement.

Language version: GR

1

00:00:05,640 --> 00:00:11,880

Καλώς ήρθες στην Ενότητα 3 του Προγράμματος Εκπαίδευσης Τεχνικών Πράσινων Στεγών.

Ετοιμάσου να εμβαθύνεις στα βασικά της συντήρησης και του ελέγχου ποιότητας.

2

00:00:11,880 --> 00:00:14,145

Στο Μάθημα 3.1 επικεντρωνόμαστε
στα κρίσιμα στοιχεία της συντήρησης.

3

00:00:21,151 --> 00:00:25,120

Στο Μάθημα 3.1 επικεντρωνόμαστε
στα κρίσιμα στοιχεία της συντήρησης.

4

00:00:25,160 --> 00:00:30,280

Από τον έλεγχο των συστημάτων άρδευσης
μέχρι τη χρήση θερμικών καμερών για τον εντοπισμό διαρροών,

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00:00:30,280 --> 00:00:34,795

μάθε τη σημασία των τακτικών επιθεωρήσεων
και των προχωρημένων τεχνικών

6

00:00:38,798 --> 00:00:41,767

Μάθε τη σημασία των τακτικών επιθεωρήσεων

7

00:00:41,800 --> 00:00:48,906

και των σύγχρονων τεχνικών που εξασφαλίζουν
τη μακροζωία των πράσινων στεγών.

8

00:01:48,920 --> 00:01:53,000

Το Μάθημα 3.2 καλύπτει όλα όσα πρέπει να γνωρίζεις
για τη συντήρηση

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00:01:53,000 --> 00:02:02,120

της υγιούς βλάστησης στις πράσινες στέγες.
Από οπτικούς ελέγχους έως τον έλεγχο παρασίτων,

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00:02:02,120 --> 00:02:07,435

ανακάλυψε αποτελεσματικές στρατηγικές
για τη διατήρηση ζωντανής και ανθεκτικής βλάστησης.

11

00:02:10,440 --> 00:02:14,840

Στο Μάθημα 3.3 θα μάθεις πώς
να προσαρμόζεις τις δραστηριότητες συντήρησης

12

00:02:14,840 --> 00:02:17,243

ανάλογα με τις καιρικές συνθήκες και τη συμπεριφορά των φυτών.

13

00:02:20,245 --> 00:02:24,215

Απόκτησε γνώση για τις εποχικές ανάγκες των πράσινων στεγών

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00:02:24,280 --> 00:02:27,668

και βελτιστοποίησε τις δραστηριότητες συντήρησης
για τη μέγιστη ανάπτυξη.

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00:02:31,681 --> 00:02:38,799

Στο Μάθημα 3.4 διασφαλίζουμε ότι κάθε πτυχή
της πράσινης στέγης πληροί τα υψηλότερα πρότυπα ποιότητας.

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00:02:41,230 --> 00:02:45,920

Μάθε τη σημασία των μέτρων ελέγχου ποιότητας
για να εξασφαλίσεις τη διάρκεια ζωής και

17

00:02:45,920 --> 00:02:49,630

την απόδοση των συστημάτων πράσινων στεγών.

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00:02:51,668 --> 00:02:54,181

Συμμετέχετε σε διαδραστικά εργαστήρια,

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00:02:54,181 --> 00:02:58,600

επιτόπιες επιδείξεις και πρακτικά έργα.

Εγγραφείτε σήμερα

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00:02:58,600 --> 00:03:06,640

και γίνετε ειδικοί στη συντήρηση πράσινων στεγών.

Παρουσιάστε στους σπουδαστές μελέτες περίπτωσης

21

00:03:06,640 --> 00:03:13,480

πραγματικών έργων συντήρησης πράσινων στεγών,

συμπεριλαμβανομένων των προκλήσεων και των λύσεων που εφαρμόστηκαν.

22

00:03:13,480 --> 00:03:18,920

Η ανάλυση αυτών των περιπτώσεων επιτρέπει στους σπουδαστές

να εφαρμόσουν θεωρητικές γνώσεις σε πρακτικά

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00:03:18,920 --> 00:03:27,120

περιβάλλοντα και να αναπτύξουν δεξιότητες επίλυσης προβλημάτων.

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00:03:27,120 --> 00:03:33,400

Δημιουργήστε σενάρια παιχνιδιού ρόλων όπου οι σπουδαστές

αναλαμβάνουν ρόλους τεχνικών συντήρησης, διαχειριστών κτιρίων

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00:03:33,400 --> 00:03:40,560

ή επιθεωρητών. Αυτή η βιωματική προσέγγιση βοηθά

τους σπουδαστές να κατανοήσουν διαφορετικές οπτικές

26

00:03:40,560 --> 00:03:47,400

και να εξασκηθούν στην επικοινωνία και τη λήψη αποφάσεων

σε ρεαλιστικά σενάρια. Ασκήσεις προσομοίωσης:

27

00:03:47,400 --> 00:03:53,840

Χρησιμοποιήστε λογισμικό ή εργαλεία εικονικής πραγματικότητας για την προσομοίωση εργασιών συντήρησης όπως οι έλεγχοι άρδευσης

28

00:03:53,840 --> 00:04:00,800

ή η παρακολούθηση της βλάστησης. Αυτές οι προσομοιώσεις παρέχουν ένα ασφαλές περιβάλλον εξάσκησης

29

00:04:00,800 --> 00:04:06,832

ώστε οι σπουδαστές να αναπτύξουν δεξιότητες και αυτοπεποίθηση πριν τις εφαρμόσουν σε πραγματικές συνθήκες.

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00:04:09,323 --> 00:04:12,400

Προσκαλέστε επαγγελματίες από τον κλάδο των πράσινων στεγών

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00:04:12,400 --> 00:04:18,800

να μοιραστούν την εμπειρία και τις γνώσεις τους με τους σπουδαστές. Ακούγοντας ειδικούς του χώρου,

32

00:04:18,800 --> 00:04:25,339

οι σπουδαστές αποκτούν πολύτιμες γνώσεις και εκτίθενται στις σύγχρονες πρακτικές και τάσεις του κλάδου.

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00:04:27,163 --> 00:04:31,120

Δημιουργήστε ευκαιρίες για τους σπουδαστές να αποκτήσουν
πρακτική εμπειρία

34

00:04:31,120 --> 00:04:37,240

μέσω επιτόπιας εργασίας ή πρακτικής άσκησης
σε τοπικές εταιρείες συντήρησης πράσινων στεγών

35

00:04:37,240 --> 00:04:43,440

ή οργανισμούς. Η εμβάθυνση σε πραγματικά περιβάλλοντα
επιτρέπει στους σπουδαστές να εφαρμόσουν

36

00:04:43,440 --> 00:04:49,758

θεωρητικές γνώσεις, να αναπτύξουν πρακτικές δεξιότητες
και να χτίσουν επαγγελματικά δίκτυα.

37

00:04:51,892 --> 00:04:56,240

Ενθαρρύνετε τη διδασκαλία και μάθηση μεταξύ ομοτίμων,
αναθέτοντας στους σπουδαστές

38

00:04:56,240 --> 00:05:03,400

να ερευνήσουν και να παρουσιάσουν θέματα σχετικά με
τη συντήρηση πράσινων στεγών στους συμμαθητές τους.

39

00:05:03,400 --> 00:05:08,800

Αυτή η προσέγγιση ενισχύει τη συνεργασία,
την ενεργή συμμετοχή και την εις βάθος κατανόηση του αντικειμένου.

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00:05:11,613 --> 00:05:15,360

Ζητήστε από τους σπουδαστές να διατηρούν
ημερολόγια αναστοχασμού καθ' όλη τη διάρκεια της ενότητας,

41

00:05:15,360 --> 00:05:23,000

καταγράφοντας τις μαθησιακές τους εμπειρίες,
τις προκλήσεις που συνάντησαν και τις γνώσεις που απέκτησαν.

42

00:05:23,000 --> 00:05:27,447

Η αναστοχαστική πρακτική ενισχύει την αυτογνωσία,
την κριτική σκέψη και τη συνεχή βελτίωση.

Language version: IT

1

00:00:05,640 --> 00:00:11,880

Benvenuti al Modulo 3 del nostro Green Roofs Technician
Training Program. Preparatevi a immergervi

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00:00:11,880 --> 00:00:14,145

negli elementi essenziali della manutenzione e del controllo
di qualità. Nel corso 3.1, ci concentriamo sugli elementi critici

3

00:00:21,151 --> 00:00:25,120

Nel corso 3.1, ci concentriamo sugli elementi critici

4

00:00:25,160 --> 00:00:30,280

della manutenzione degli edifici,
dall'ispezione degli impianti di irrigazione

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00:00:30,280 --> 00:00:34,795

all'uso della termografia per individuare le perdite.
Imparare l'importanza delle ispezioni regolari

6

00:00:38,798 --> 00:00:41,767

Imparare l'importanza delle ispezioni regolari

7

00:00:41,800 --> 00:00:48,906

e tecniche avanzate per garantire la
longevità delle strutture a tetto verde

8

00:01:48,920 --> 00:01:53,000

Il corso 3.2 copre tutto ciò
che per il mantenimento di

9

00:01:53,000 --> 00:02:02,120

una vegetazione sana sui tetti verdi.
Dalle ispezioni visive al controllo dei parassiti,

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00:02:02,120 --> 00:02:07,435

scoprite le strategie efficaci per
mantenere una vegetazione rigogliosa.

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00:02:10,440 --> 00:02:14,840

Nel corso 3.3 imparerete come adattare le
attività di manutenzione alle condizioni

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00:02:14,840 --> 00:02:17,243

meteorologiche e al comportamento degli impianti.

13

00:02:20,245 --> 00:02:24,215

Conoscere le esigenze stagionali dei tetti verdi

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00:02:24,280 --> 00:02:27,668

e ottimizzare le attività di manutenzione
per una crescita ottimale.

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00:02:31,681 --> 00:02:38,799

Nel corso 3.4, ci assicuriamo che ogni aspetto del
tetto verde soddisfi i più alti standard di qualità.

16

00:02:41,230 --> 00:02:45,920

Imparare l'importanza delle misure di controllo
della qualità per garantire la durata e

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00:02:45,920 --> 00:02:49,630

prestazioni dei sistemi di copertura a verde.

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00:02:51,668 --> 00:02:54,181

Unitevi a noi per workshop interattivi,

19

00:02:54,181 --> 00:02:58,600

dimostrazioni in situ e progetti pratici.

Iscrivetevi oggi stesso e diventate

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00:02:58,600 --> 00:03:06,640

maestri nella manutenzione dei tetti verdi.

Presentare agli studenti casi di studio

21

00:03:06,640 --> 00:03:13,480

di progetti reali di manutenzione di tetti verdi,
comprese le sfide affrontate e le soluzioni implementate.

22

00:03:13,480 --> 00:03:18,920

L'analisi di questi casi permette agli studenti di
applicare le conoscenze teoriche alle situazioni pratiche

23

00:03:18,920 --> 00:03:27,120

e di sviluppare le capacità di risoluzione dei problemi.

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00:03:27,120 --> 00:03:33,400

Create scenari di gioco di ruolo in cui gli studenti assumono
il ruolo di tecnici della manutenzione, gestori di edifici

25

00:03:33,400 --> 00:03:40,560

o ispettori. Questo approccio coinvolgente aiuta
gli studenti a comprendere le diverse prospettive e

26

00:03:40,560 --> 00:03:47,400

ad esercitarsi nella comunicazione e nel processo decisionale
in scenari realistici. Esercizi di simulazione: Utilizzare

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00:03:47,400 --> 00:03:53,840

software di simulazione o strumenti di realtà virtuale per simulare
attività di manutenzione come le ispezioni dei sistemi di irrigazione

28

00:03:53,840 --> 00:04:00,800

o il monitoraggio della vegetazione. Queste simulazioni
offrono agli studenti un ambiente privo di rischi

29

00:04:00,800 --> 00:04:06,832

cui esercitarsi e acquisire sicurezza
prima di applicarle in contesti reali.

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00:04:09,323 --> 00:04:12,400

Invitare relatori ospiti dell'industria dei tetti verdi

31

00:04:12,400 --> 00:04:18,800

per condividere con gli studenti le loro competenze ed
esperienze. L'ascolto di professionisti che lavorano

32

00:04:18,800 --> 00:04:25,339

nel settore offre spunti preziosi ed espone gli
studenti alle pratiche e alle tendenze attuali.

33

00:04:27,163 --> 00:04:31,120

Facilitare le opportunità per gli studenti di acquisire

34

00:04:31,120 --> 00:04:37,240

esperienza pratica attraverso il lavoro sul campo o gli stage
presso aziende o organizzazioni locali di manutenzione

35

00:04:37,240 --> 00:04:43,440

dei tetti verdi. L'immersione in ambienti
reali permette agli studenti di applicare

36

00:04:43,440 --> 00:04:49,758

le conoscenze teoriche, di sviluppare abilità
competenze pratiche e di creare reti professionali.

37

00:04:51,892 --> 00:04:56,240

Incoraggiare l'insegnamento e l'apprendimento
tra pari, assegnando agli studenti il compito

38

00:04:56,240 --> 00:05:03,400

di ricercare e presentare ai compagni argomenti relativi
alla manutenzione dei tetti verdi. Questo approccio

39

00:05:03,400 --> 00:05:08,800

promuove l'impegno attivo, la collaborazione
e una comprensione più profonda dell'argomento.

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00:05:11,613 --> 00:05:15,360

Invitare gli studenti a tenere un diario riflessivo durante

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00:05:15,360 --> 00:05:23,000

il modulo, documentando le loro esperienze di apprendimento,
le sfide incontrate e le intuizioni acquisite.

42

00:05:23,000 --> 00:05:27,447

La pratica riflessiva incoraggia l'autoconsapevolezza,
il pensiero critico e il miglioramento continuo.

Language version: LT

1

00:00:05,640 --> 00:00:11,880

Sveiki atvykę į mūsų Žaliųjų stogų technikų
mokymo programos 3 modulį. Pasiruoškite pasinerti

2

00:00:11,880 --> 00:00:14,145

į techninės priežiūros ir kokybės kontrolės pagrindus.

3

00:00:21,151 --> 00:00:25,120

3.1 kurse daugiausia dėmesio skiriame svarbiausiems

4

00:00:25,160 --> 00:00:30,280

pastatų techninės priežiūros elementams,
nuo drėkinimo sistemų tikrinimo

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00:00:30,280 --> 00:00:34,795

iki termovizoriaus naudojimo nuotėkiams aptikti.

6

00:00:38,798 --> 00:00:41,767

Sužinokite, kaip svarbu reguliariai atlikti patikras
ir taikyti pažangius metodus,

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00:00:41,800 --> 00:00:48,906

kad užtikrintumėte

žaliųjų stogų konstrukcijų ilgaamžiškumą.

8

00:01:48,920 --> 00:01:53,000

3.2 kursas apima viską, ką

reikia žinoti apie sveikos augmenijos

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00:01:53,000 --> 00:02:02,120

ant žaliųjų stogų palaikymą.

Nuo vizualinių patikrinimų iki kenkėjų kontrolės,

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00:02:02,120 --> 00:02:07,435

atraskite veiksmingas strategijas,

kaip palaikyti augmenijos klestėjimą.

11

00:02:10,440 --> 00:02:14,840

3.3 kurse sužinosite, kaip

pritaikyti techninės priežiūros veiklas

12

00:02:14,840 --> 00:02:17,243

prie oro sąlygų ir augalų elgsenos.

13

00:02:20,245 --> 00:02:24,215

Sužinosite, kokie yra sezoniniai žaliųjų stogų poreikiai

14

00:02:24,280 --> 00:02:27,668

ir išmokssite optimizuoti jų priežiūrą
optimaliam augimui.

15

00:02:31,681 --> 00:02:38,799

3.4 kurse išmoksime, kaip užtikrinti, kad kiekvienas aspektas,
susijęs su žaliaisiais stogais, atitiktų aukščiausius kokybės standartus.

16

00:02:41,230 --> 00:02:45,920

Sužinokite apie kokybės kontrolės priemonių svarbą
siekiant užtikrinti ilgaamžiškumą ir

17

00:02:45,920 --> 00:02:49,630

sėkmingą žaliųjų stogų sistemų eksploataciją.

18

00:02:51,668 --> 00:02:54,181

Prisijunkite prie mūsų ir dalyvaukite interaktyviose dirbtuvėse,

19

00:02:54,181 --> 00:02:58,600

demonstracijose vietoje ir praktiniuose projektuose.

Užsiregistruokite šiandien

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00:02:58,600 --> 00:03:06,640

ir tapkite žaliųjų stogų priežiūros meistrų.

Pateikite studentams realių žaliųjų stogų pavyzdžius,

21

00:03:06,640 --> 00:03:13,480

iššūkius, su kuriais susiduriama,

ir įgyvendintus sprendimus.

22

00:03:13,480 --> 00:03:18,920

Analizuodami šiuos atvejus studentai galės

taikyti teorines žinias praktinėse

23

00:03:18,920 --> 00:03:27,120

situacijose ir ugdyti savo problemų sprendimo įgūdžius.

24

00:03:27,120 --> 00:03:33,400

Sukurkite vaidmenų žaidimų scenarijus, kuriuose studentai atlieka

techninės priežiūros specialistų, pastatų vadovų,

25

00:03:33,400 --> 00:03:40,560

arba inspektorių vaidmenis. Šis įtraukiantis metodas padeda

suprasti skirtingus požiūrius ir

26

00:03:40,560 --> 00:03:47,400

praktikuotis bendrauti bei priimti sprendimus.

Modeliavimo pratimai: Naudokite

27

00:03:47,400 --> 00:03:53,840

modeliavimo programinę įrangą arba virtualios realybės priemones, kad imituotumėte techninės priežiūros užduotis, pvz., drėkinimo

28

00:03:53,840 --> 00:04:00,800

sistemos patikrinimus arba augmenijos stebėseną. Šie imitaciniai modeliai suteikia galimybę studentams

29

00:04:00,800 --> 00:04:06,832

praktiškai išbandyti įgūdžius ir įgyti pasitikėjimo savimi, prieš taikant juos realioje aplinkoje.

30

00:04:09,323 --> 00:04:12,400

Kvieskite atvykti žaliųjų stogų pramonės atstovus,

31

00:04:12,400 --> 00:04:18,800

kad jie pasidalytų savo žiniomis ir patirtimi su studentais. Galimybė išklausti šioje srityje dirbančių profesionalų,

32

00:04:18,800 --> 00:04:25,339

gali suteikti vertingų įžvalgų ir supažindinti studentus su naujausiomis praktikomis ir tendencijomis.

33

00:04:27,163 --> 00:04:31,120

Sudarykite

galimybes studentams įgyti praktinės patirties

34

00:04:31,120 --> 00:04:37,240

atliekant lauko darbus ar stažuotes

vietinėse žaliųjų stogų priežiūros įmonėse

35

00:04:37,240 --> 00:04:43,440

ar organizacijose. Įsitraukimas į realaus pasaulio

aplinką leidžia studentams taikyti

36

00:04:43,440 --> 00:04:49,758

teorines žinias, plėtoti praktinius

įgūdžius ir užmegzti profesinius ryšius.

37

00:04:51,892 --> 00:04:56,240

Skatinkite tarpusavio bendravimo

mokymą ir mokymąsi, skiriant studentams

38

00:04:56,240 --> 00:05:03,400

tirti ir pristatyti temas, susijusias su žaliaisiais stogais,

savo grupės draugams. Šis metodas

39

00:05:03,400 --> 00:05:08,800

skatina aktyvų dalyvavimą, bendradarbiavimą,
ir gilesnį dalyko supratimą.

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00:05:11,613 --> 00:05:15,360

Paprašykite studentų viso modulio metu pildyti refleksijos
žurnalus,

41

00:05:15,360 --> 00:05:23,000

kuriuose fiksuotų savo mokymosi patirtį,
patiriamus iššūkius ir įžvalgas.

42

00:05:23,000 --> 00:05:27,447

Reflektyvioji praktika skatina savęs pažinimą,
kritinį mąstymą ir nuolatinį tobulėjimą.

Language version: PL

1

00:00:05,640 --> 00:00:11,880 Witamy w module 3 naszego programu szkoleniowego dla techników zielonych dachów. Przygotuj się na zapoznanie z

2

00:00:11,880 --> 00:00:14,145 podstawami konserwacji i kontroli jakości.

W kursie 3.1 skupiamy się na kluczowych

3

00:00:21,151 --> 00:00:25,120

W kursie 3.1 skupiamy się na kluczowych

4

00:00:25,160 --> 00:00:30,280 elementach konserwacji budynków, od inspekcji systemów nawadniających

5

00:00:30,280 --> 00:00:34,795 po wykorzystanie obrazowania termowizyjnego do wykrywania wycieków.

Dowiedz się, jak ważne są regularne inspekcje

6

00:00:38,798 --> 00:00:41,767

Dowiedz się, jak ważne są regularne inspekcje

7

00:00:41,800 --> 00:00:48,906 i zaawansowane techniki zapewniające trwałość konstrukcji zielonych dachów.

8

00:01:48,920 --> 00:01:53,000

Kurs 3.2 obejmuje wszystko, co musisz wiedzieć o utrzymaniu

9

00:01:53,000 --> 00:02:02,120 zdrowej roślinności na zielonych dachach. Od inspekcji wizualnych po zwalczanie szkodników -

10

00:02:02,120 --> 00:02:07,435

odkryj skuteczne strategie utrzymania kwitnącej roślinności.

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00:02:10,440 --> 00:02:14,840

W kursie 3.3 dowiesz się, jak dostosować czynności konserwacyjne

12

00:02:14,840 --> 00:02:17,243

do warunków pogodowych i zachowania roślin. 13

00:02:20,245 --> 00:02:24,215

Uzyskaj wgląd w sezonowe potrzeby zielonych dachów

14

00:02:24,280 --> 00:02:27,668

i zoptymalizuj działania konserwacyjne w celu uzyskania optymalnego wzrostu.

15

00:02:31,681 --> 00:02:38,799

W kursie 3.4 upewniamy się, że każdy aspekt zielonego dachu spełnia najwyższe standardy jakości.

16

00:02:41,230 --> 00:02:45,920 Dowiedz się, jak ważne są środki kontroli jakości w celu zapewnienia trwałości

17

00:02:45,920 --> 00:02:49,630

i wydajności systemów zielonych dachów.

18

00:02:51,668 --> 00:02:54,181

Dołącz do nas i weź udział w interaktywnych warsztatach,

19

00:02:54,181 --> 00:02:58,600

demonstracjach na miejscu i praktycznych projektach. Zarejestruj się już dziś

20

00:02:58,600 --> 00:03:06,640i zostać mistrzem w utrzymaniu zielonych dachów.

Zaprezentuj studentom studia przypadków

21

00:03:06,640 --> 00:03:13,480rzeczywistych projektów konserwacji zielonych dachów, w tym stojące przed nimi wyzwania i wdrożone rozwiązania.

22

00:03:13,480 --> 00:03:18,920Analiza tych przypadków pozwala studentom zastosować wiedzę teoretyczną w praktycznych

23

00:03:18,920 --> 00:03:27,120sytuacjach i rozwinąć umiejętności rozwiązywania problemów.

24

00:03:27,120 --> 00:03:33,400Twórz scenariusze odgrywania ról, w których uczniowie wcielają się w role zarządzających techników, zarządców budynków

25

00:03:33,400 --> 00:03:40,560

lub inspektorów. To wciągające podejście pomaga uczniom zrozumieć różne perspektywy

26

00:03:40,560 --> 00:03:47,400

oraz ćwiczyć komunikację i podejmowanie decyzji w realistycznych scenariuszach. Ćwiczenia symulacyjne: Użyj

27

00:03:47,400 --> 00:03:53,840

oprogramowania symulacyjnego lub narzędzi rzeczywistości wirtualnej do symulacji zadań konserwacyjnych, takich jak inspekcje

28

00:03:53,840 --> 00:04:00,800

systemów nawadniających lub monitorowanie roślinności. Symulacje te zapewniają uczniom wolne od ryzyka środowisko, w którym

29

00:04:00,800 --> 00:04:06,832

mogą ćwiczyć umiejętności i zdobywać pewność siebie przed zastosowaniem ich w rzeczywistych warunkach.

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00:04:09,323 --> 00:04:12,400

Zaproś gościnnych prelegentów z branży zielonych dachów,

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00:04:12,400 --> 00:04:18,800

aby podzielili się ze studentami swoją wiedzą i doświadczeniami. Wysłuchanie specjalistów pracujących

32

00:04:18,800 --> 00:04:25,339

w tej dziedzinie dostarcza cennych spostrzeżeń i pozwala studentom zapoznać się z aktualnymi praktykami i trendami.

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00:04:27,163 --> 00:04:31,120

Zapewnij studentom możliwość zdobycia praktycznego

34

00:04:31,120 --> 00:04:37,240

doświadczenia poprzez pracę w terenie lub staże w zajmujących się konserwacją zielonych dachów lokalnych firmach

35

00:04:37,240 --> 00:04:43,440

lub organizacjach. Zanurzenie się w środowisku rzeczywistym pozwala studentom zastosować

36

00:04:43,440 --> 00:04:49,758

wiedzę teoretyczną, rozwijać umiejętności praktyczne i budować sieci zawodowe.

37

00:04:51,892 --> 00:04:56,240

Encourage mutual learning and learning from each other, assigning students to research

38

00:04:56,240 --> 00:05:03,400

and presenting to their classmates topics related to the maintenance of green roofs. Such an approach

39

00:05:03,400 --> 00:05:08,800

promuje aktywne zaangażowanie, współpracę i głębsze zrozumienie tematu

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00:05:11,613 --> 00:05:15,360

Niech uczniowie prowadzą dzienniki obserwacji przez cały moduł,

41

00:05:15,360 --> 00:05:23,000

dokumentując swoje doświadczenia związane z nauką, napotkane wyzwania i zdobyte spostrzeżenia.

42

00:05:23,000 --> 00:05:27,447 Utrwalanie obserwacji zachęca do samoświadomości, krytycznego myślenia i ciągłego doskonalenia.

Language version: PT

1

00:00:05,640 --> 00:00:11,880

Bem-vindo ao Módulo 3 do nosso Programa de Formação de
Técnicos de Coberturas Verdes. Prepare-se para mergulhar nos

2

00:00:11,880 --> 00:00:14,145

fundamentos da manutenção e do controlo de qualidade.

3

00:00:21,151 --> 00:00:25,120

No Curso 3.1, focamo-nos nos elementos essenciais
da manutenção de edifícios,

4

00:00:25,160 --> 00:00:30,280

desde a inspeção de sistemas de rega
até à utilização de imagens térmicas para detetar infiltrações.

5

00:00:30,280 --> 00:00:34,795

Aprenda a importância das inspeções regulares
e das técnicas avançadas que garantem

6

00:00:38,798 --> 00:00:41,767

a longevidade das estruturas de coberturas verdes.

7

00:00:41,800 --> 00:00:48,906

Aprenda técnicas avançadas para assegurar
a durabilidade das estruturas de coberturas verdes.

8

00:01:48,920 --> 00:01:53,000

O Curso 3.2 abrange tudo o que precisa de saber
sobre a manutenção

9

00:01:53,000 --> 00:02:02,120

de vegetação saudável em coberturas verdes.

Desde inspeções visuais até ao controlo de pragas,

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00:02:02,120 --> 00:02:07,435

descubra estratégias eficazes para manter
uma vegetação vigorosa e sustentável.

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00:02:10,440 --> 00:02:14,840

No Curso 3.3, aprenderá a adaptar
as atividades de manutenção

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00:02:14,840 --> 00:02:17,243

às condições meteorológicas e ao comportamento das plantas.

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00:02:20,245 --> 00:02:24,215

Compreenda as necessidades sazonais das coberturas verdes

14

00:02:24,280 --> 00:02:27,668

e otimize as atividades de manutenção
para promover um crescimento ideal.

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00:02:31,681 --> 00:02:38,799

No Curso 3.4, garantimos que todos os aspetos
da cobertura verde cumprem os mais elevados padrões de qualidade.

16

00:02:41,230 --> 00:02:45,920

Aprenda a importância das medidas de controlo de qualidade
para assegurar a durabilidade e

17

00:02:45,920 --> 00:02:49,630

o desempenho dos sistemas de coberturas verdes.

18

00:02:51,668 --> 00:02:54,181

Participe em oficinas interativas,

19

00:02:54,181 --> 00:02:58,600

demonstrações práticas no local
e projetos aplicados. Inscreva-se hoje mesmo

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00:02:58,600 --> 00:03:06,640

e torne-se um especialista em manutenção de coberturas verdes.

Apresente aos formandos estudos de caso

21

00:03:06,640 --> 00:03:13,480

de projetos reais de manutenção de coberturas verdes,
incluindo os desafios enfrentados e as soluções implementadas.

22

00:03:13,480 --> 00:03:18,920

A análise destes casos permite aos formandos
aplicar o conhecimento teórico a situações práticas

23

00:03:18,920 --> 00:03:27,120

e desenvolver competências de resolução de problemas.

24

00:03:27,120 --> 00:03:33,400

Crie cenários de simulação em que os formandos assumem os papéis
de técnicos de manutenção, gestores de edifício

25

00:03:33,400 --> 00:03:40,560

ou inspetores. Esta abordagem imersiva ajuda-os
a compreender diferentes perspetivas e

26

00:03:40,560 --> 00:03:47,400

a praticar a comunicação e a tomada de decisões
em contextos realistas.

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00:03:47,400 --> 00:03:53,840

Exercícios de simulação: utilize software ou ferramentas de realidade virtual para simular tarefas de manutenção,

28

00:03:53,840 --> 00:04:00,800

como inspeções de sistemas de rega ou monitorização da vegetação. Estas simulações

29

00:04:00,800 --> 00:04:06,832

oferecem um ambiente seguro para que os formandos possam praticar competências e ganhar confiança

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00:04:09,323 --> 00:04:12,400

antes de as aplicarem em contextos reais.

Convide oradores convidados da indústria das coberturas verdes

31

00:04:12,400 --> 00:04:18,800

para partilhar a sua experiência e conhecimentos com os formandos. Ouvir profissionais no ativo

32

00:04:18,800 --> 00:04:25,339

proporciona uma visão valiosa e expõe os formandos a práticas e tendências atuais do setor.

33

00:04:27,163 --> 00:04:31,120

Facilite oportunidades para que os formandos obtenham
experiência prática,

34

00:04:31,120 --> 00:04:37,240

através de trabalho de campo ou estágios
com empresas locais de manutenção de coberturas verdes

35

00:04:37,240 --> 00:04:43,440

ou organizações do setor. A imersão em contextos reais
permite aplicar conhecimentos teóricos,

36

00:04:43,440 --> 00:04:49,758

desenvolver competências práticas
e criar redes profissionais.

37

00:04:51,892 --> 00:04:56,240

Incentive a aprendizagem entre pares,
atribuindo aos formandos o desafio de

38

00:04:56,240 --> 00:05:03,400

pesquisar e apresentar temas relacionados com
a manutenção de coberturas verdes aos colegas.

39

00:05:03,400 --> 00:05:08,800

Esta abordagem promove o envolvimento ativo,
a colaboração e uma compreensão mais profunda da matéria.

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00:05:11,613 --> 00:05:15,360

Peça aos formandos que mantenham diários reflexivos
ao longo de todo o módulo,

41

00:05:15,360 --> 00:05:23,000

documentando as suas experiências de aprendizagem,
os desafios encontrados e os conhecimentos adquiridos.

42

00:05:23,000 --> 00:05:27,447

A prática reflexiva promove a autoconsciência,
o pensamento crítico e a melhoria contínua.

Language version: RO

1

00:00:05,640 --> 00:00:11,880

Bine ați venit la modulul 3 al Programului nostru de Formare a Tehnicianului
în Acoperișuri Verzi. Pregătiți-vă să vă aventurați în

2

00:00:11,880 --> 00:00:14,145

elementele esențiale ale întreținerii și controlului calității.

În Cursul 3.1, ne concentrăm asupra aspectelor critice

3

00:00:21,151 --> 00:00:25,120

În Cursul 3.1, ne concentrăm asupra aspectelor critice

4

00:00:25,160 --> 00:00:30,280

ale întreținerii clădirilor, începând
cu inspecția sistemelor de irigație

5

00:00:30,280 --> 00:00:34,795

și terminând cu utilizarea imaginii termice pentru detectarea scurgerilor.

Aflați importanța inspecțiilor regulate

6

00:00:38,798 --> 00:00:41,767

Aflați importanța inspecțiilor regulate

7

00:00:41,800 --> 00:00:48,906

și tehnicile avansate pentru a asigura
longevitatea structurilor acoperișurilor verzi

8

00:01:48,920 --> 00:01:53,000

Cursul 3.2 acoperă tot ceea ce trebuie
să știți despre menținerea

9

00:01:53,000 --> 00:02:02,120

unei vegetații sănătoase pe acoperișurile verzi.
De la inspecții vizuale la controlul dăunătorilor,

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00:02:02,120 --> 00:02:07,435

descoperiți strategii eficiente pentru
menținerea vegetației înfloritoare

11

00:02:10,440 --> 00:02:14,840

În cursul 3.3 veți învăța cum
să adaptați activitățile de întreținere

12

00:02:14,840 --> 00:02:17,243

la condițiile meteorologice și la comportamentul plantelor

13

00:02:20,245 --> 00:02:24,215

Obțineți o perspectivă asupra nevoilor sezoniere ale

14

00:02:24,280 --> 00:02:27,668

Acoperișurilor verzi și optimizați întreținerea
activităților pentru o creștere optimă a vegetației

15

00:02:31,681 --> 00:02:38,799

În Cursul 3.4, ne asigurăm că fiecare aspect al
acoperișului verde îndeplinește cele mai înalte standarde de calitate

16

00:02:41,230 --> 00:02:45,920

Învățați importanța măsurilor de control al calității
pentru a asigura durabilitatea și

17

00:02:45,920 --> 00:02:49,630

performanța sistemelor de acoperișuri verzi

18

00:02:51,668 --> 00:02:54,181

Alăturați-vă nouă pentru atelierele interactive,

19

00:02:54,181 --> 00:02:58,600

demonstrații la fața locului și
proiecte practice. Înscrieți-vă astăzi

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00:02:58,600 --> 00:03:06,640

și deveniți specialiști în întreținerea acoperișului verde.

Sunt prezente cele mai recente studii de caz

21

00:03:06,640 --> 00:03:13,480

ale proiectelor reale de întreținere a acoperișului verde, inclusiv
provocările cu care se confruntă și soluțiile implementate.

22

00:03:13,480 --> 00:03:18,920

Analizarea acestor cazuri permite studenților să
aplice cunoștințele teoretice la

23

00:03:18,920 --> 00:03:27,120

situațiile practice și să își dezvolte abilități de rezolvare a problemelor.

24

00:03:27,120 --> 00:03:33,400

Sunt create scenarii cu jocuri de rol în care studenții își asumă rolurile de
tehnicieni de întreținere, de directori de construcții,

25

00:03:33,400 --> 00:03:40,560

sau de inspectori. Această abordare imersivă ajută
studenții să înțeleagă perspective diferite și

26

00:03:40,560 --> 00:03:47,400

exersează comunicarea și luarea deciziilor în
scenarii realiste. Exerciții de simulare: Sunt utilizate

27

00:03:47,400 --> 00:03:53,840

softuri de simulare sau instrumente de realitate virtuală care simulează sarcini de întreținere, cum ar fi irigarea,

28

00:03:53,840 --> 00:04:00,800

inspecții ale sistemului de irigare sau monitorizarea vegetației. Aceste simulările le oferă un mediu fără riscuri pentru

29

00:04:00,800 --> 00:04:06,832

studenți ca să își exerseze abilitățile și să câștige încredere în ei înainte de a le aplica în practică.

30

00:04:09,323 --> 00:04:12,400

Sunt invitați lectori de specialitate din industria acoperișurilor verzi

31

00:04:12,400 --> 00:04:18,800

pentru a împărtăși expertiza și experiența lor cu studenții. Audiind profesioniști care lucrează

32

00:04:18,800 --> 00:04:25,339

în domeniu oferă perspective valoroase și expune studenții la practicile și tendințele actuale.

33

00:04:27,163 --> 00:04:31,120

Facilitează

oportunități pentru studenți de a obține real

34

00:04:31,120 --> 00:04:37,240

experiență practică prin muncă de teren sau stagii

cu companii locale de întreținere a acoperișurilor verzi

35

00:04:37,240 --> 00:04:43,440

sau organizații. Imersiunea în medii reale

permite studenților să aplice

36

00:04:43,440 --> 00:04:49,758

cunoștințele teoretice, să dezvolte abilități practice și

să construiască rețele profesionale.

37

00:04:51,892 --> 00:04:56,240

Încurajează învățarea și

predarea de la egal la egal prin atribuirea studenților de

38

00:04:56,240 --> 00:05:03,400

teme de cercetare și prezentarea de subiect legate de întreținerea acoperișurilor verzi

colegilor lor de clasă. Această abordare

39

00:05:03,400 --> 00:05:08,800

promovează implicarea activă, colaborarea,
și o înțelegere mai profundă a subiectului

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00:05:11,613 --> 00:05:15,360

Studentilor li se solicită să țină jurnale introspective pe parcursul

41

00:05:15,360 --> 00:05:23,000

întregului modul, documentând experiențele lor de învățare,
provocările întâmpinate și perspective acumulate.

42

00:05:23,000 --> 00:05:27,447

Autoanaliza încurajează auto-cunoașterea,
gândirea critică și îmbunătățirea continuă.