

Climate:

This blended learning module consist of 5 e-learning modules and 3 practical assignments. This course will teach you all you need to know about climate control in a greenhouse.

Modules:

Module 1 – An introduction to climate control: You will learn why an optimal climate is needed and complex in a greenhouse and how it's controlled.

Module 2 – Humidity and temperature: You will learn how humidity and temperature affect plant growth and what effects systems have on it. Also, you get to know the Mollier diagram.

Module 3 – Light and CO₂: You will learn how light and CO₂ affect plant growth and what effects systems have on it.

Module 4 – Climate control systems: You will learn how the climate control systems work and regulate the greenhouse climate.

Module 5 – Cases: You will apply your acquired knowledge about climate control in various cases. You will practice which climate control systems need to be adjusted in a given situation and what consequences system settings have for plant growth.

Practical assignments:

The 3 practical assignments will help you to apply your acquired knowledge to your own practice. A personal instructor will give you guidance through the course, you will get personal feedback to your assignments and you can also send in questions and ask for advice. By entering this course you will get access to the Discussion area, where you can discuss topics with other professionals.

Each module will have a duration of 15-20 minutes. Each practical assignment will have a duration of 45 minutes. The modules and practical assignments will be available for 6 weeks after payment is completed. After successfully completing all three modules and the practical assignments, you can do an examination (if you wish) and hopefully will receive an accredited certificate.