


INSTRUCTION
TO REGISTER FOR THE COURSE

**5th generation district heating and cooling (5GDHC)
technology**

January, 2023

This is an instruction on how to register for the course '5th generation district heating and cooling (5GDHC) technology'. The course is placed at Open Universiteit (OU) online platform called YouLearn. Unfortunately, the platform and registration to the course is in Dutch language. However, you can use Google translate that is built in Chrome browser or just follow this instruction.

1. Go to the link: <https://www.ou.nl/en/opleiding?sku=NC0710>
2. Click the red button **'Subscribe'**
3. You will be redirected to the login/registration window (see the screenshot below). If you do not have OU account, please click **'Register here'**.



Open Universiteit 

No account? [Register here](#)

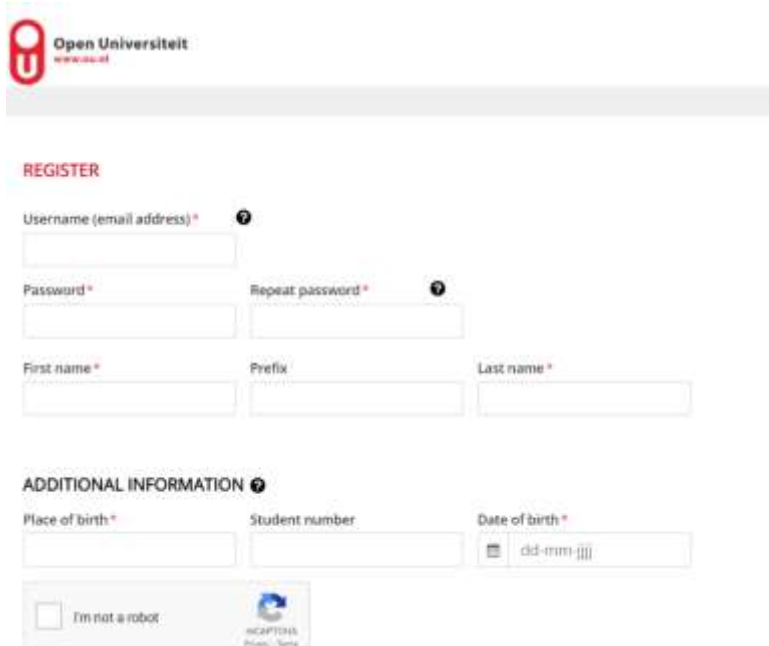
Username


Password

Log in

[Forgotten username](#) | [Forgotten password](#)

4. You will be directed to the Registration page. Please fill in your personal information (see the screenshot below).



 Open Universiteit
www.ou.nl

REGISTER


Username (email address) *

Password * Repeat password *


First name * Prefix Last name *

ADDITIONAL INFORMATION

Place of birth * Student number Date of birth *

I'm not a robot 

[Terug](#) [Kiezen](#)


Natuurwetenschappen | 0.2 EC
5th generation district heating and cooling (SGDHC) technology

Code NC0710
Inschrijfvorm Contractstudent ⓘ

[ALGEMEEN](#) [AANMELDEN](#) [MEER INFO](#)

INTRODUCTIE

The EU supports the uptake of smart and low-temperature district heating and cooling (DHC) networks to speed up the process of decarbonisation and to achieve a climate-neutral economy by 2050 (European Green Deal). However, designing, planning, and building low-temperature DHC networks is not an easy task. The 5th generation district heating and cooling (5GDHC) is a fundamentally new concept based on a decentralized network allowing direct energy flows among and within buildings, not requiring a central heat plant. To build 5GDHC network, it is important to know its specifications and technological components.

9. You will get red line as in the screenshot below. Please click 'Aanmelden'.

Studiemand
NC0710 · 5th generation district heating and cooling (SGDHC) technology
Eerstvolgend startmoment
*
Aanmelden

10. You need to register to the course. Please fill in the form with your personal information. Then please click the red button 'Verder'.

Aanmelden

Persoonlijke gegevens Bevestiging

1
2

PERSOONLIJKE GEGEVENS

Geboortenaam* Name

 Voorvoegsel geboortenaam

 Voornamen* Surname

Roepnaam

Geboortedatum* Date of birth

 Geboorteplaats* Place of birth

Geboorteland* Country of birth

Geslacht* Gender

ADRESGEGEVENS ▼

Straatnaam* **Street name** Huisnummer* **House number** Huisletter

Huisnummer toevoeging

Extra adresregel

Postcode **Postcode** Plaatsnaam* **Place**

Land* **Country**

VERDER

BEREIKBAARHEID ▼

E-mailadres **E-mail address**

Telefoonnummer

Zakelijk telefoonnummer

VERDER

Please do not forget to tick the boxes for the items:

- I agree with registration conditions
- I have filled in all the data correct and truthfully

ik ga akkoord met de [inschrijvingsvoorwaarden](#).

ik heb alle gegevens naar waarheid ingevuld.

TERUG AANMELDING AFRONDEN

As soon as you finish, please click the red button 'Aanmelding afronden' (complete registration).

11. You will be directed to the confirmation page (see the screenshot below). Please click 'NAAR MIJNOU'.

Beste mevrouw [REDACTED]

Hartelijk dank voor uw aanmelding voor **Introduction to 5th generation district heating and cooling (5GDHC)**.
Kijk voor verdere berichtgeving in de [berichten](#) in mijnOU.
Binnen enkele ogenblikken kunt u de cursus volgen in onze online leeromgeving genaamd yOUlearn.
Deze kunt u benaderen via de startpagina van MijnOU.

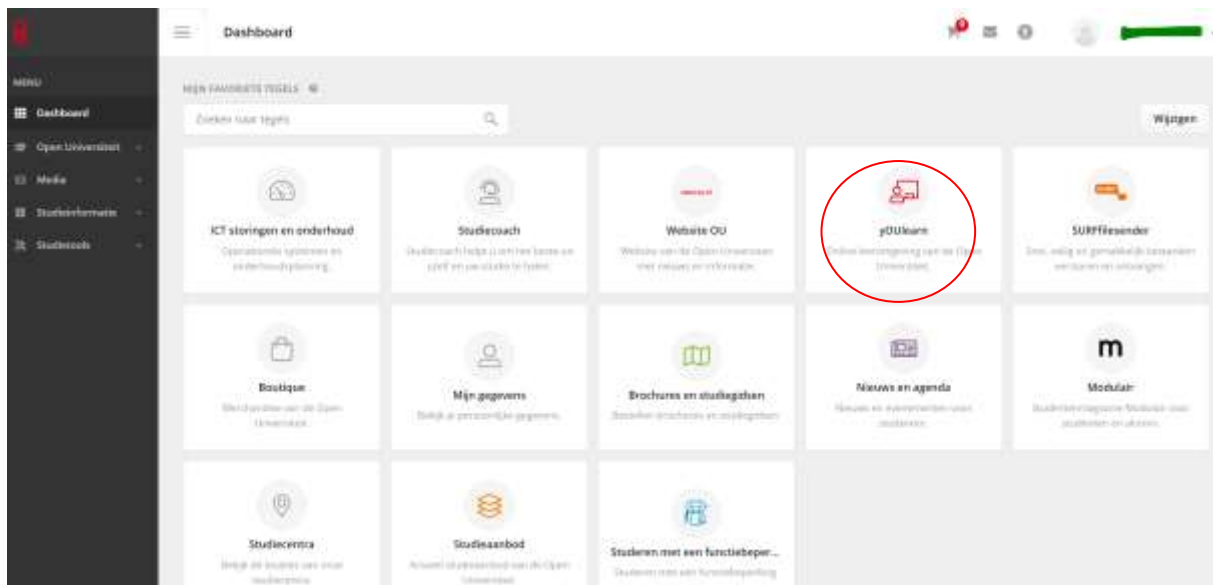
Vriendelijke groet,

Team yOUrAcademy

Open Universiteit.

NAAR MIJNOU

12. At MijnOU page, please click at yOULearn icon.



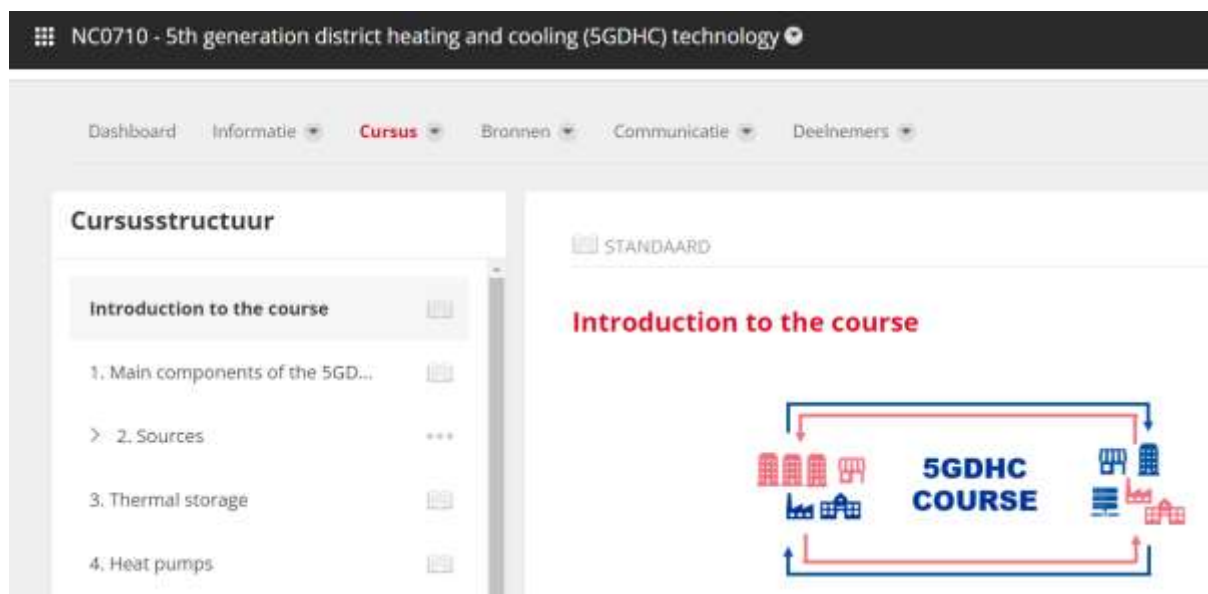
13. You will get a list of courses you are registered on. Please click on the icon NC0710 5th generation district heating and cooling (5GDHC) technology.



14. At the course page please click the red button 'Ga verder met studeren'.



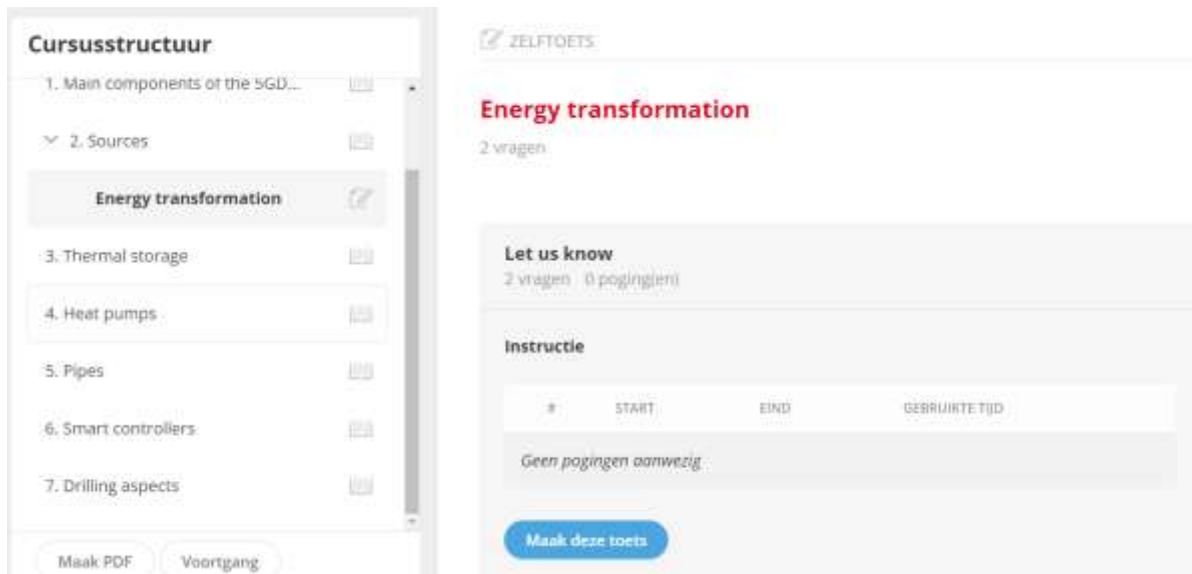
You will get the course outline.



15. You can start from the Introduction to the course. When you finish reading the section, you can click blue button Afronden (Complete). The program will register that you finished that section.



16. Some sections include self-test. You can start the test by clicking the button 'Maak deze toets'.



The image shows two parts of a learning management system. On the left, a 'Cursusstructuur' (Course structure) sidebar lists topics: 1. Main components of the 5GD..., 2. Sources, Energy transformation (highlighted), 3. Thermal storage, 4. Heat pumps, 5. Pipes, 6. Smart controllers, and 7. Drilling aspects. Below the list are buttons for 'Maak PDF' and 'Voortgang'. On the right, a 'ZELFTOETS' (Self-test) section for 'Energy transformation' shows '2 vragen'. Below this is a 'Let us know' section with '2 vragen' and '0 poging(en)'. An 'Instructie' section contains a table with columns for 'START', 'EIND', and 'GEBRUIKTIJD'. Below the table, it says 'Geen pogingen aanwezig.' and a blue button 'Maak deze toets' is visible.

17. You can always leave your question or comment to us.



The image shows a user interface for submitting a question. At the top, there are navigation links: '< Vorige' on the left and 'Volgende >' on the right. Below these is a large, light gray input field with a rounded left side. Inside this field, on the far left, is a small circular icon containing a person silhouette. To the right of this icon, the text 'Stel vraag aan tutor' is displayed. The entire input field area is circled in red.

18. You can participate in Discussions. Click Communicatie -> Discussies



The image shows a 'Discussies' (Discussions) page. At the top, there is a navigation bar with links: 'Dashboard', 'Informatie', 'Cursus', 'Bronnen', 'Communicatie' (highlighted in red), and 'Deelnemers'. Below the navigation bar, the 'Discussies' section has a 'Sorteren op:' dropdown set to 'Recent...' and a 'Filter op:' section with 'Alle deelnemers' and 'Alle categorieën' dropdowns. A blue button '+ Bericht' is in the top right. A discussion post is shown with a user profile picture on the left. The post text reads: 'Is 5GDHC a different concept than 4GDHC, therefore indeed a new generation, or is 5GDHC just a (minor) extension of the 4GDHC concept and therefore not really a new generation of DHC?'. Below the post, it says 'ALARMEN 0 reactie(s) | Ga naar discussie >'. The user's name 'Anna Bronzes' and the date '12/07/2022 11:20' are also visible.