Preparation guide

Necessary preparations for your participation in training

INNEO®

That‘s IT.

Preparation

- Create PTC account
- Installation Amazon AppStream 2.0
- Check system requirements

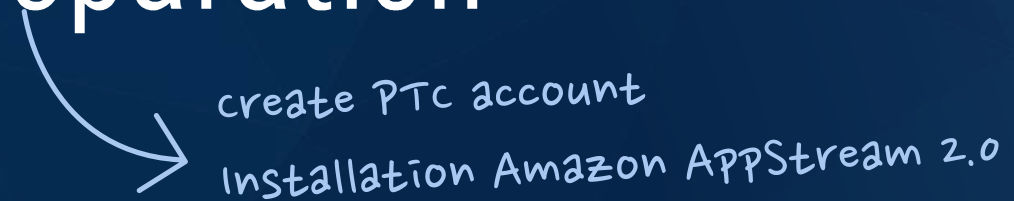
On the training day

- Starting the virtual computer (Amazon AppStream)
- Start Creo Parametric
- Access to training material

After the training - Training material

- Access after the training
- Functions in the digital document

Preparation



Create PTC Account

How can I take part?

To take part in the training, you **must** have a PTC account.

Who must be the account holder?

The PTC account must be created on the mail address of the booked participant.

PTC account already available?

Test access, reset password if necessary.

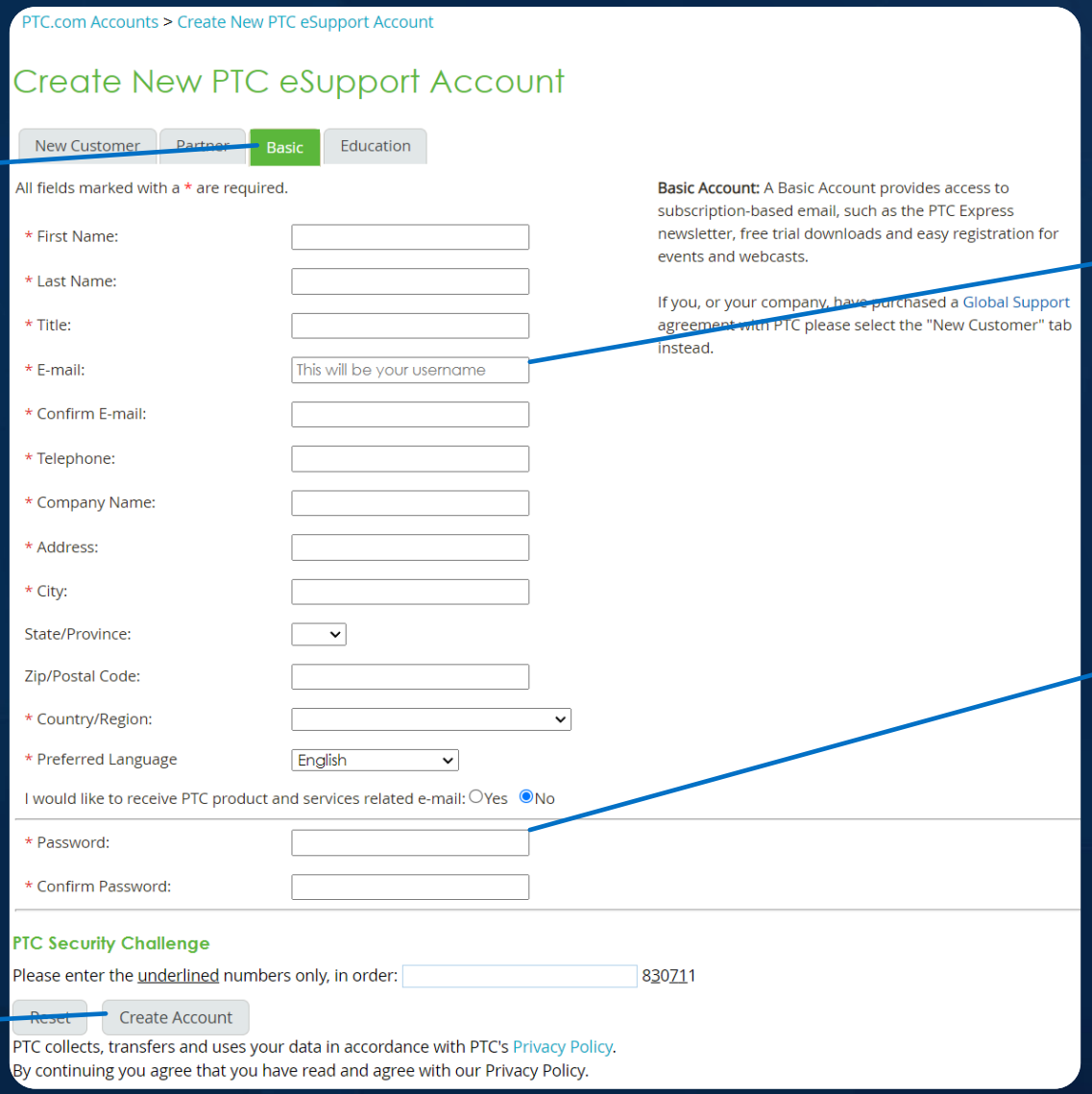
No PTC account available?

Create an account - see next page.

IMPORTANT
These steps must be completed as long as you have access to your mailbox.

Link: Create a PTC Account

Select Basic account



IMPORTANT
Please enter your company email address or the email address with which you are registered for the training and NO capital letters

Password min. 8 characters, no special characters

click to create account

By creating an account, you confirm the transfer of data to PTC.

Installation Amazon AppStream 2.0

The installation of Amazon AppStream 2.0 is **recommended**, but not essential. Browser access is also possible.
Download Amazon AppStream 2.0

Installation (or browser access) is necessary for **online training** or training **in your company**.

The Amazon AppStream needs to be installed in the **user directory** and not as admin.

At least **Windows 8** is a requirement.

You will find further information on the next slide or here: Setup Amazon AppStram 2.0

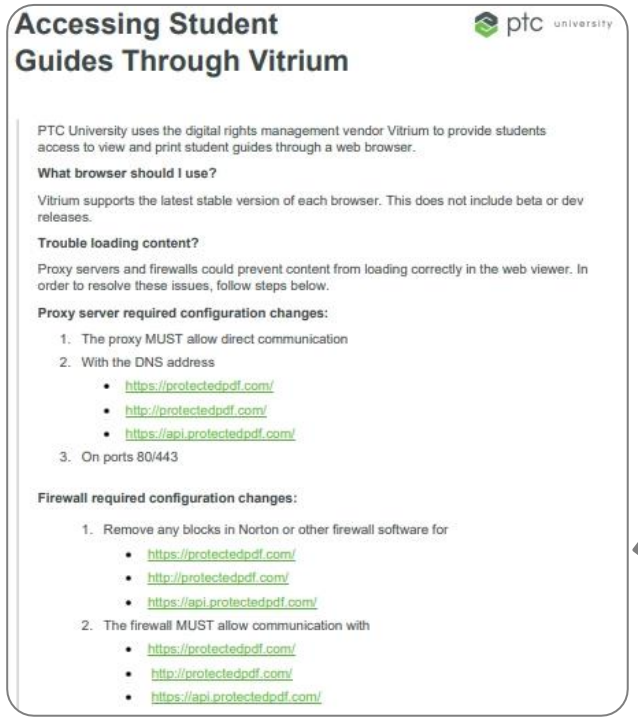
Download preferred

Browser access is possible

Installation Amazon AppStream 2.0

Check system requirements

Please check the system requirements in **advance** with the help of your **internal** IT.



Accessing Student Guides Through Vitrium

ptc university

PTC University uses the digital rights management vendor Vitrium to provide students access to view and print student guides through a web browser.

What browser should I use?

Vitrium supports the latest stable version of each browser. This does not include beta or dev releases.

Trouble loading content?

Proxy servers and firewalls could prevent content from loading correctly in the web viewer. In order to resolve these issues, follow steps below.

Proxy server required configuration changes:

1. The proxy MUST allow direct communication
2. With the DNS address
   - https://protectedpdf.com/
   - http://protectedpdf.com/
   - https://api.protectedpdf.com/
3. On ports 80/443

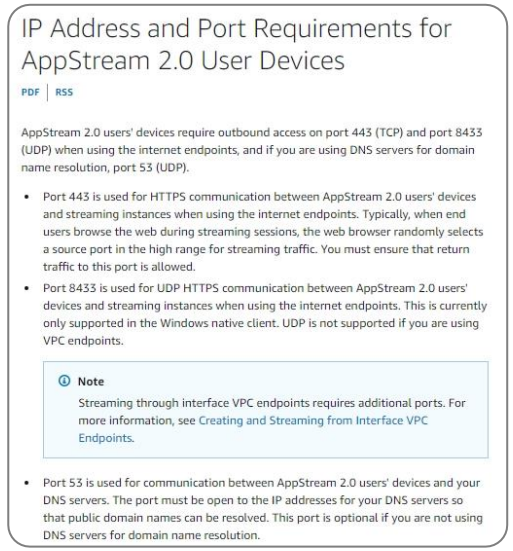
Firewall required configuration changes:

1. Remove any blocks in Norton or other firewall software for
   - https://protectedpdf.com/
   - http://protectedpdf.com/
   - https://api.protectedpdf.com/
2. The firewall MUST allow communication with
   - https://protectedpdf.com/
   - http://protectedpdf.com/
   - https://api.protectedpdf.com/

IP address and port requirements

System requirements AppStream 2.0

Access for digital documents in Vitrium



IP Address and Port Requirements for AppStream 2.0 User Devices

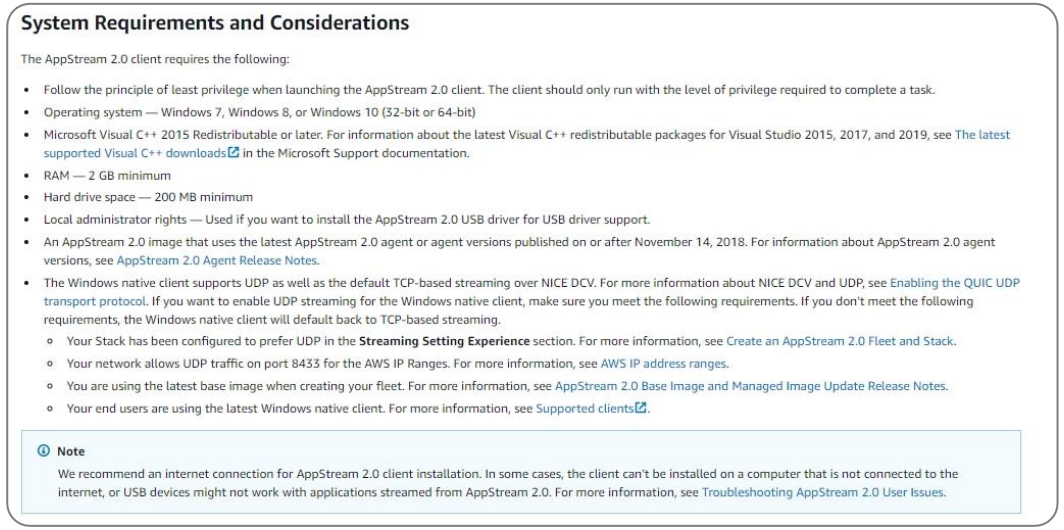
PDF | RSS

AppStream 2.0 users' devices require outbound access on port 443 (TCP) and port 8433 (UDP) when using the internet endpoints, and if you are using DNS servers for domain name resolution, port 53 (UDP).

- Port 443 is used for HTTPS communication between AppStream 2.0 users' devices and streaming instances when using the internet endpoints. Typically, when end users browse the web during streaming sessions, the web browser randomly selects a source port in the high range for streaming traffic. You must ensure that return traffic to this port is allowed.
- Port 8433 is used for UDP HTTPS communication between AppStream 2.0 users' devices and streaming instances when using the internet endpoints. This is currently only supported in the Windows native client. UDP is not supported if you are using VPC endpoints.

  Note
  Streaming through interface VPC endpoints requires additional ports. For more information, see Creating and Streaming from Interface VPC Endpoints.

- Port 53 is used for communication between AppStream 2.0 users' devices and your DNS servers. The port must be open to the IP addresses for your DNS servers so that public domain names can be resolved. This port is optional if you are not using DNS servers for domain name resolution.



System Requirements and Considerations

The AppStream 2.0 client requires the following:

- Follow the principle of least privilege when launching the AppStream 2.0 client. The client should only run with the level of privilege required to complete a task.
- Operating system — Windows 7, Windows 8, or Windows 10 (32-bit or 64-bit)
- Microsoft Visual C++ 2015 Redistributable or later. For information about the latest Visual C++ redistributable packages for Visual Studio 2015, 2017, and 2019, see The latest supported Visual C++ downloads in the Microsoft Support documentation.
- RAM — 2 GB minimum
- Hard drive space — 200 MB minimum
- Local administrator rights — Used if you want to install the AppStream 2.0 USB driver for USB driver support.
- An AppStream 2.0 image that uses the latest AppStream 2.0 agent or agent versions published on or after November 14, 2018. For information about AppStream 2.0 agent versions, see AppStream 2.0 Agent Release Notes.
- The Windows native client supports UDP as well as the default TCP-based streaming over NICE DCV. For more information about NICE DCV and UDP, see Enabling the QUIC UDP transport protocol. If you want to enable UDP streaming for the Windows native client, make sure you meet the following requirements. If you don't meet the following requirements, the Windows native client will default back to TCP-based streaming.
  - Your Stack has been configured to prefer UDP in the **Streaming Setting Experience** section. For more information, see Create an AppStream 2.0 Fleet and Stack.
  - Your network allows UDP traffic on port 8433 for the AWS IP Ranges. For more information, see AWS IP address ranges.
  - You are using the latest base image when creating your fleet. For more information, see AppStream 2.0 Base Image and Managed Image Update Release Notes.
  - Your end users are using the latest Windows native client. For more information, see Supported clients.

Note
We recommend an internet connection for AppStream 2.0 client installation. In some cases, the client can't be installed on a computer that is not connected to the internet, or USB devices might not work with applications streamed from AppStream 2.0. For more information, see Troubleshooting AppStream 2.0 User Issues.

On the training day

Starting the virtual computer (Amazon AppStream)

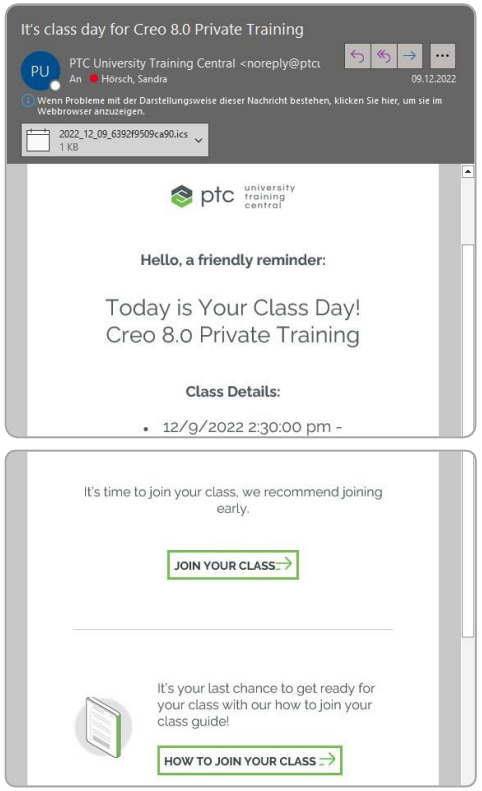
Start creo Parametric

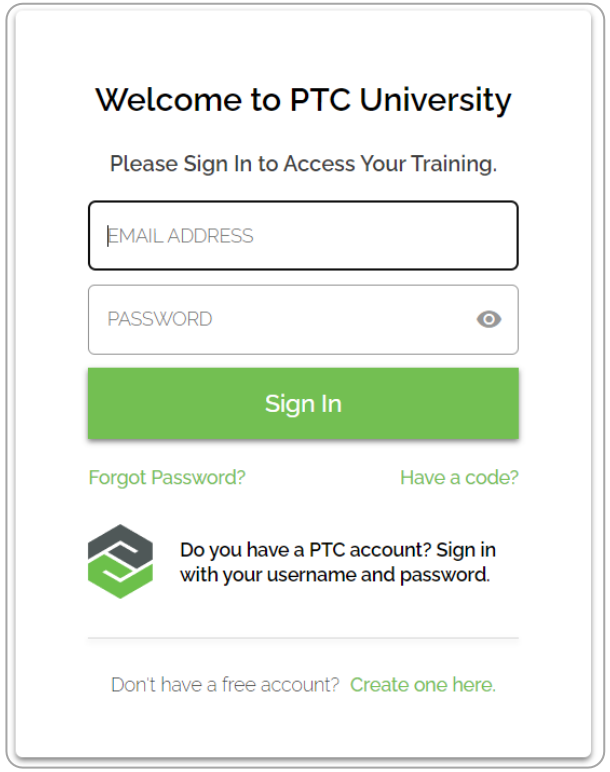
Starting the virtual computer (Amazon AppStream 2.0)

On the **first day of the training** in the morning (or the evening before) you will receive this email.

The link "Join your Class" leads to https://class.ptcu.com

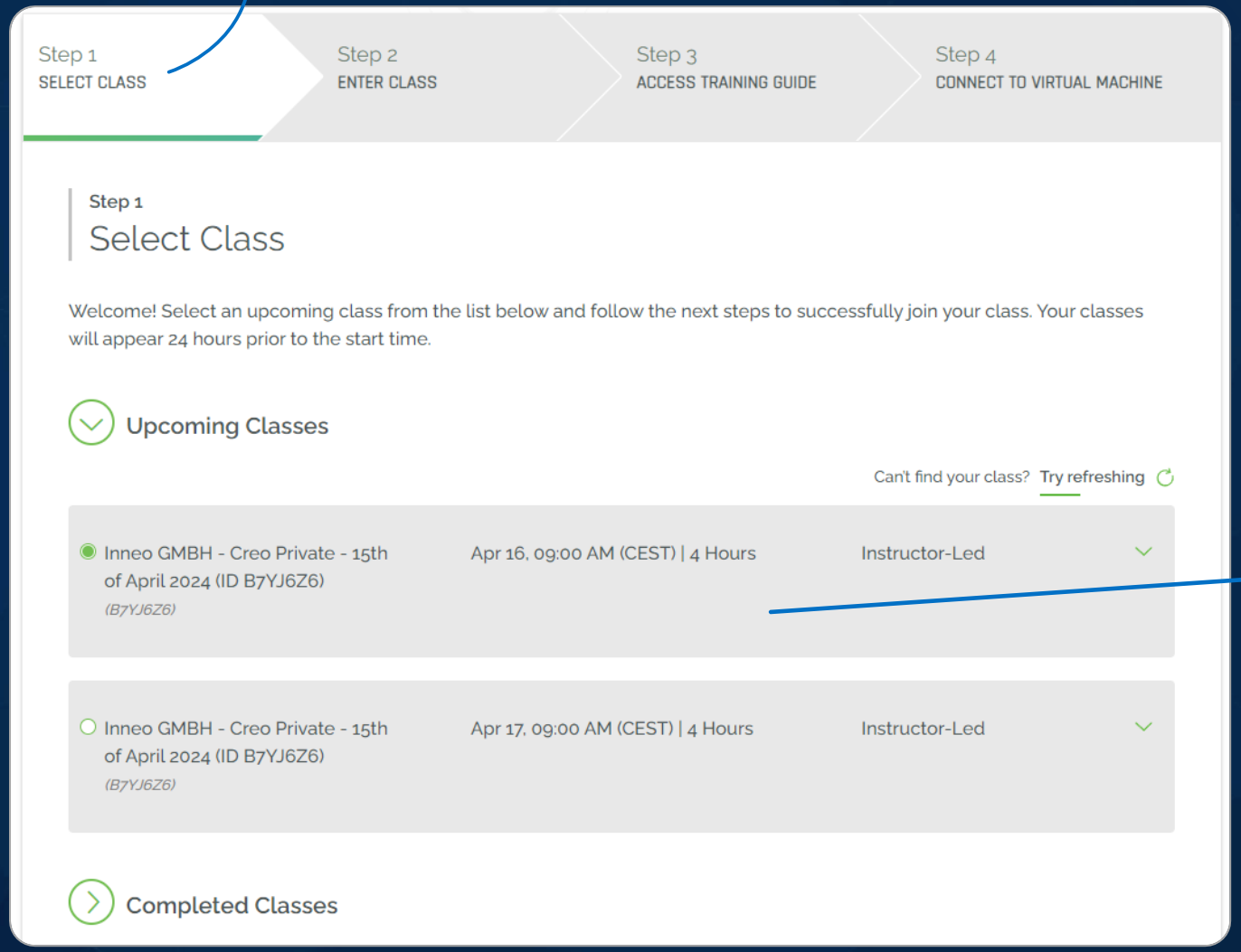
If you are training at an INNEO training centre, you **do not** need this email.





Log in to your **PTC account** at https://class.ptcu.com

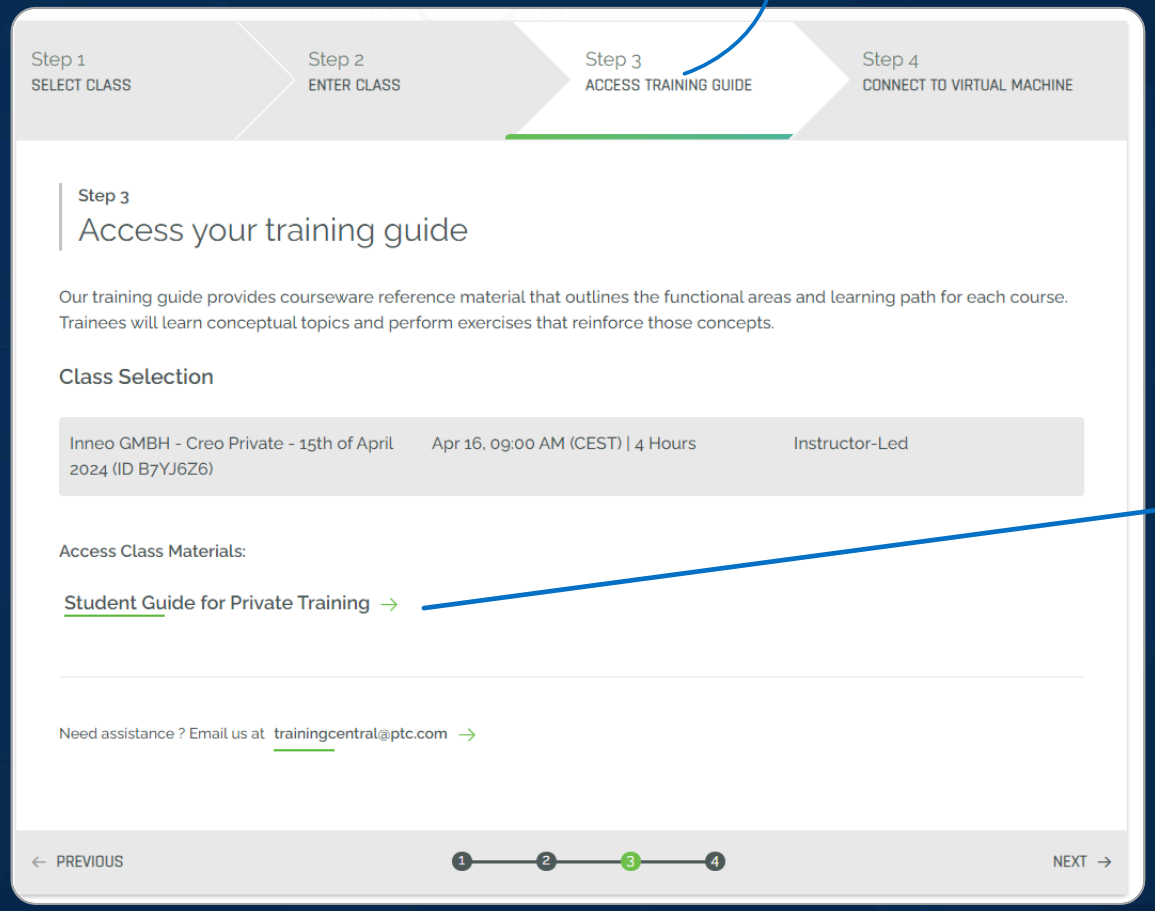
Step 1: Select class



Link from email:
https://class.ptcu.com/

Here you can see the training that is taking place. For trainings lasting several days, please select the corresponding date.

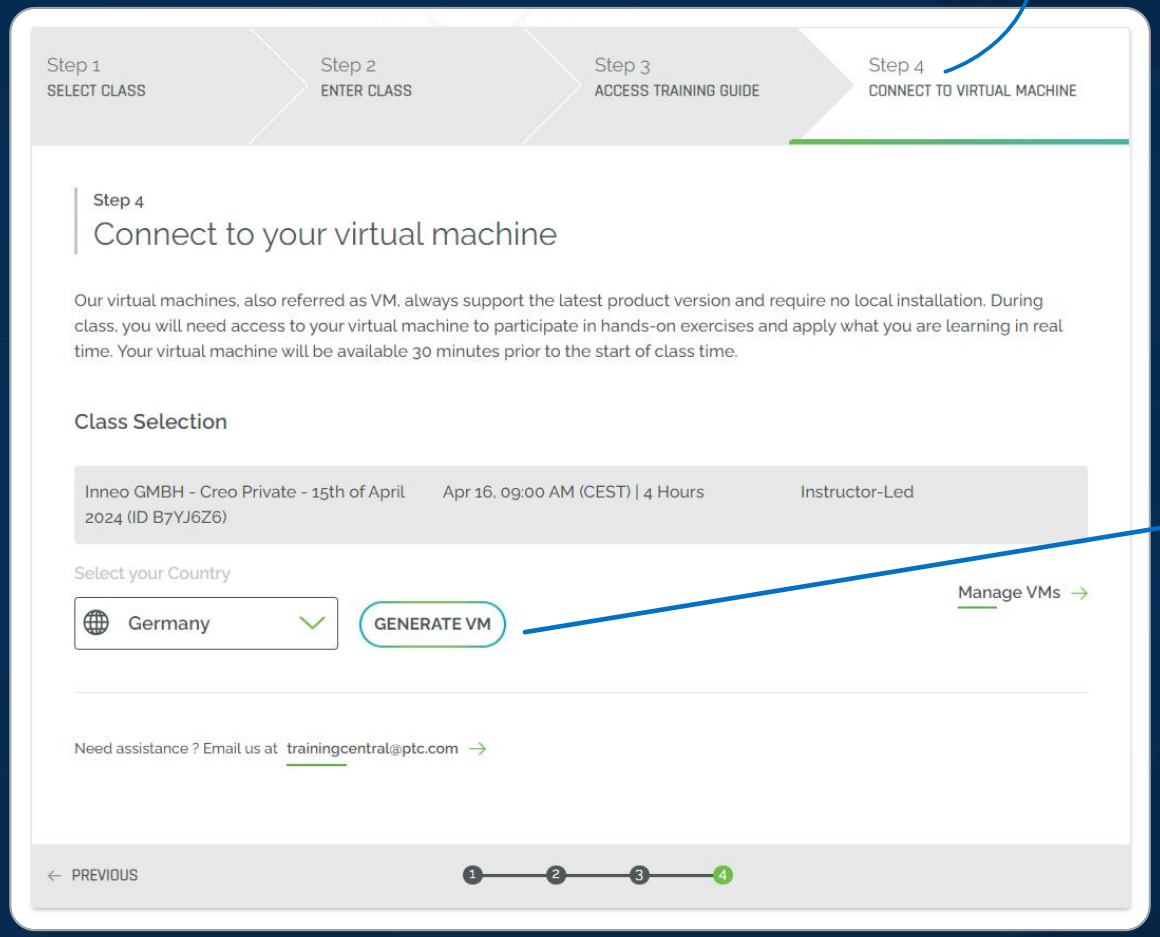
Step 3: Access Training Guide



Link from email:
https://class.ptcu.com/

You can access your training documents here.

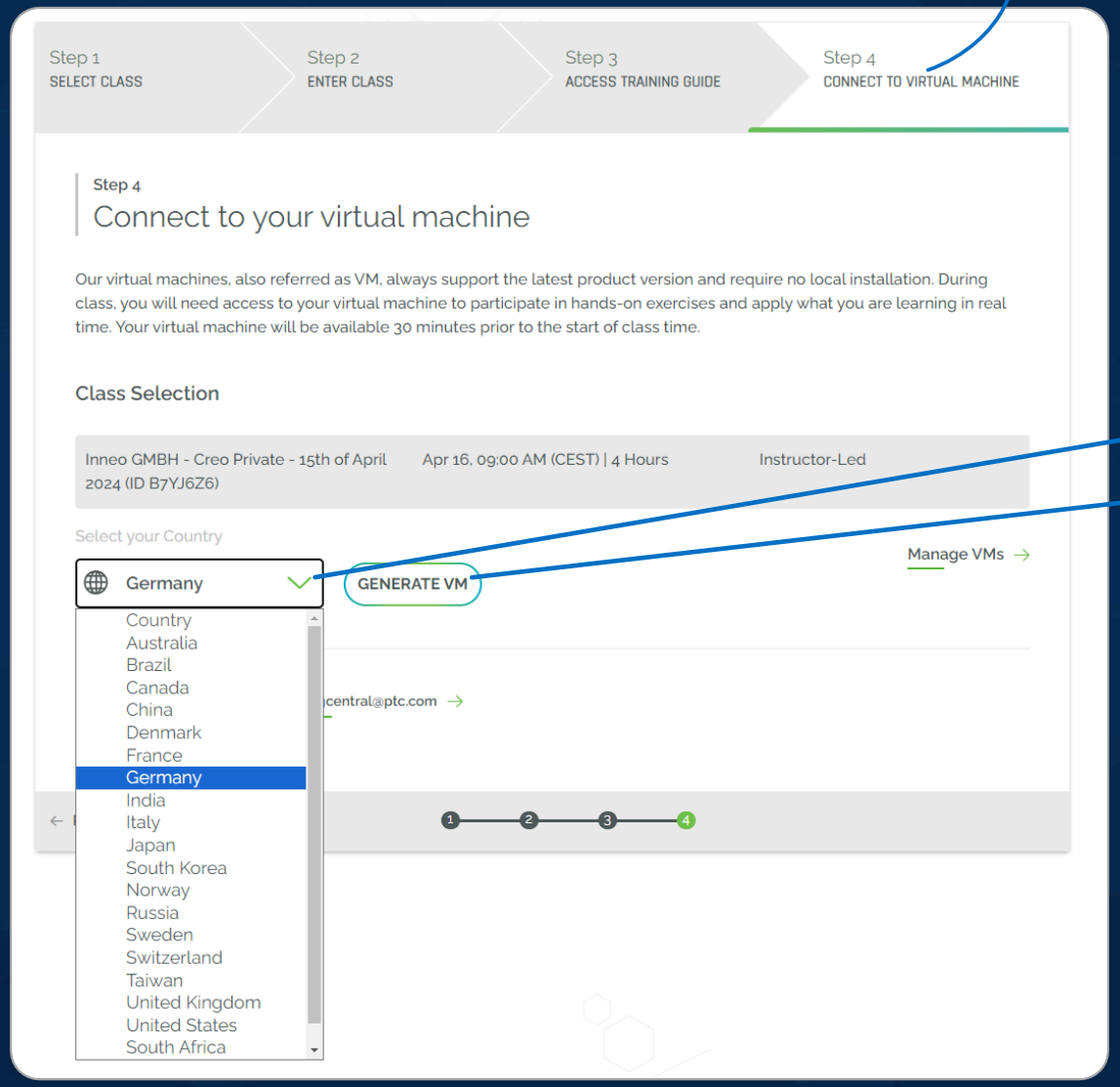
Step 4: connect to virutal machine



Link from email:
https://class.ptcu.com/

Here you define the settings of the virtual machine. Instructions on the next two slides.

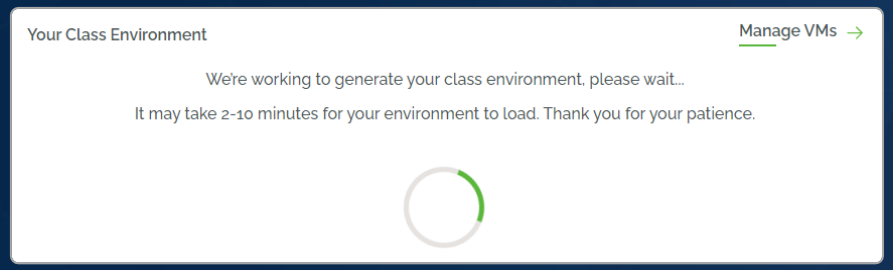
Step 4: connect to virtual machine

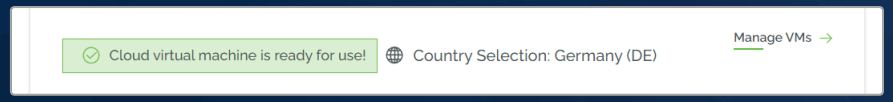


Link from email:
https://class.ptcu.com/

Please select your country.

click "Generate VM"





Step 4

Connect to your virtual machine

Our virtual machines, also referred as VM, always support the latest product version and require no local installation. During class, you will need access to your virtual machine to participate in hands-on exercises and apply what you are learning in real time. Your virtual machine will be available 30 minutes prior to the start of class time.

Class Selection

Inneo GMBH - Creo Private - 15th of April 2024 (ID B7YJ6Z6)	Apr 16, 09:00 AM (CEST) | 4 Hours	Instructor-Led

Manage VMs →

Cloud virtual machine is ready for use! Country Selection: Germany (DE)

Please open VM or copy and paste the below URL into a web browser. We recommend the latest version of Google Chrome or Mozilla Firefox to be used. Once connected, launch your PTC Product.

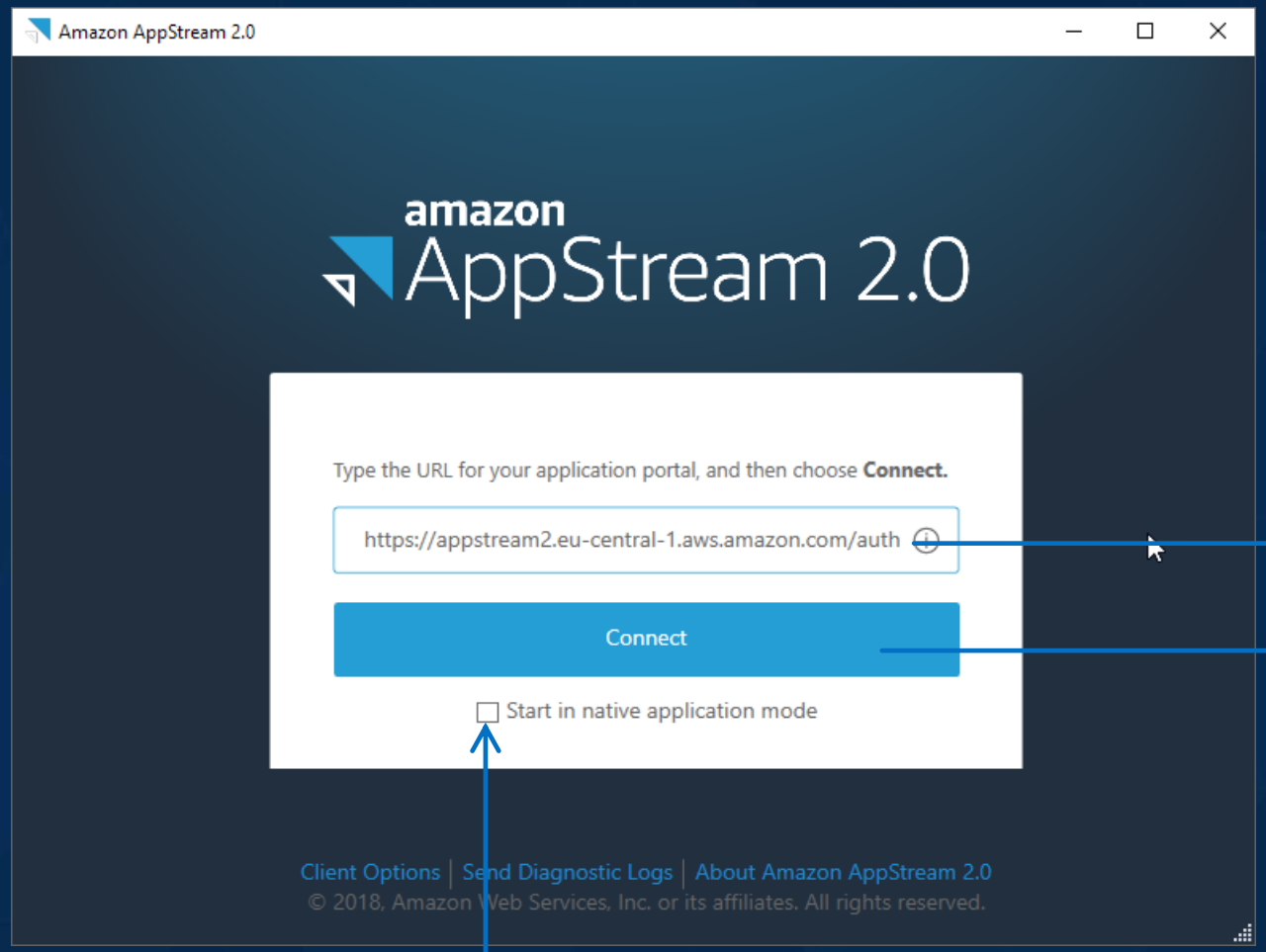
https://appstream2.eu-central-1.aws.amazon.com/authenticate?param... OPEN VM

Need assistance ? Email us at trainingcentral@ptc.com →

Link from email:
https://class.ptcu.com/

copy link for Amazon AppStream.

without Amazon AppStream: open link via browser.



Insert the link

connect

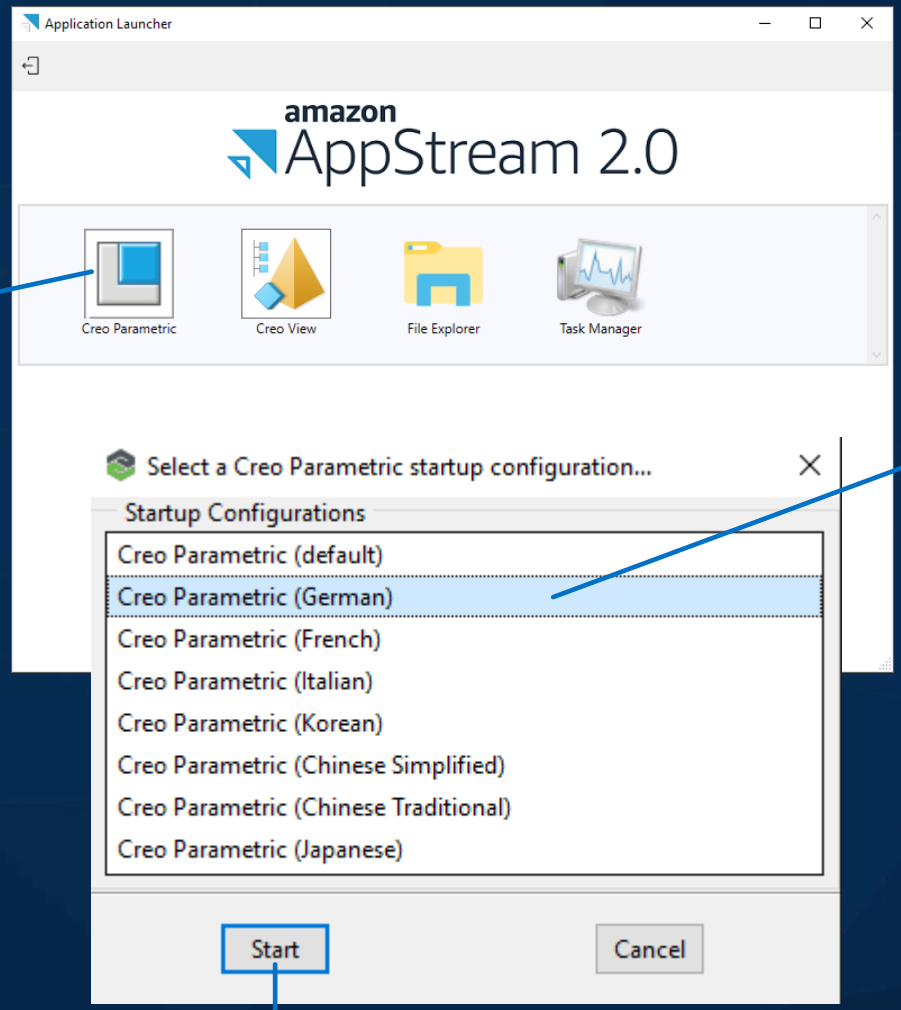
Do NOT activate

Which training do you join?

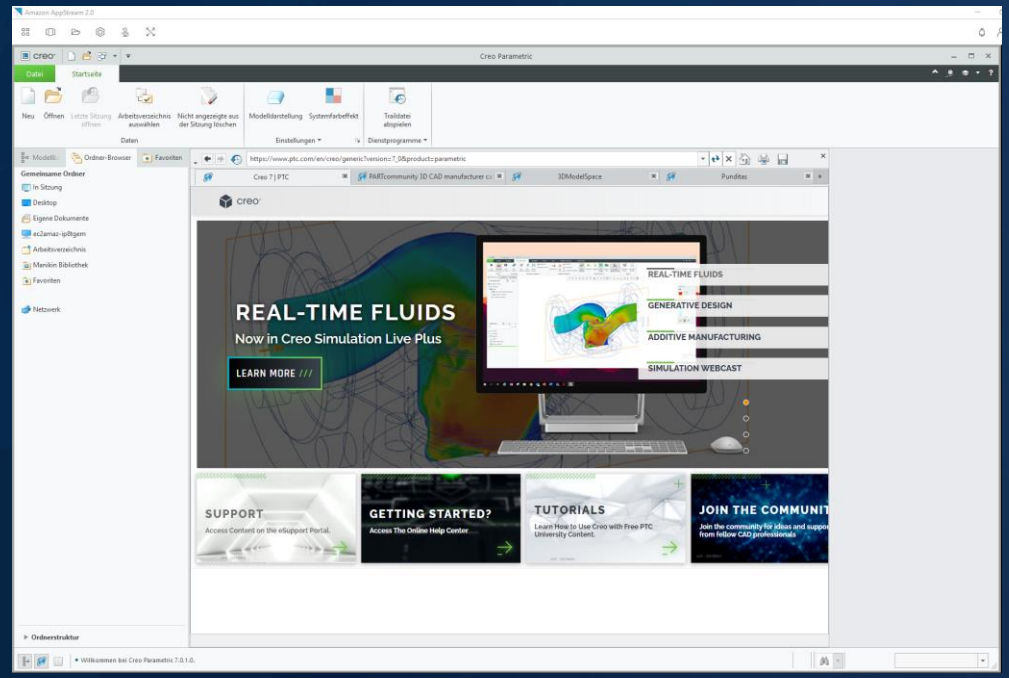
- Creo Parametric *click here*
- PLM Windchill *click here*
- ThingWorx *click here*

Creo Parametric

Select creo Parametric



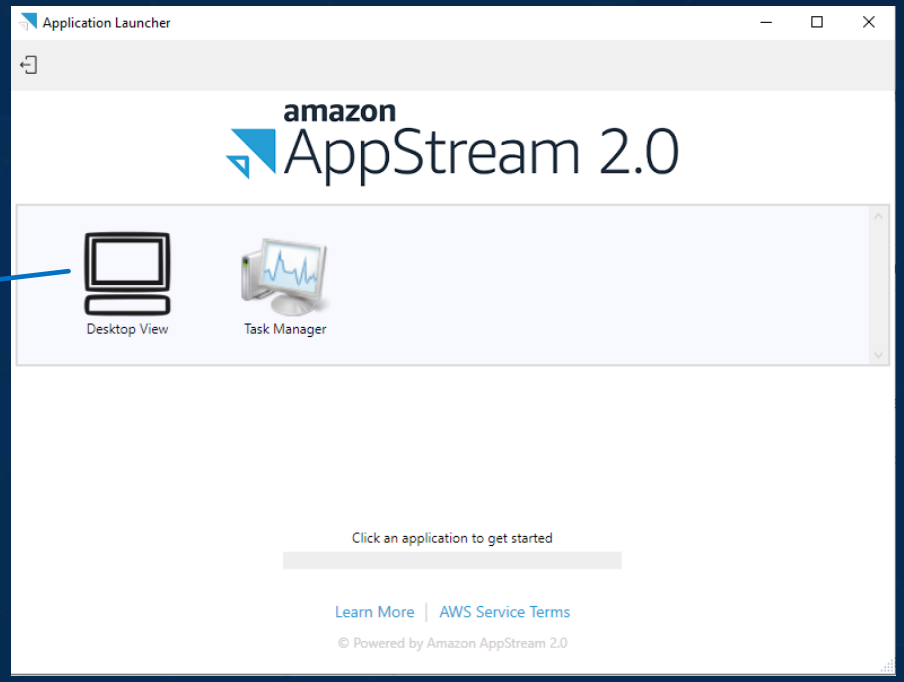
Select language

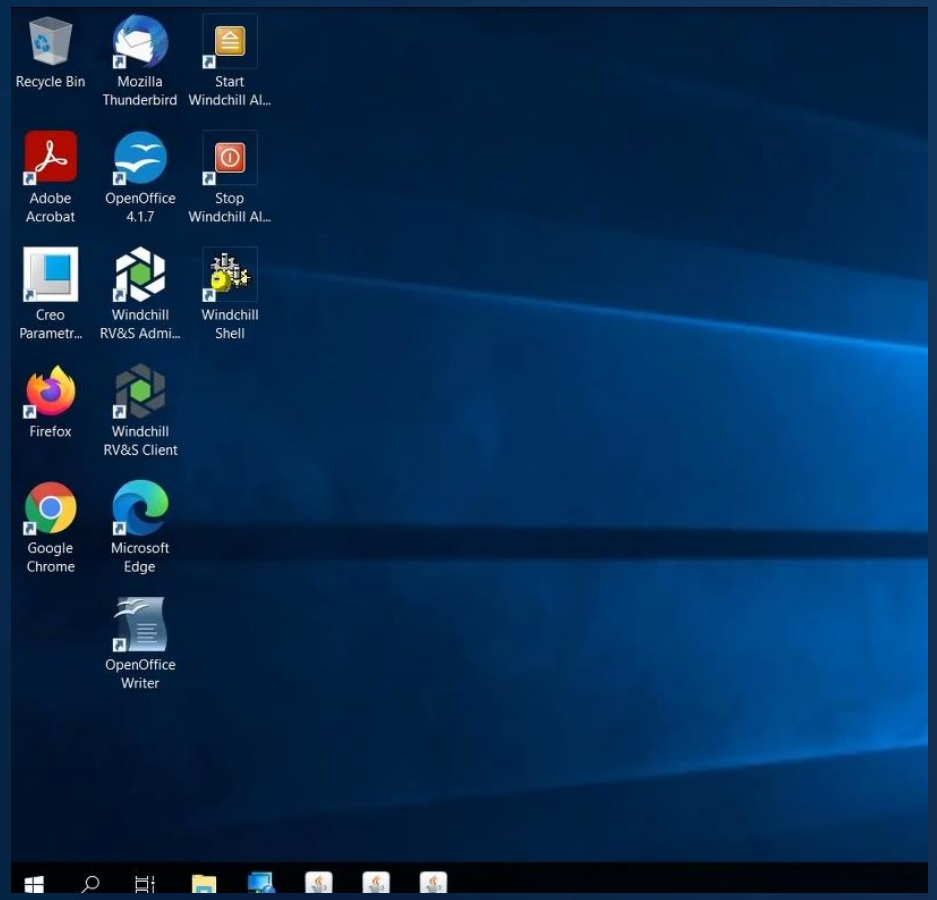


Start creo Parametric

PLM Windchill

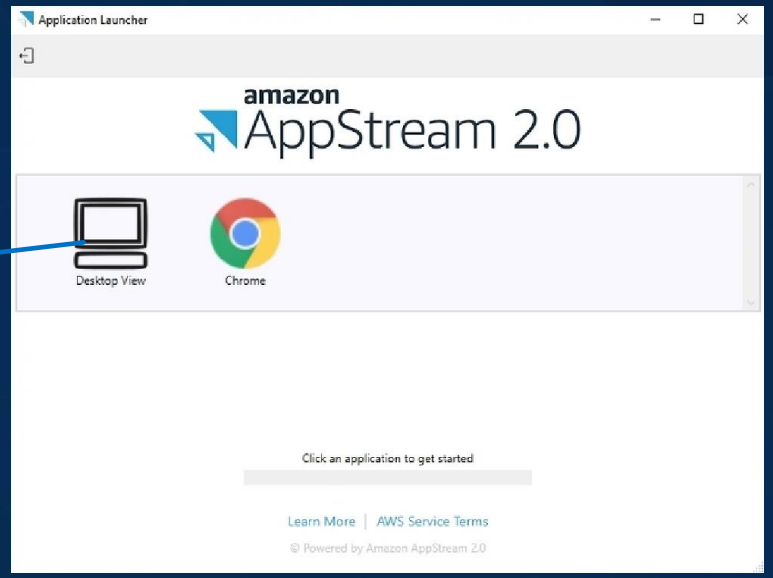
Select Desktop View

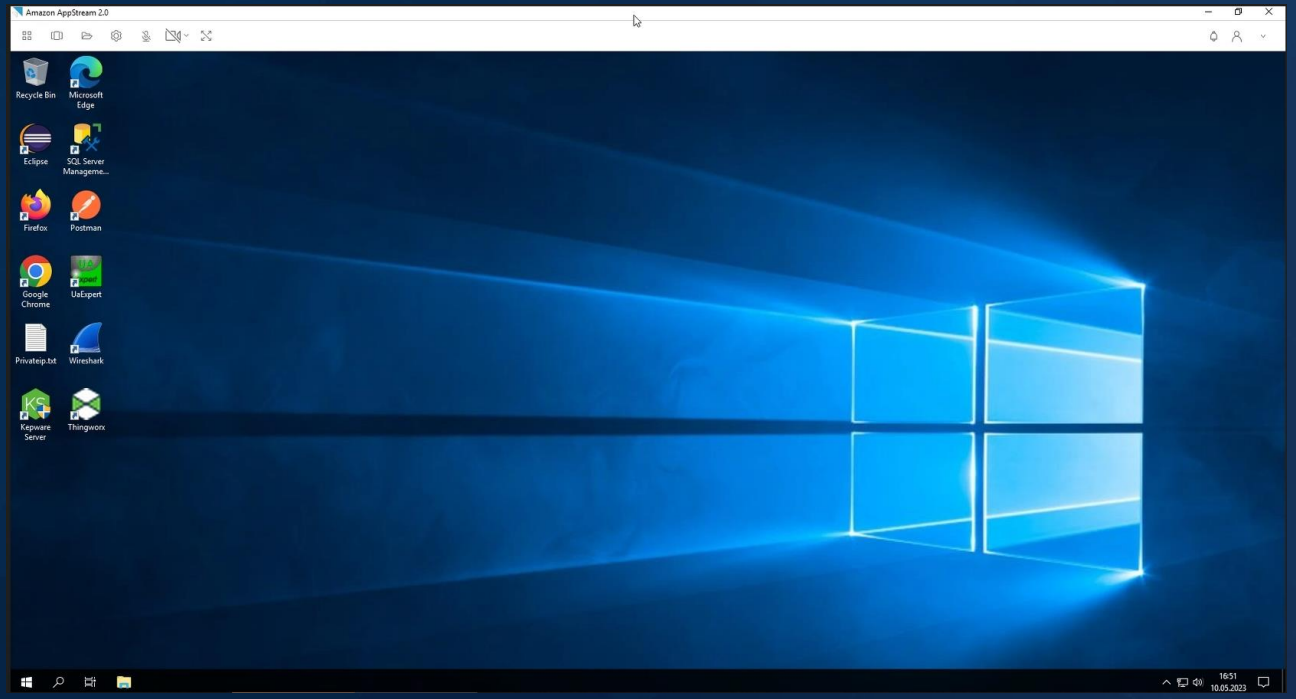




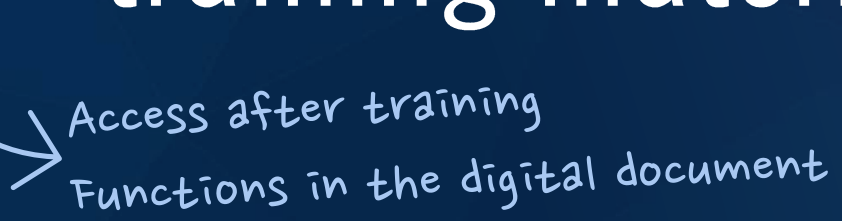
ThingWorx

Select Desktop View





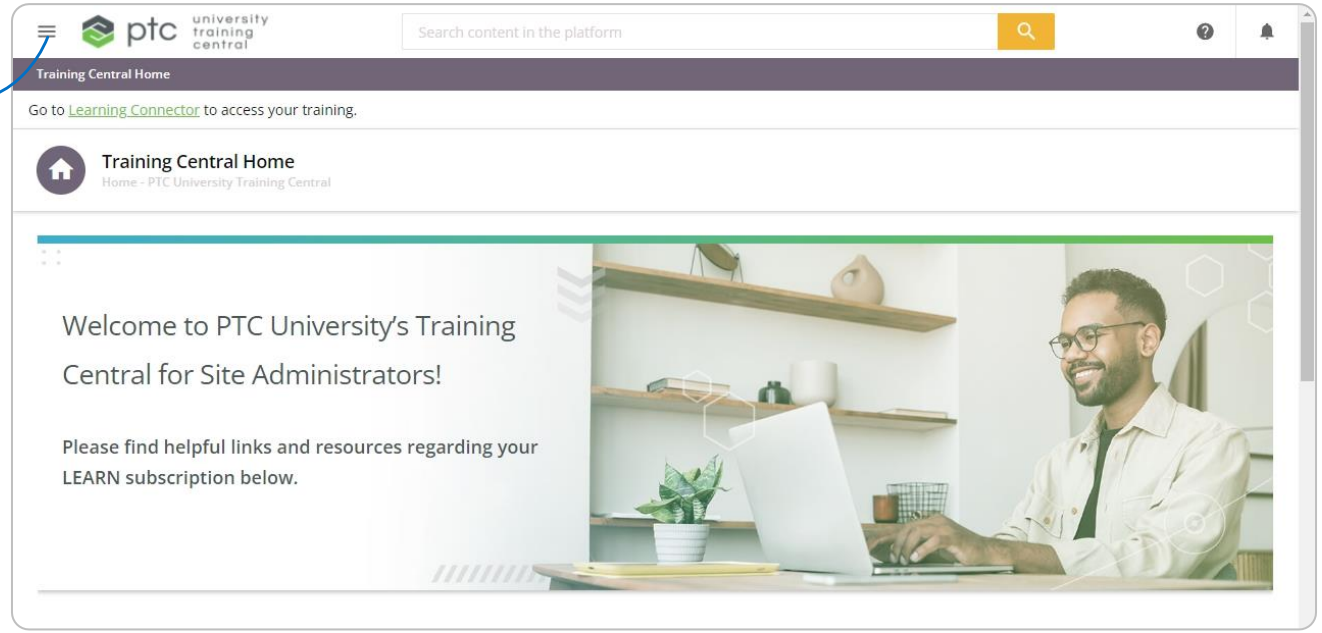
After the training - training materials



Access after Training

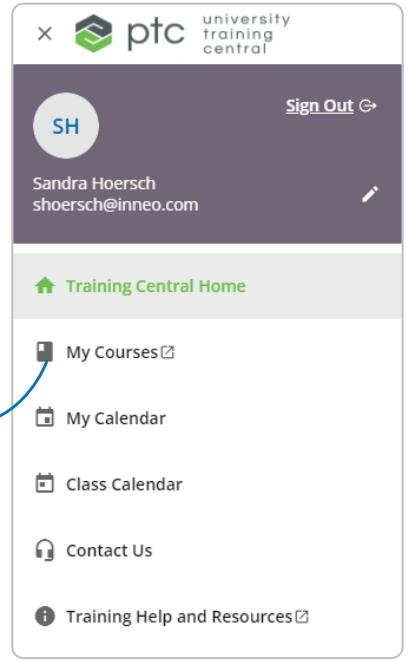
Training Central is PTC's **L**earning **M**anagement **S**ystem. Here you can find all completed and future ATP trainings.

select the menu

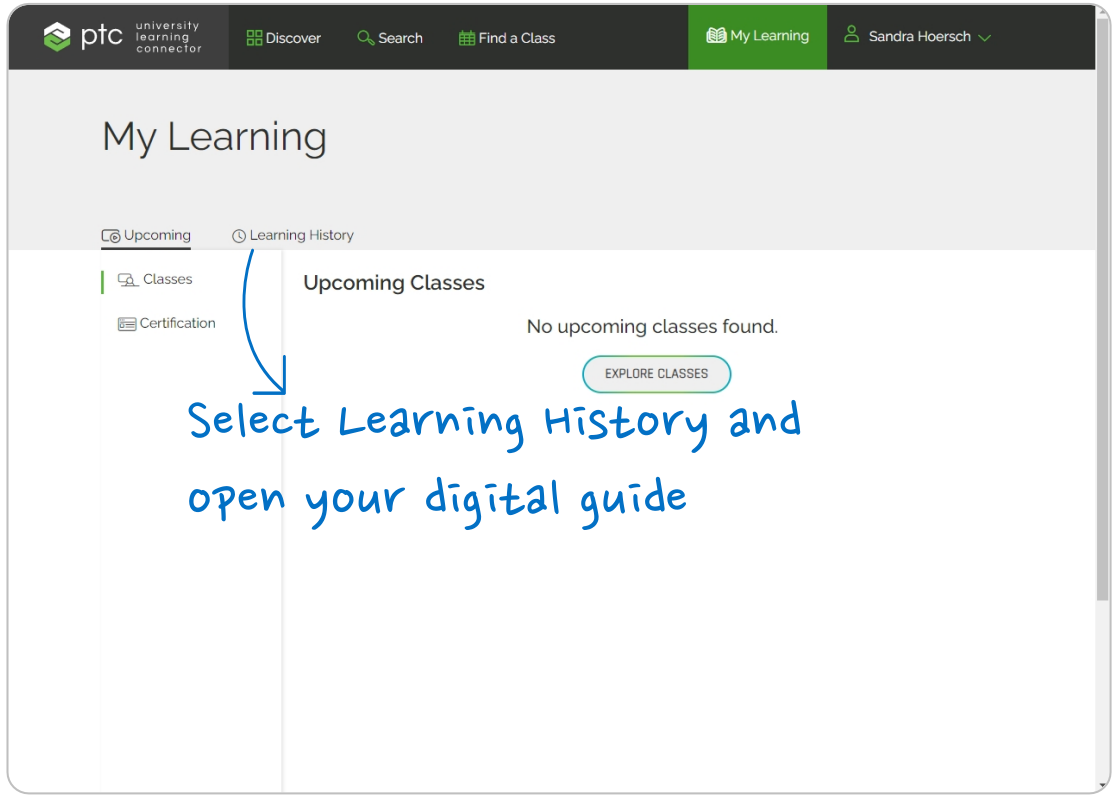


Link to LMS: https://trainingcentral.ptcu.com/pages/22/training-central-home

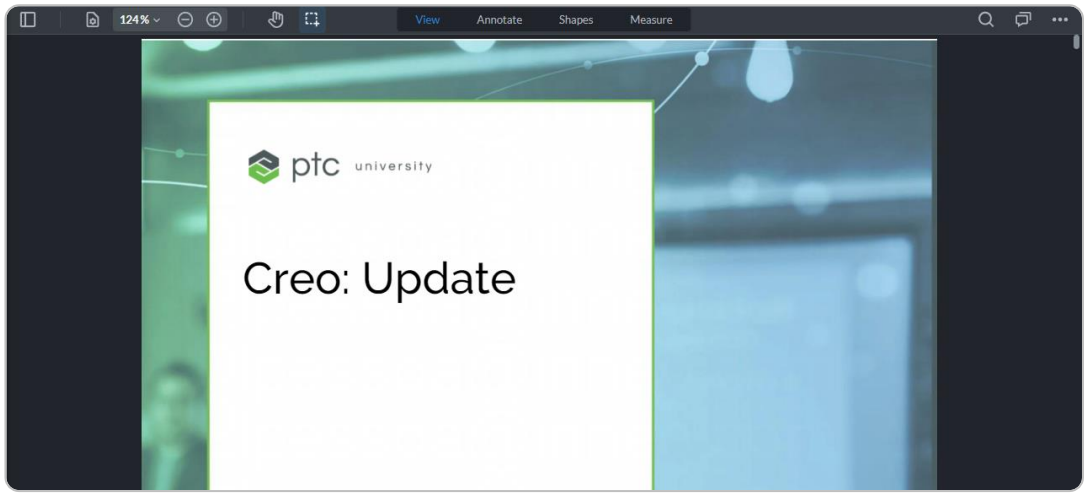
Select My courses



Access after Training

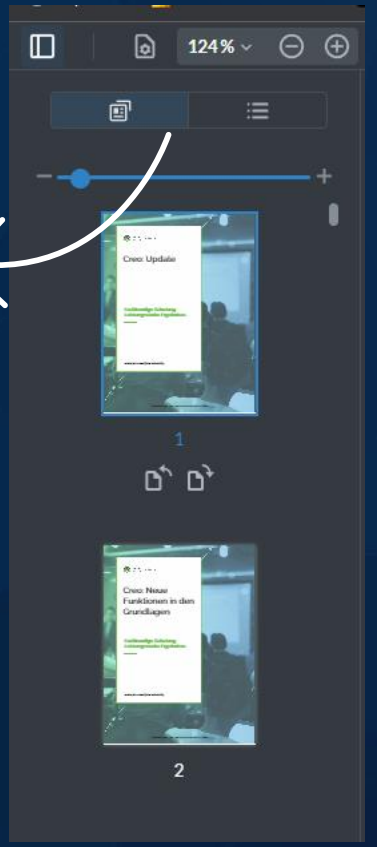


Link to LMS:
https://trainingcentral.ptcu.com/pages/22/training-central-home

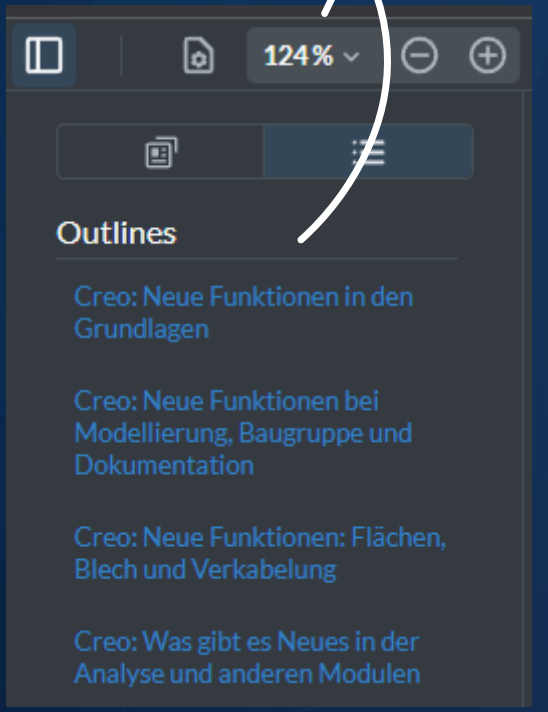


Functions in the digital document

Here you can switch between the view and the modules.

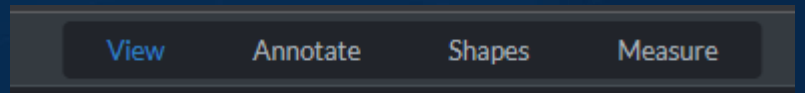


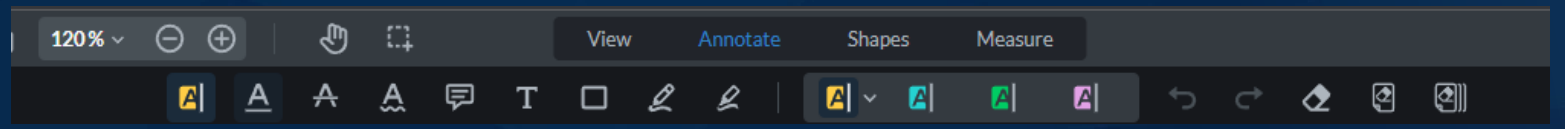
Each training course is made up of modules.

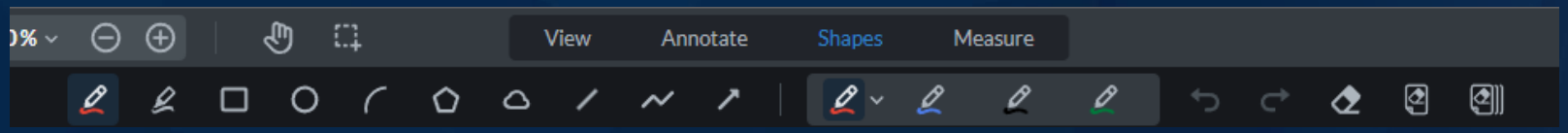


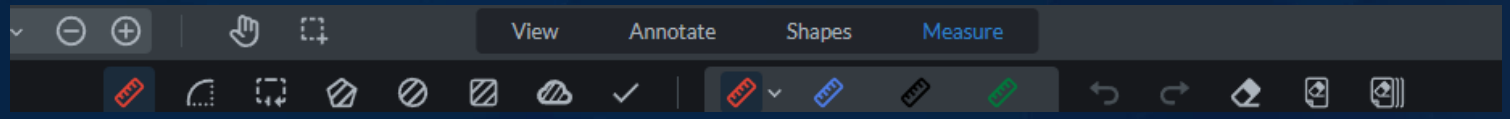
Functions in the digital document

You can highlight and add notes in the training materials.
On the following pages you can see the different functions.

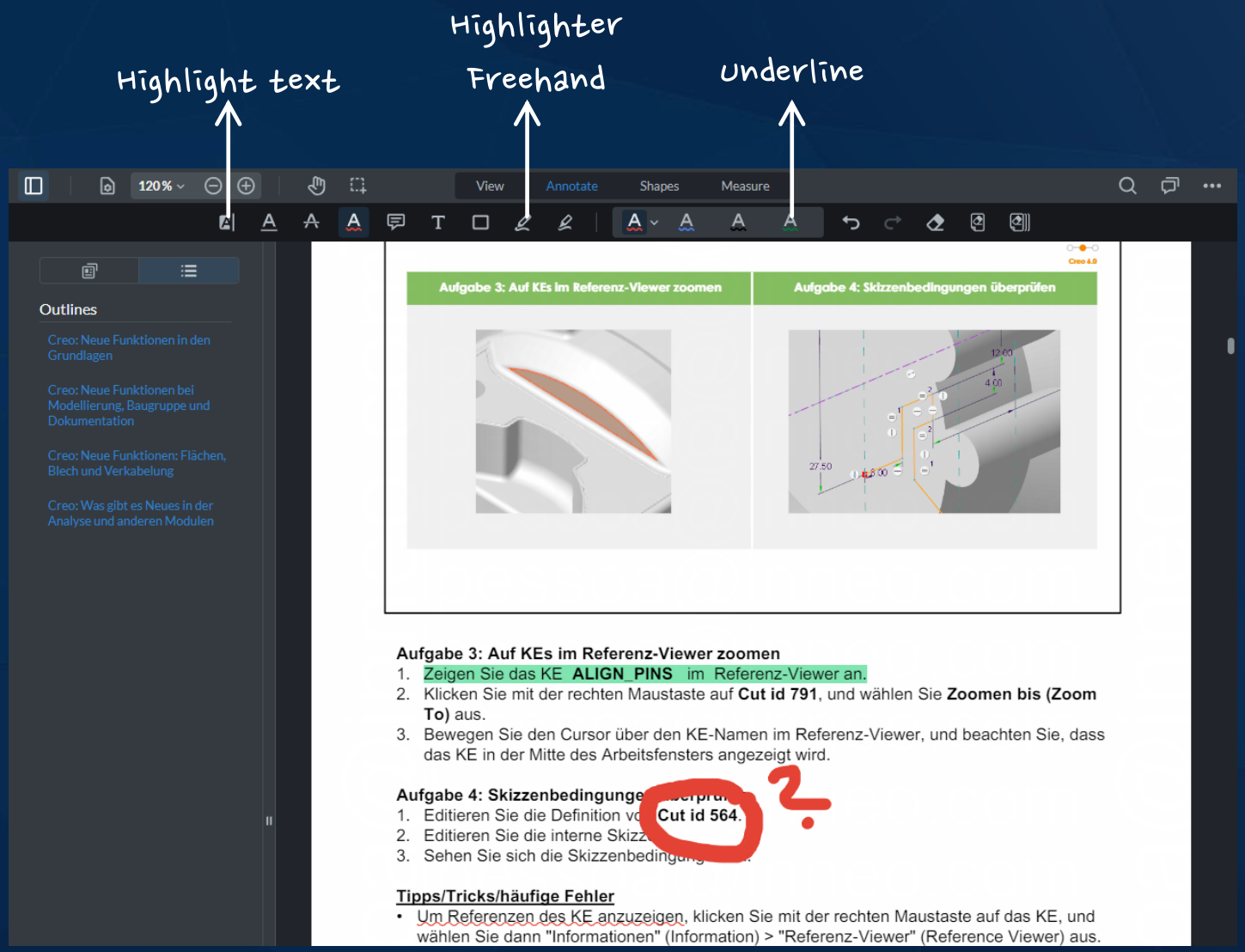






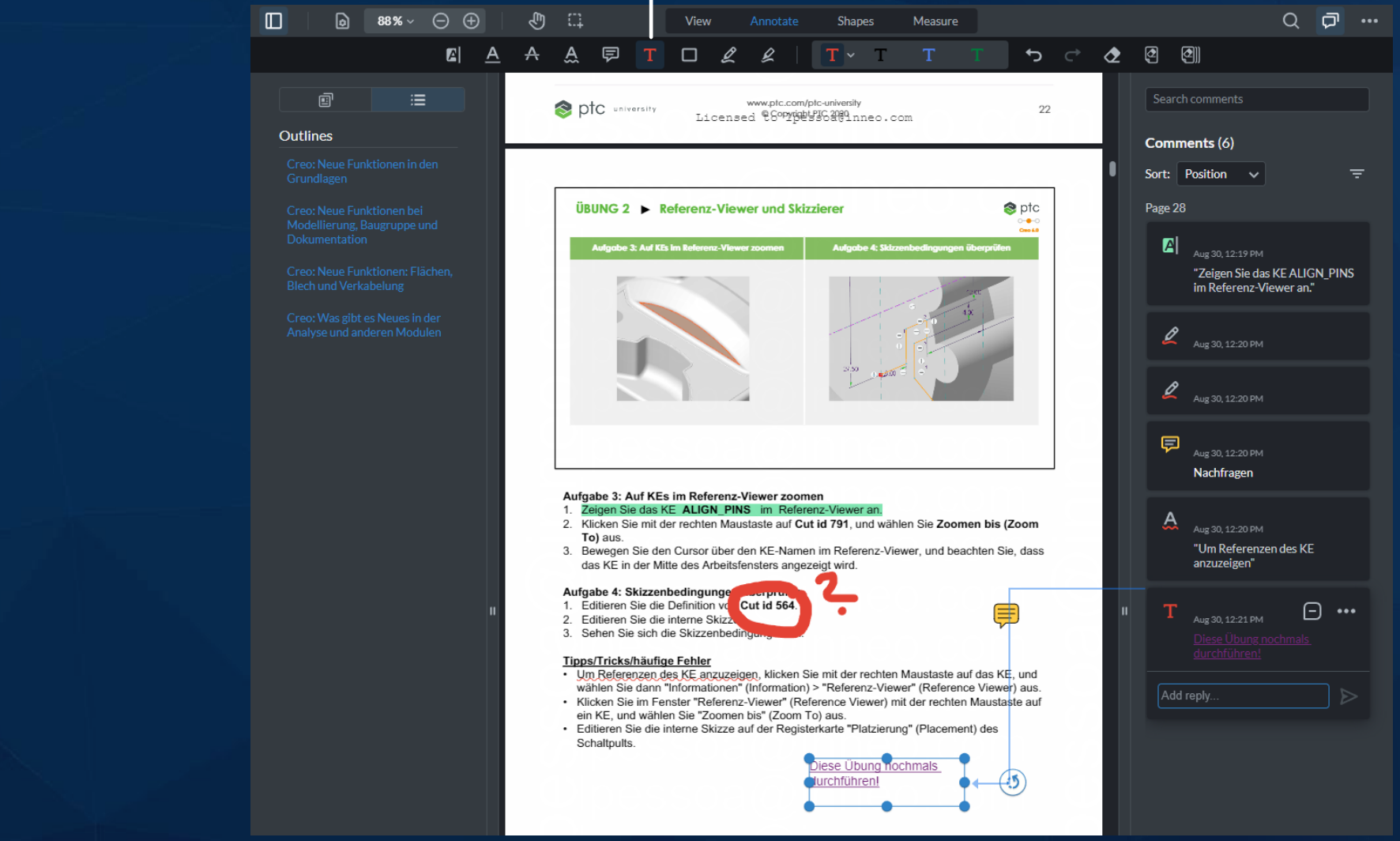


Functions in the digital document

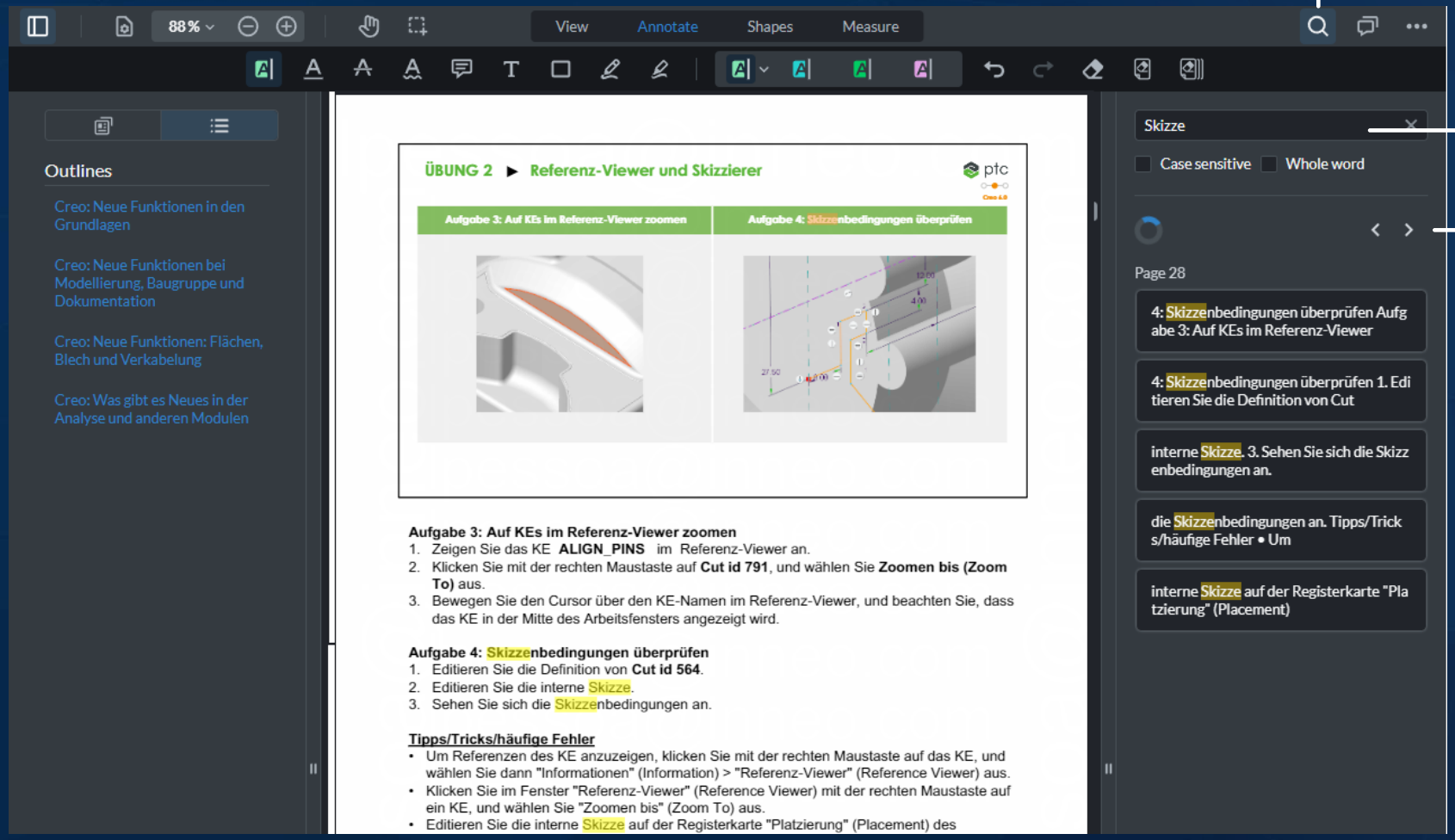


Functions in the digital document

create notes



Functions in the digital document



Enjoy your Training!

If you have any questions, please contact
training-admin@inneo.com