Preparation guide

Necessary preparations for your participation in training







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 Installation Amazon AppStream 2.0

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.

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

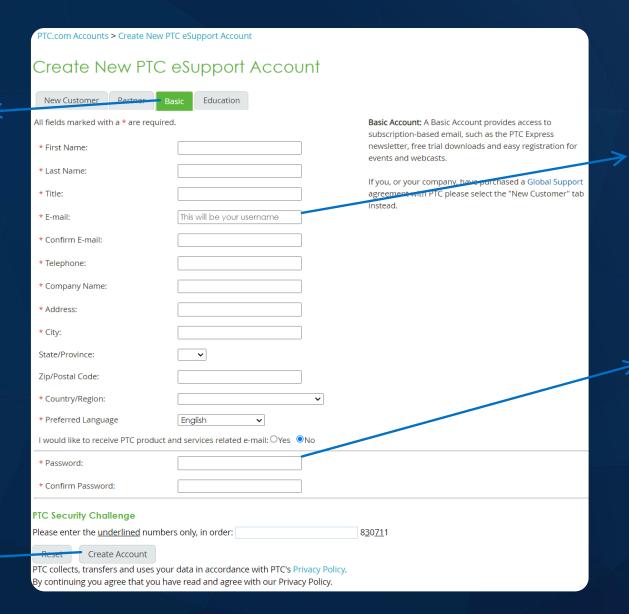
No PTC account available?

Create an account - see next page.

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

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

click to create account

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: <u>Setup Amazon AppStram 2.0</u>

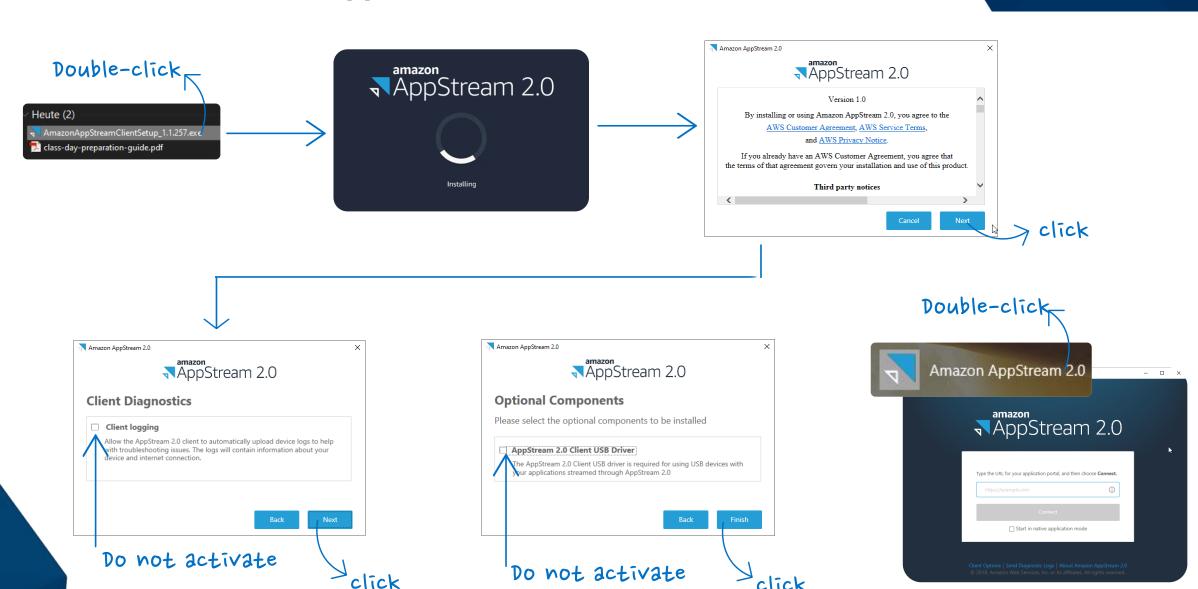




Browser access
is possible

Installation Amazon AppStream 2.0





Check system requirements



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









IP Address and Port Requirements for AppStream 2.0 User Devices

DF RSS

AppStream 2.0 users' devices require outbound access on port 445 (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.



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 2 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



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

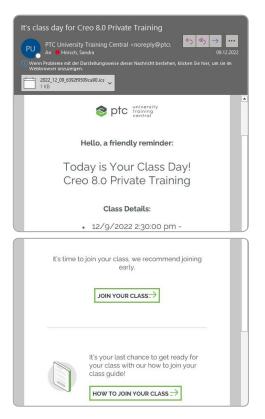
Starting the virtual computer (Amazon AppStream 2.0)

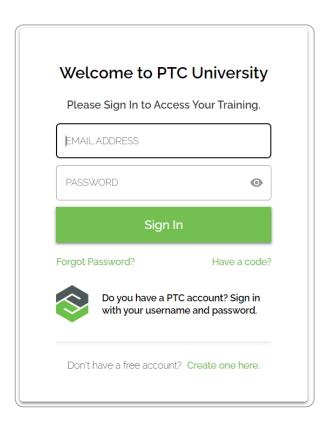


On the **first day of the training** in the morning (or the evening before) you will receive this email.

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.





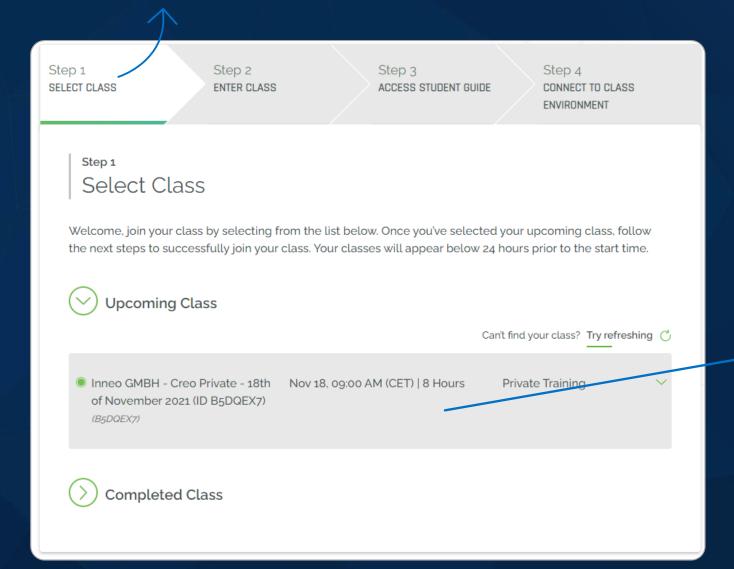
Log in to your **PTC account** at https://class.ptcu.com

Step 1: Select class





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



Step 3: Access student guide



Step 1 SELECT CLASS Step 2 ENTER CLASS Step 3 ACCESS STUDENT GUIDE

Step 4 CONNECT TO CLASS **ENVIRONMENT**

Step 3

Access Your Student Guide

Our Student Guide provides courseware reference material that outlines the functional areas and student learning path for each course. Students will learn both conceptual topics as well as perform exercises that reinforce those concepts.

Class Selection:

Inneo GMBH - Creo Private - 18th of Nov 18, 09:00 AM (CET) | 8 Hours November 2021 (ID B5DQEX7)

Private Training

Access Class Materials:

Student Guide for Private Training

If you are experiencing issues accessing your student guide, please inform your instructor at the start of class or email trainingcentral@ptc.com for assistance.

Need additional assistance? Visit our Training Support page.

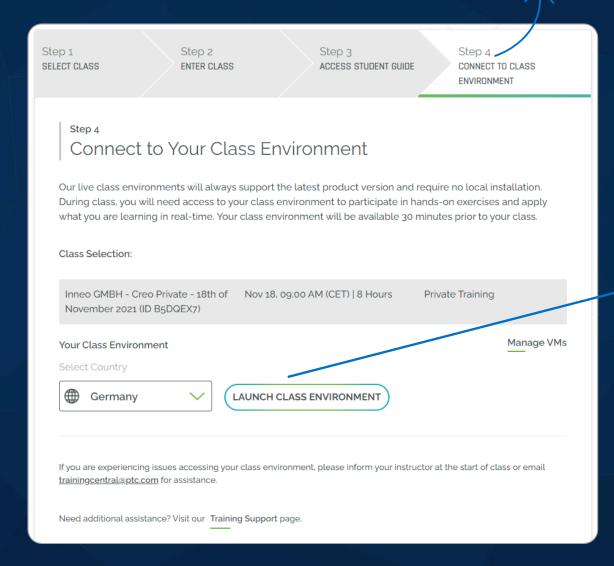


You can access your training documents here.







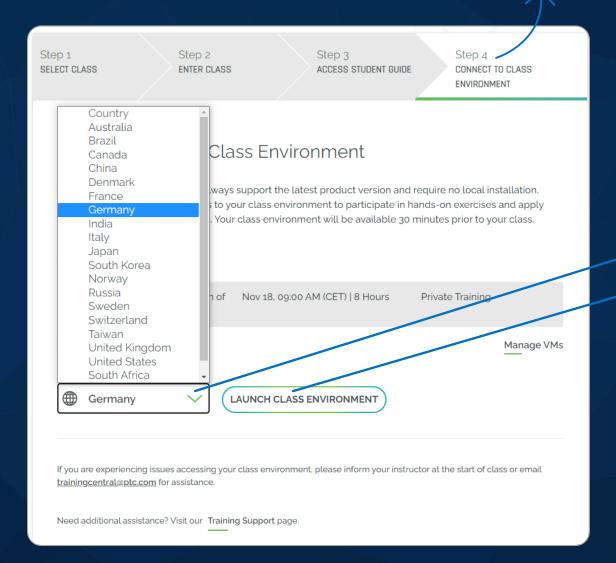




Here you define the settings of the virtual machine. Instructions on the next two slides.

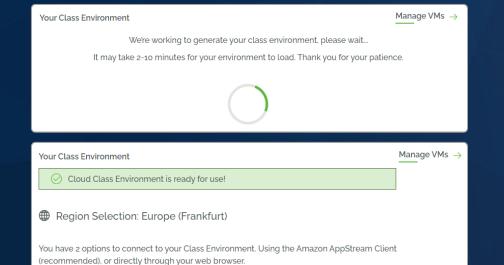




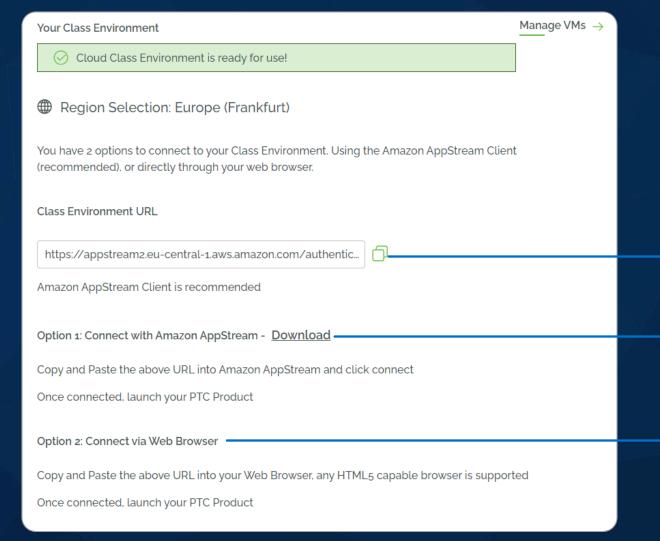




- > Please select your country.
- > click "Launch class environment"





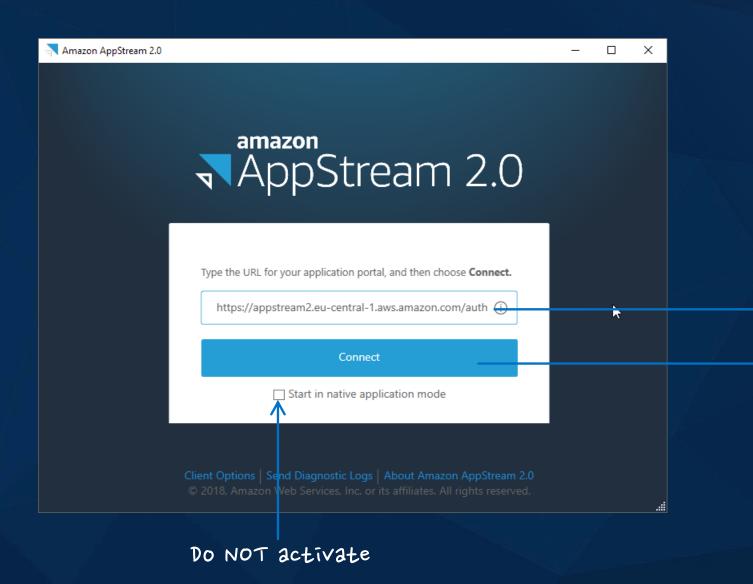




copy link for Amazon AppStream.

If Amazon AppStream has not yet been installed.

If you could not install Amazon
AppStream:Description for access
via browser.





> Insert the link

connect

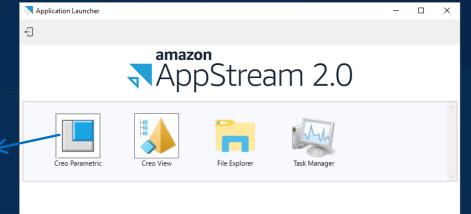
Which training do you join?

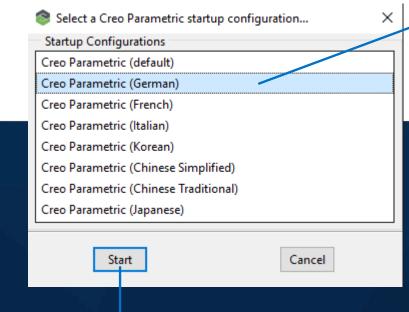
- Creo Parametric click here
- PLM Windchill click here
- ThingWorx click here

Creo Parametric



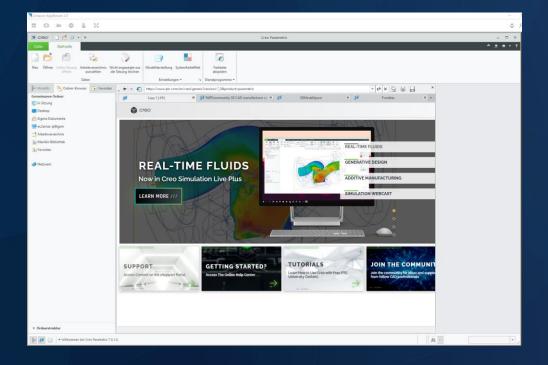






Start creo Parametric

Select language



PLM Windchill



Application Launcher

Application Launcher

Application Launcher

Application 2.0

Select Desktop

View

Click an application to get started

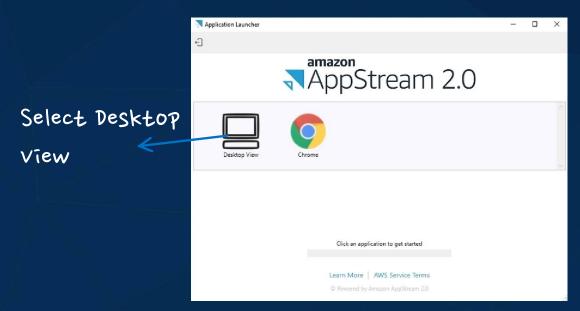
Learn More | AWS Service Terms

Powered by Amazon AppStream 2.0



ThingWorx









After the training - training materials

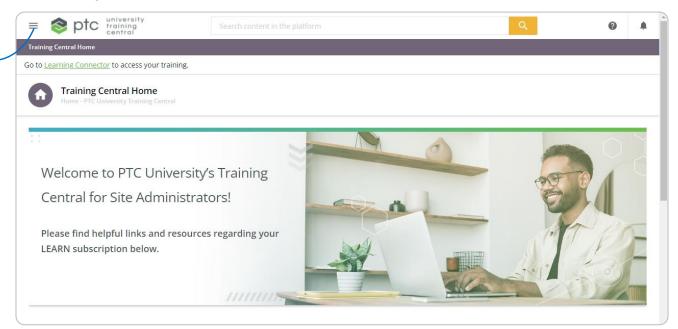
Access after training



INNE®
That's IT.

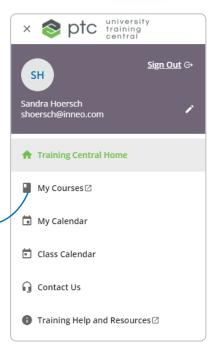
Training Central is PTC's **L**earning **M**anagement **S**ystem. Here you can find all completed and future ATP trainings.

Select the menu



Link to LMS:

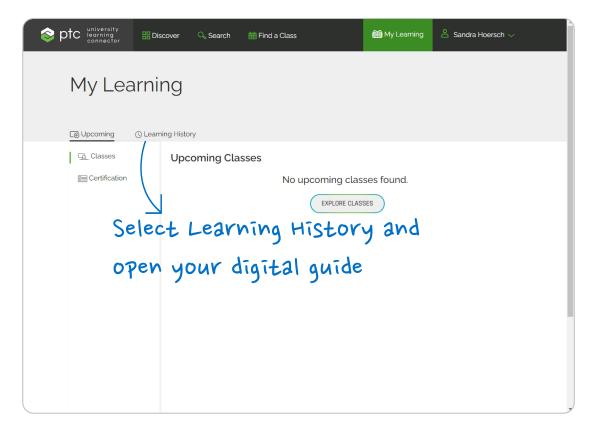
https://trainingcentral.ptc
u.com/pages/22/trainingcentral-home



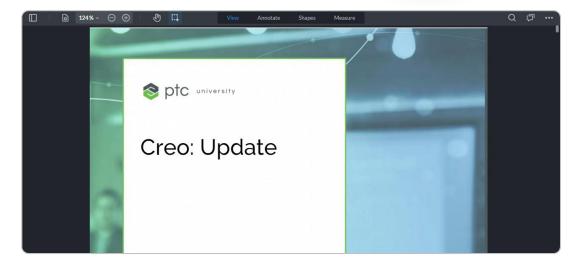
Select My courses <







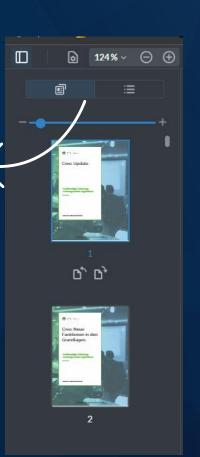








Here you can switch between the view and the modules.



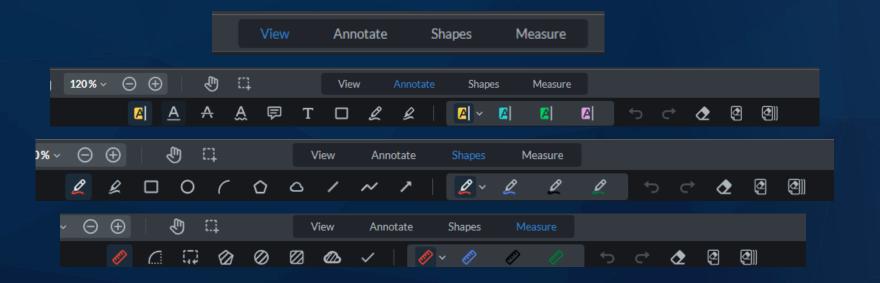
Each training course is made up of modules.



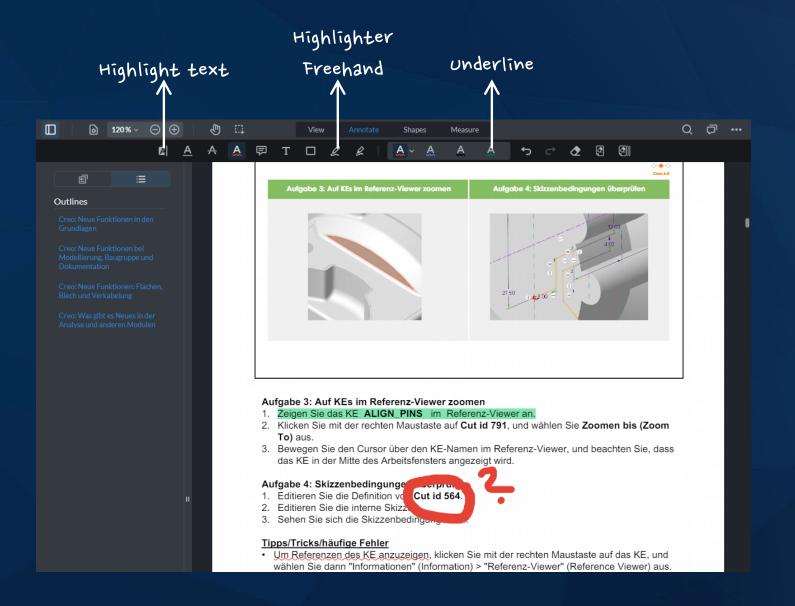


You can highlight and add notes in the training materials. On the following pages you can see the different functions.



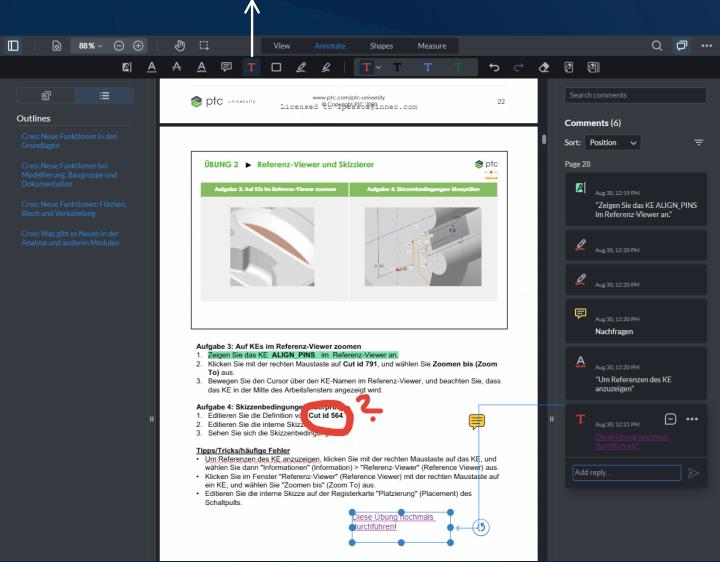




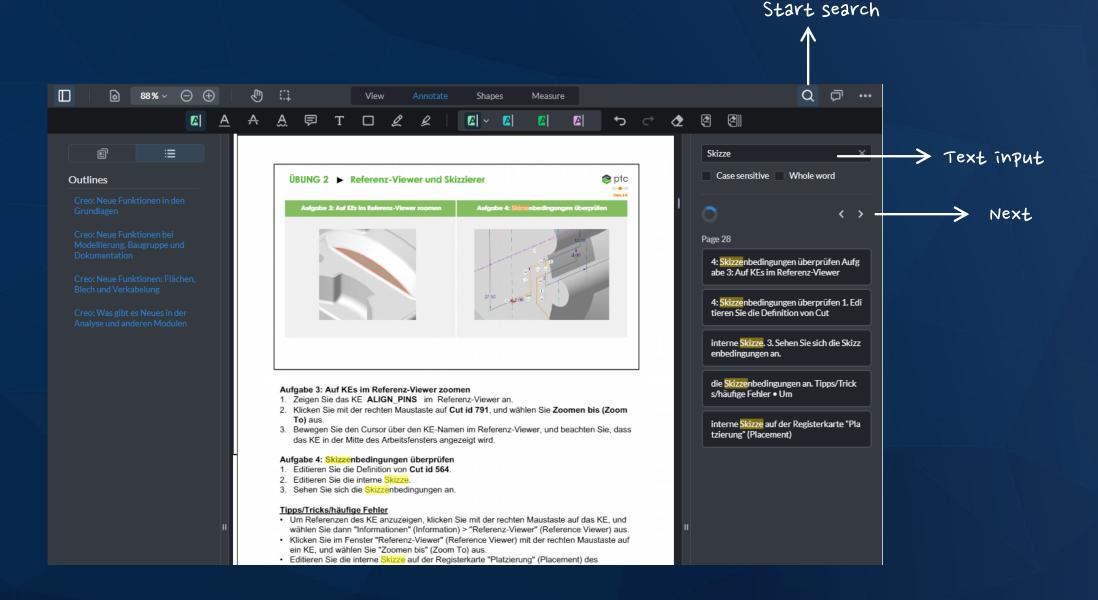














Enjoy your Training!

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