

2020



19. Nationaler Akademietag
in Deutschland

Werkzeuge für virtuelles Lernen mit der Cisco Networking Academy

Carsten Johnson
April 2020



Agenda

- Remote Learning
- NetAcad for Remote Learning
- Inside NetAcad
- Secure Assessments
- Tips & Tricks
- Questions?

NetAcad for Remote Learning



Verein

Aktuelles

Aktivitäten

Akademietage

Service



IT-BILDUNGSNETZ

Startseite

<https://www.it-bildungsnetz.de/webex-for-free.html>

Webex for free

Achtung: Nach Beantragung eines Webex-Accounts kann es auf Grund der starken Nachfrage zu Verzögerungen kommen. Es ist ein wenig Geduld vonnöten!

Allgemeine Informationen

Virtuelle Kommunikation im Kollegium und mit Schülern/innen in Zeiten coronabedingter Schulschließungen

Liebe Instructorinnen, liebe Instruktoren,

die Maßnahmen zur Eindämmung einer Corona-19 Ausbreitung haben nun auch die Schulen und Hochschulen erreicht – nach und nach kündigen die Bundesländer Schließungen an. Das ist verantwortungsbewusst und zu begrüßen.

Wir kennen uns aus mit Webkonferenzen und virtueller Kommunikation. Denn die Cisco Networking Academy ist ein weltweites Programm und es war gelegentlich nicht möglich, an einem Ort zusammen zu

Aktuelles

[Linux Unhatched jetzt auch auf Deutsch! >](#)
Vermittlung grundlegende Linux-Kenntnisse

[Tools for Virtual Learning with Cisco Networking Academy >](#)
Virtual Learning webinars for NetAcad instructors,
Termine: 14. und 16. April 2020 per Webex

[Alle Mitteilungen anzeigen >](#)

Instruktorenschulungen



[Verein](#)[Aktuelles](#)[Aktivitäten](#)[Akademietage](#)[Service](#)

Webex-Online-Einführungen

Das Technical Team von Cisco hat im März 2020 in Online-Konferenzen englischsprachige Einführungen in WebEx präsentiert:

Schools and higher education institutions are facing unprecedented needs to close their physical classrooms, due to circumstances resulting from COVID-19 (coronavirus). Are you wondering how to reach your students remotely and still make a powerful impact? Join us to learn about free Webex so you can stay connected and keep teaching. We're here to keep your classrooms connected, so learning doesn't have to stop. We'll cover how to sign-up, how to use it, and best practices for remote teaching so that you don't lose even one opportunity to brighten the minds of tomorrow.

Webinar - Intro to Webex

[zum Recording](#)

Webinar - Tools for Virtual Classroom

[zum Recording](#)

Webex for free - Registrierung und weitere Informationen

Englischsprachige Informationen:

Resources for School Teachers on Teaching virtually - www.webex.com/webexremoteedu.html

IT Admin Resources - www.webex.com/webexcovid19.html

End User Resources - www.webex.com/webexremotework.html

Adoption Guides & Toolkits - help.webex.com/file/html/DXE/adoption/index

Learning never stops - www.netacad.com/learning-never-stops

Integrationsmöglichkeit in nahezu jedes Learning Management System (z.B. Moodle) - www.youtube.com/watch?v=eWLdrRwtX2U

Webex und Moodle:

Integrationsmöglichkeit in nahezu jedes Learning Management System (z.B. Moodle):

<https://www.youtube.com>

Eine offizielle Anleitung für die Webex-Integration in das Lernmanagementsystem Moodle – sogar auf

Deutsch: help.webex.com/de

Webex-Plugin für Moodle: <https://moodle.org/plugins/>

Deutschsprachige Informationen:

Zur Beantragung eine persönlichen kostenfreien Accounts: www.webex.com/de/index.html

Zentrale Anlaufstelle für Fragen zum Tool: help.webex.com/de-de/

Alles rund um das Thema „Erste Schritte“: help.webex.com/Meetings

Live-Kurse: help.webex.com/landing/onlineclasses

Webex - Lernmaterialien

Agenda

- Cisco Webex
- Demo: Resources
- Webex: How to create a free Webex account
- Webex: Bandwidth
- Demo: How to interact with Webex
- Rick Graziani: Best Practice Teaching Online
- Wrap-up

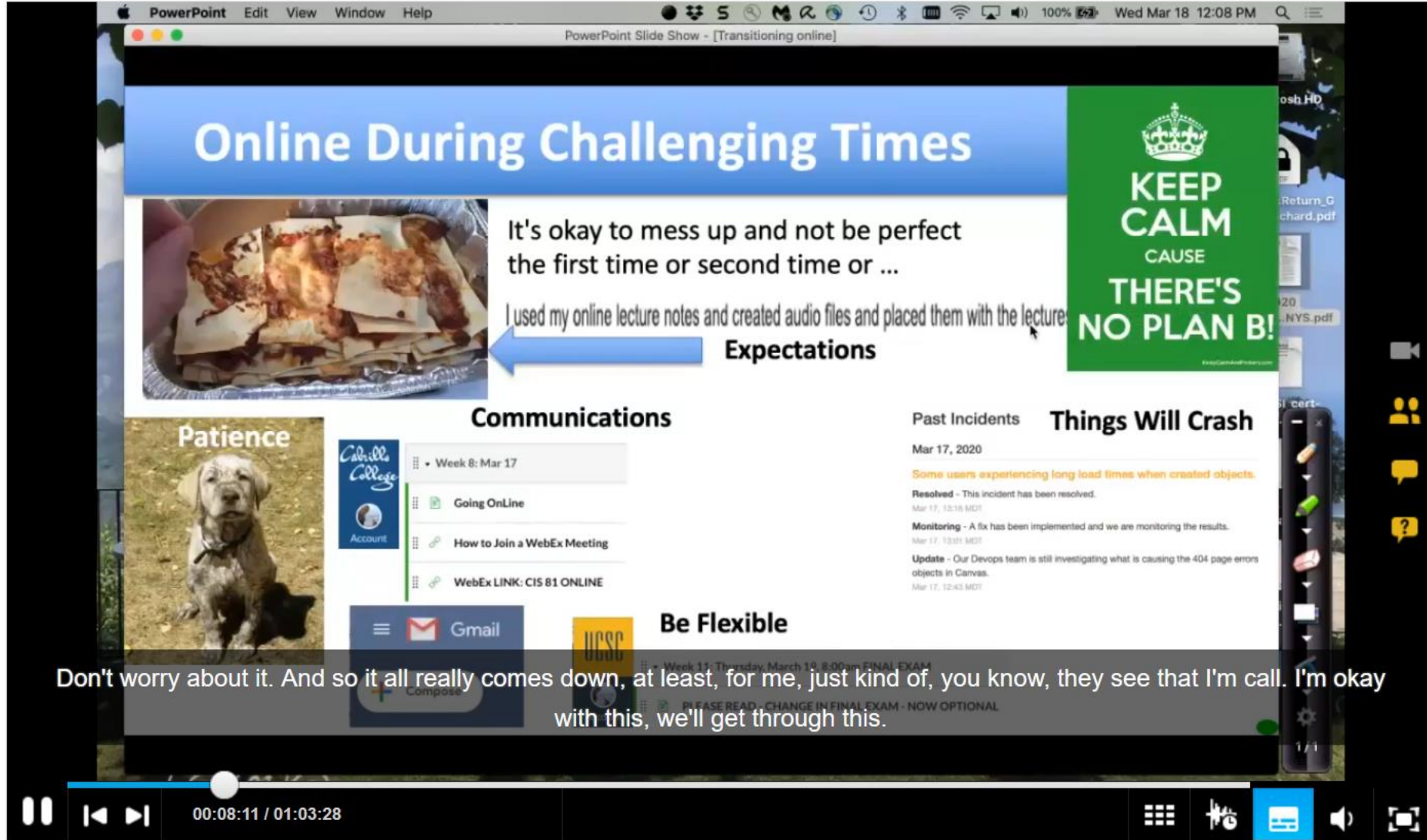
ER

1:59 So you may, or may not right now be having audio issues if you are having audio issues, please make sure that you shut anything else down on your device that might be using bandwidth.

2:12 So, you might have your email on in the background, you might have some video that you didn't know was connected. But if you do have audio issues throughout this, please think about the other things that might be connected there.

2:24 We'll talk about, how do you interact with WebEx? What are some of the different components we'll talk about? Some best practices teaching online and then we'll wrap up the session.

00:02:23 / 01:03:28



Online During Challenging Times

It's okay to mess up and not be perfect the first time or second time or ...

I used my online lecture notes and created audio files and placed them with the lecture

Expectations

Communications

Patience

Be Flexible

Things Will Crash

Past Incidents

Mar 17, 2020

Some users experiencing long load times when created objects.

Resolved - This incident has been resolved.

Mar 17, 12:16 MDT

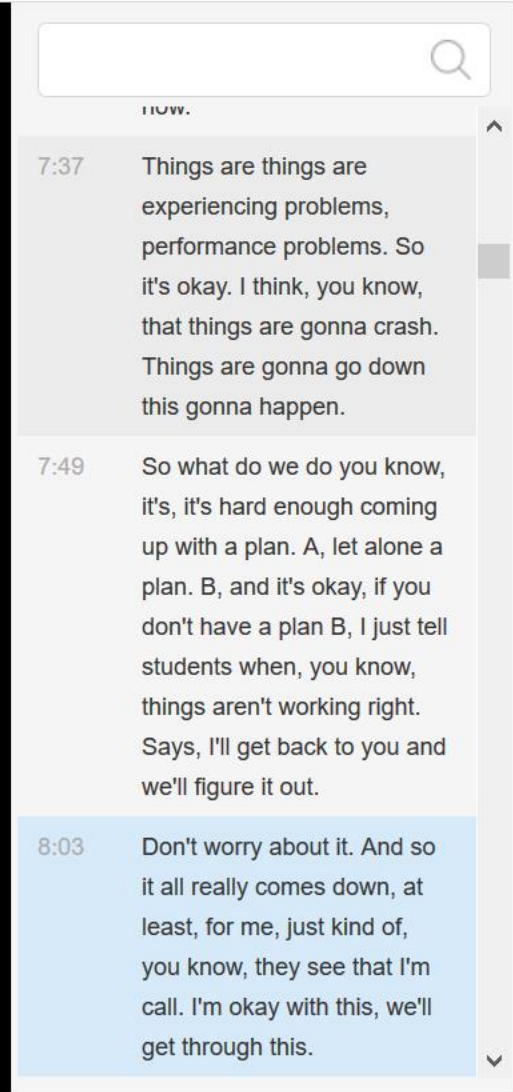
Monitoring - A fix has been implemented and we are monitoring the results.

Mar 17, 12:01 MDT

Update - Our Devops team is still investigating what is causing the 404 page errors objects in Canvas.

Mar 17, 12:43 MDT

Don't worry about it. And so it all really comes down, at least, for me, just kind of, you know, they see that I'm call. I'm okay with this, we'll get through this.



7:37 Things are things are experiencing problems, performance problems. So it's okay. I think, you know, that things are gonna crash. Things are gonna go down this gonna happen.

7:49 So what do we do you know, it's, it's hard enough coming up with a plan. A, let alone a plan. B, and it's okay, if you don't have a plan B, I just tell students when, you know, things aren't working right. Says, I'll get back to you and we'll figure it out.

8:03 Don't worry about it. And so it all really comes down, at least, for me, just kind of, you know, they see that I'm call. I'm okay with this, we'll get through this.

Inside NetAcad

Home

Announcements 

Assignments

Discussions

Grades

People

Pages 

Files 

Syllabus

Outcomes 

Quizzes

Modules

Collaborations

Assessment Center

Chat

Settings

View Progress

+ Module

Module of Exams

✓ + ⋮

Exam
0 pts

✓ ⋮

Module of Tasks

✓ + ⋮

Task

✓ ⋮

Choose Home Page

View Course Stream

Course Setup Checklist

New Announcement

Student View

View Course Analytics

Coming Up

 View Calendar

Nothing for the next week

- Mein NetAcad
- Konto
- Dashboard
- Kurse
- Kalender
- Posteingang 7
- Hilfe

- Start
- Module
- Diskussionen
- Noten
- Aufgaben
- Quizze
- Collaborations
- Ankündigungen
- Seiten
- Personen
- Kursplan
- Dateien
- Lernziele
- Assessment Center
- Einstellungen**

- Kursdetails
- Navigation
- Apps
- Funktionsoptionen**

▶ Lernleistungsziel-Notenbuch	<input checked="" type="checkbox"/>
▶ Lernleistungsziel-Notenbuch für Studenten	<input type="checkbox"/>
▶ Anonyme Lehreranmerkungen	<input type="checkbox"/>
▶ Duplizieren von Kalenderereignissen	Ein
▶ Notenbuch - Studenten nach sortierbarem Namen auflisten	<input checked="" type="checkbox"/>
▶ Dashboard-Bilder für Kurse aktivieren	Ein
▶ Neue Kurs- und Benutzeranalysen	<input type="checkbox"/>
▶ Prüfung des Quiz-Protokolls	<input checked="" type="checkbox"/>
▶ Zusätzliche Sortieroptionen für neues Notenbuch	Ein

6d Studentenansicht

- Kursstatistik
- Kurskalender
- Kursinhalt importieren
- Kursinhalte exportieren
- Links im Content validieren

Derzeitige Benutzer

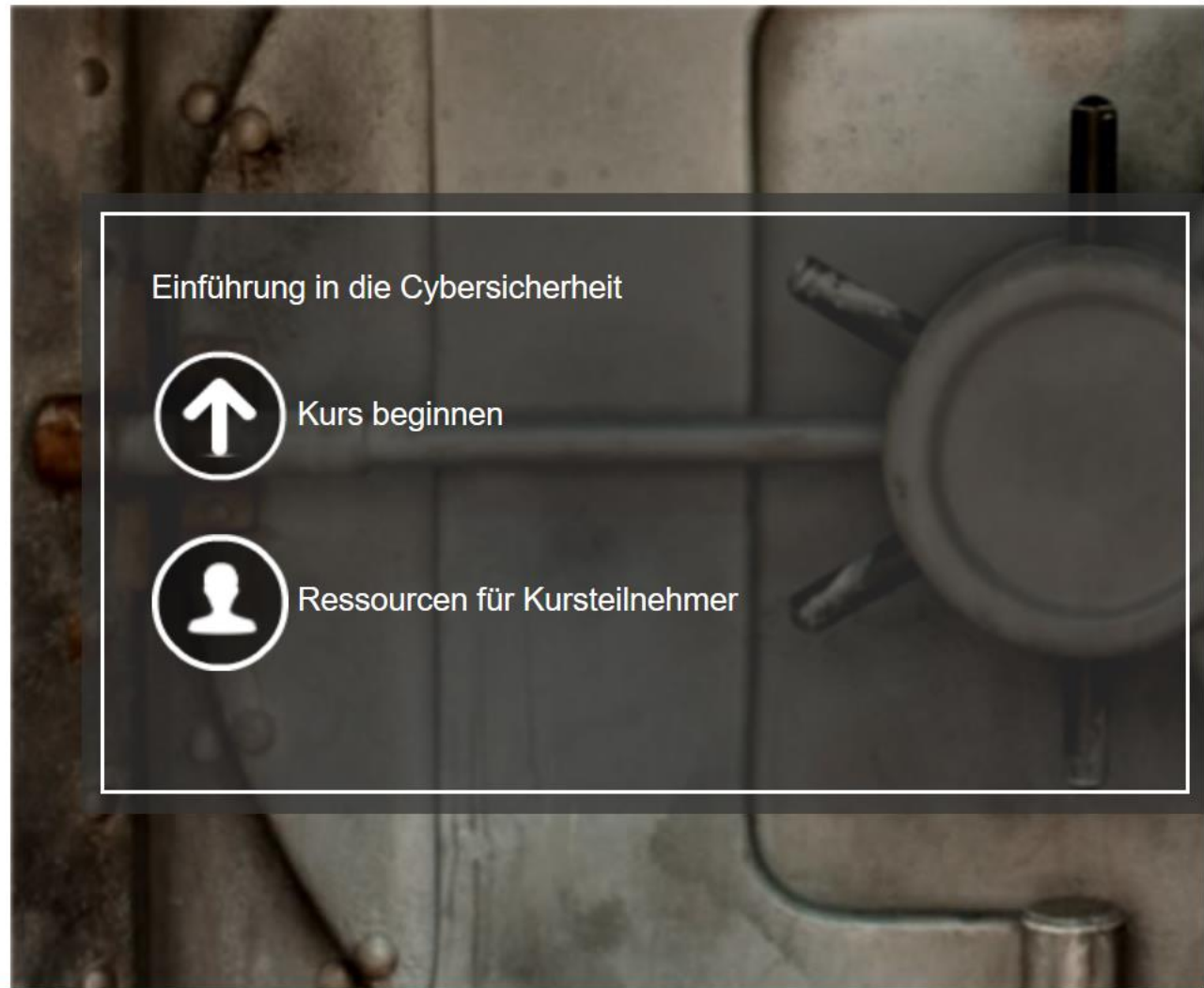
Studenten:	4
Dozenten:	2
Lehrassistenten:	Keine

Kurs-Stream anzeigen

Kurskalender anzeigen

Zu erledigen

Zurzeit liegt nichts vor



Einführung in die Cybersicherheit

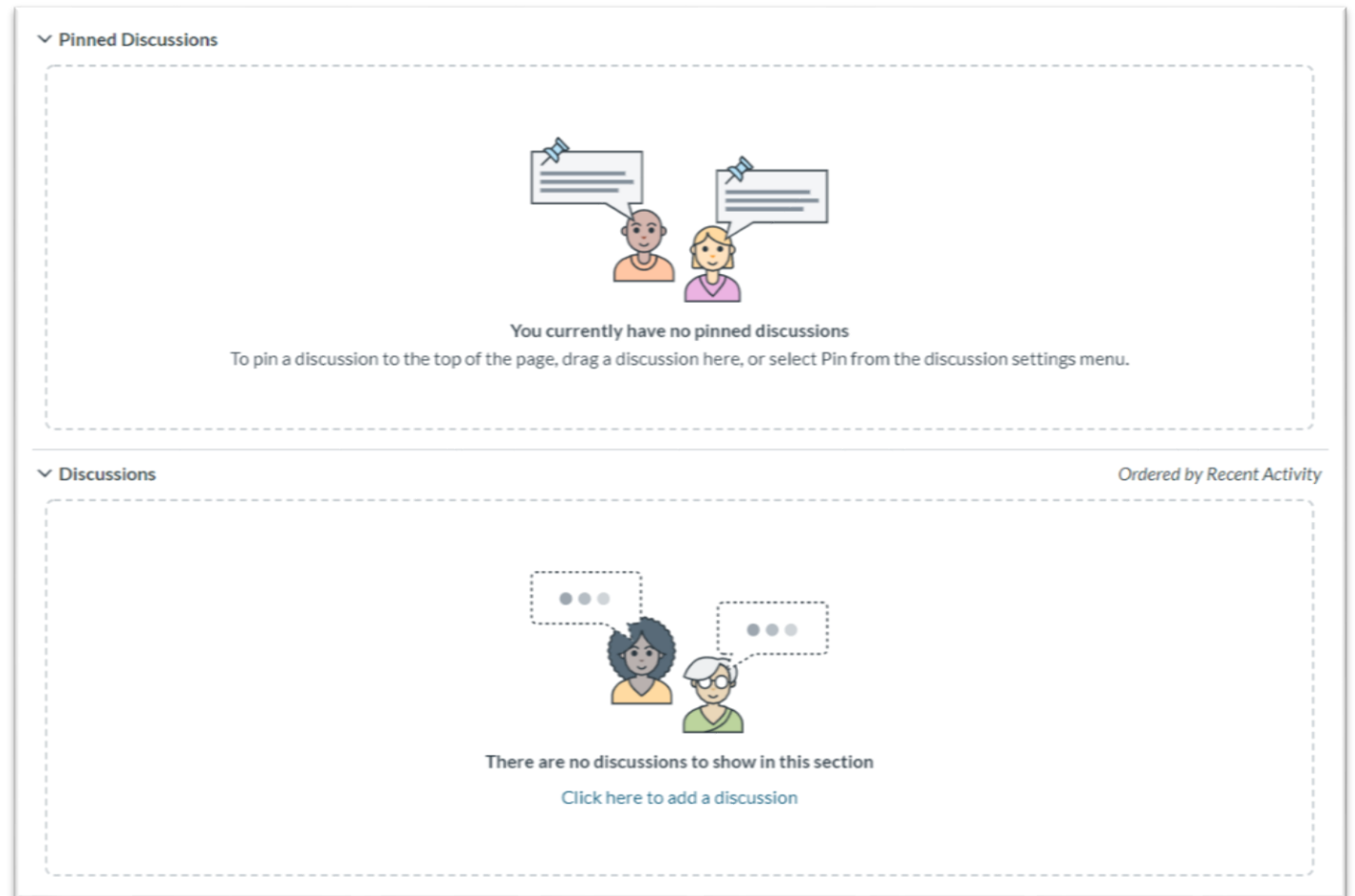
- Kurs beginnen
- Ressourcen für Kursteilnehmer

NetAcad - Forums

You can find the **Forums** as a tab in the course called **Discussions**.

There, you can access existing discussions or create new ones.

- Create discussions
- Let students interact with each other
- Asynchronous communication
- Create space for feedback for students or yourself



The screenshot displays the NetAcad Forums interface. It is divided into two main sections: 'Pinned Discussions' and 'Discussions'. The 'Pinned Discussions' section is currently empty, indicated by a dashed border and a message: 'You currently have no pinned discussions. To pin a discussion to the top of the page, drag a discussion here, or select Pin from the discussion settings menu.' The 'Discussions' section is also empty, with a message: 'There are no discussions to show in this section. Click here to add a discussion'. The 'Discussions' section is ordered by 'Recent Activity'.

Published

Published Edit

To-Do Date: May 7

Apr 24 at 9:43am

Feedback zum Kurs

Carsten Johnson

All Sections

Liebe Kursteilnehmer/innen,

bitte nehmt euch die Zeit, kurz über eure Erfahrungen mit der Lernplattform der Cisco Networking Academy und dem Kurs "Cybersecurity Essentials" nachzudenken und hier ein Feedback einzustellen.

Stellt euch dabei Fragen wie z.B.

- Was funktioniert gut bei der Benutzerführung auf der Lernplattform, was könnte besser gehen?
- Hat der Kurs den passenden Schwierigkeitsgrad?
- Wie wurden die Übungen durch den Instructor erklärt und vorbereitet?
- Was hat mir allgemein gefallen und was könnte besser werden?

Danke für die Mühe, die ihr euch mit dem Feedback macht.

Carsten Johnson
 Topic Podcast Feed

Reply

NetAcad – Customized Quizzes

- Create your own exams to align to the content you are teaching
- Easier way to grade students
- Schedule exams to run in specific moments you decide, for a period of time and for the students you select

You can find the **Customized Quizzes** as a tab in the course called **Quizzes**.

You will be able to edit existing quizzes or create new ones.

You can also access the **Quizzes** via the **Module** tab.

The screenshot shows the NetAcad quiz creation interface. At the top, there is a dropdown menu set to "Multiple Choice" and a "pts: 1" field. Below this, a text area for the question is shown with an "HTML Editor" toolbar. The toolbar includes icons for bold, italic, underline, text color, background color, link, unlink, image, video, audio, and font size (set to 12pt). The paragraph style is set to "Paragraph". Below the question text area, there is a section for "Answers:". The first answer is marked as the "Correct Answer" with a green arrow icon and contains the text "Answer Text". Below it are three "Possible Answer" options, each with a red box around the "..." icon and the text "Answer Text". At the bottom, there is a "Possible Answer" option with a green arrow icon and the text "Answer Text", and another "Possible Answer" option with a red box around the "..." icon. A "+ Add Another Answer" button is located at the bottom right. The word count "0 words" is displayed at the bottom right of the question text area.

NetAcad -Tasks

- Create activities and “homework” for students
- Ask for “submission” of the task assigned
- Specific format or type of activity
- Align to “SpeedGrader”

You can create or edit **Tasks** by using the **Assignments** or **Module** tabs.
These Tasks can include files that we, as instructors, can upload, or a type of Submission for students to present.

The screenshot displays the NetAcad task configuration interface. At the top is a rich text editor with a toolbar containing icons for bold, italic, underline, text color, background color, link, unlink, list, and other formatting options. Below the editor is a text area showing "5 words". The configuration section includes:

- Points:** A text input field containing "100".
- Assignment Group:** A dropdown menu with "Assignments" selected.
- Display Grade as:** A dropdown menu with "Complete/Incomplete" selected.
- Do not count this assignment towards the final grade
- Submission Type:** A dropdown menu with "Online" selected.
- Online Entry Options:**
 - Text Entry
 - Website URL
 - Media Recordings
 - File Uploads
 - Restrict Upload File Types

NetAcad – SpeedGrader

You can find the **SpeedGrader** when you check a **Task** or **Exam** you created for students. It will open a new window for you.

- Helps you grade student's assignments faster with the tool online

Carta de Compromiso
Due: Feb 24 at 11:59pm - ITQCCNAFY20Q3

10/14 Graded 100 / 100 (100%) Average 11/14

Page < 6 > of 6

Submitted: Feb 24 at 8:25am

Submitted Files: (click to load)

Carta Compromiso ITQ CCNA FY20

Assessment

Grade (100 / 100)

Complete

Assignment Comments

Add a Comment

Submit

Download Submission Comments

NetAcad – Student Performance

- See the activity of your students
- How much time they spent in the course
- When was the last time they joined
- Keep track of the activity they do around your virtual classroom

The **Student Performance** can be found in the **People** tab.
We can see **Teachers** and **Students** activity in the course.

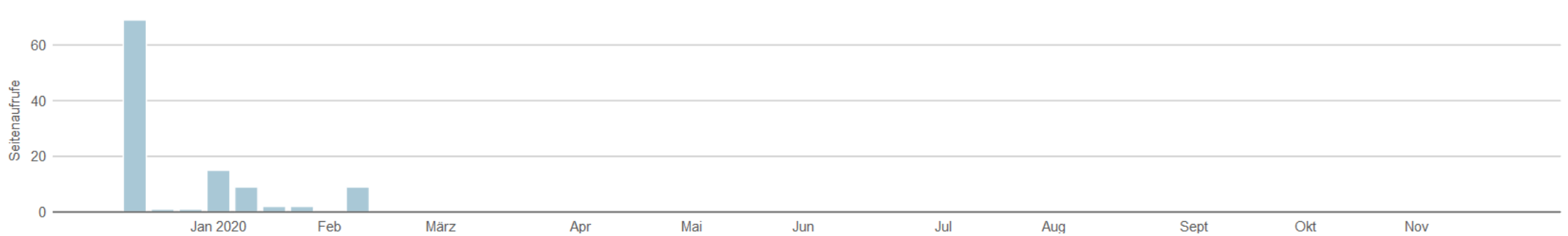
Role	Last Activity	Total Activity
Teacher		
Student	Apr 10 at 8:54am	06:12:53
Teacher	Apr 12 at 11:04am	01:00:05
Student	Apr 7 at 3:33pm	
Student	Apr 7 at 3:25pm	22:38
Student	Apr 11 at 7:47pm	11:20
Student	Apr 9 at 9:44pm	06:21
Student	Apr 7 at 3:07pm	



Aktuelle Gesamtsumme: N/A

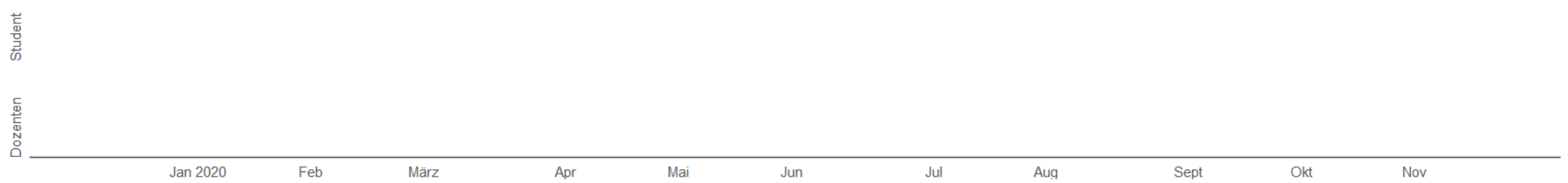
Aktivität nach Datum

Nur Seitenaufrufe Teilnahme



Kommunikation

Student Dozenten



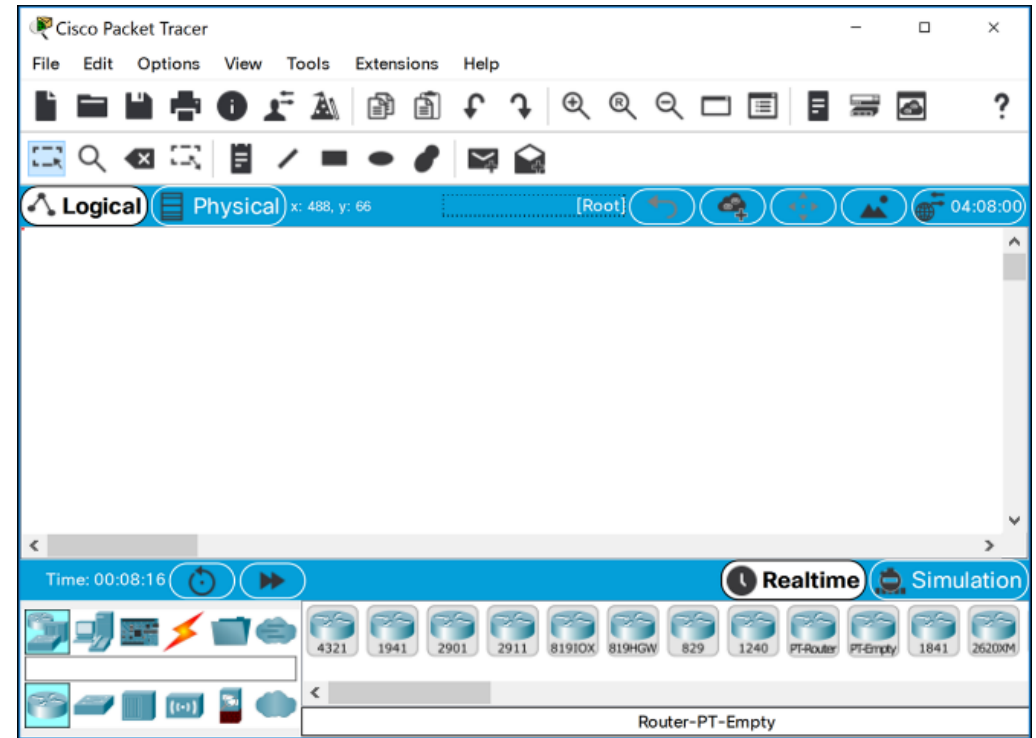
Übermittlungen

Rechtzeitig Verspätet Fehlt Zukünftig

- Mein NetAcad
- Konto
- Dashboard
- Kurse
- Kalender
- Posteingang 7
- Hilfe

NetAcad – Packet Tracer

- Packet Tracer for Windows, Mac, Linux and Mobile.
- Simulator to create, configure, design and troubleshoot networks.
- Instructors can create tasks or skill-based exams.
- Activity Wizard available.



As an **Instructor**, you can download **Packet Tracer** from the following link - <https://www.netacad.com/portal/resources/pt-resources>
As an **Student**, you can download **Packet Tracer** from the **Home Page** of any of the Netacad courses you are enrolled that uses **Packet Tracer** as a tool.

Secure Assessments

When Proctoring Assessments...

Create Default Activation

Create default activations for the assessment

Create Advanced Activation

Create advanced activations for the assessment

Manage Activations

Manage the activations for the assessment

Assessment Viewer

View the questions for the assessment

Bulk Deactivation

Disregard incomplete attempts and deactivate available activations for the assessment

Class Performance Summary

View the overall class performance for this assessment

Student Performance Summary

View the Student Performance Summary for the assessment

View All Attempts

View all the attempts for the assessment

Assessment Administration

Please let us know how you plan to administer this assessment. This information will be used for reporting and assessment development only.

Please select one of the following options:

- This assessment will be administered in a secure, proctored environment with no teamwork or access to learning materials permitted.
- This assessment will be administered in a less secure environment and teamwork or access to learning materials will be permitted.
- Unsure at this time.

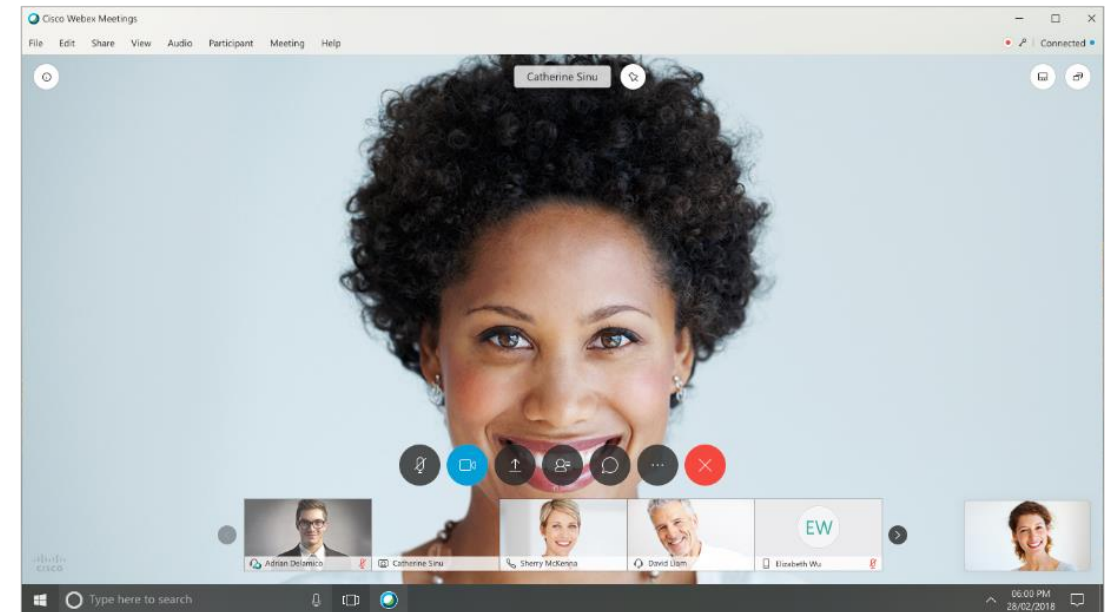
Secure Assessments

- Security to proctor exam
- Easy way to implement
- Transparent to students
- Flexibility for different exams



Cisco Webex Meetings

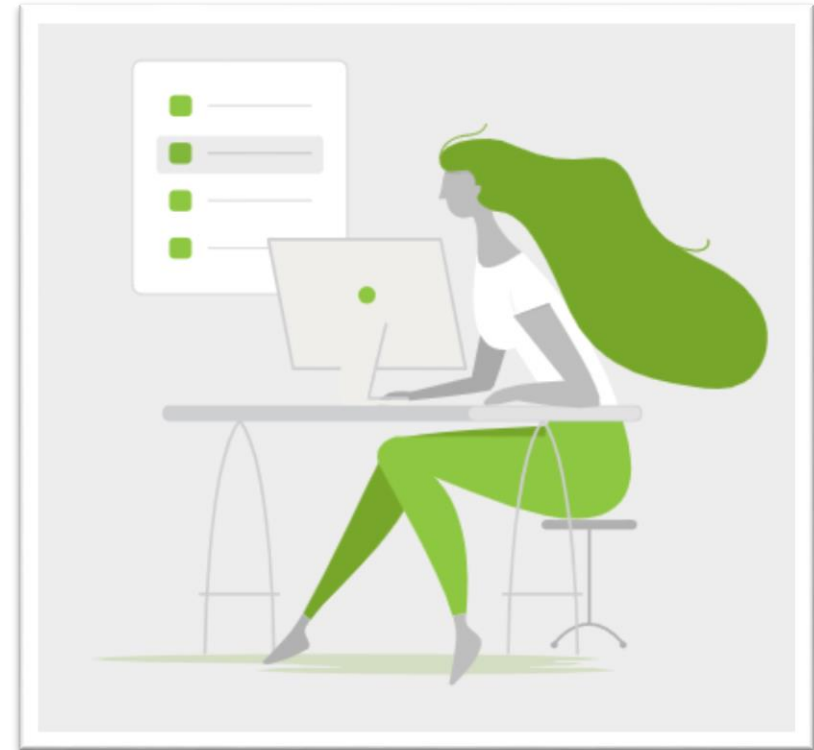
- Connect with your students for the synchronous time of the class
- Share your screen and present and let the students share
- Manage the environment to decide what your students can and cannot do.



<https://cart.webex.com/sign-up>

Proctorio

- Free trial due to Covid-19
- Exam Proctoring
- Originality Verification
- ID Verification
- Content Protection
- Data Analytics
- LMS Integration



<https://proctorio.com/>



Responding to COVID-19

Easing the transition to online assessments

Many of you are considering adding Proctorio to your business continuity plans, in the event of campus or testing center closures. To help ease this transition, we are now offering a free plan that will continue to be free even after the crisis has passed. Our free lockdown offers institutions a way to secure remote exams at no cost. We are also offering a \$5 per exam automated proctoring plan that includes all of Proctorio's core features for the duration of the crisis.

Free

Lockdown

Ensure the test takers stay within the exam without using any outside information.

\$5 per exam

Lockdown

Ensure the test takers stay within the exam without using any outside information.

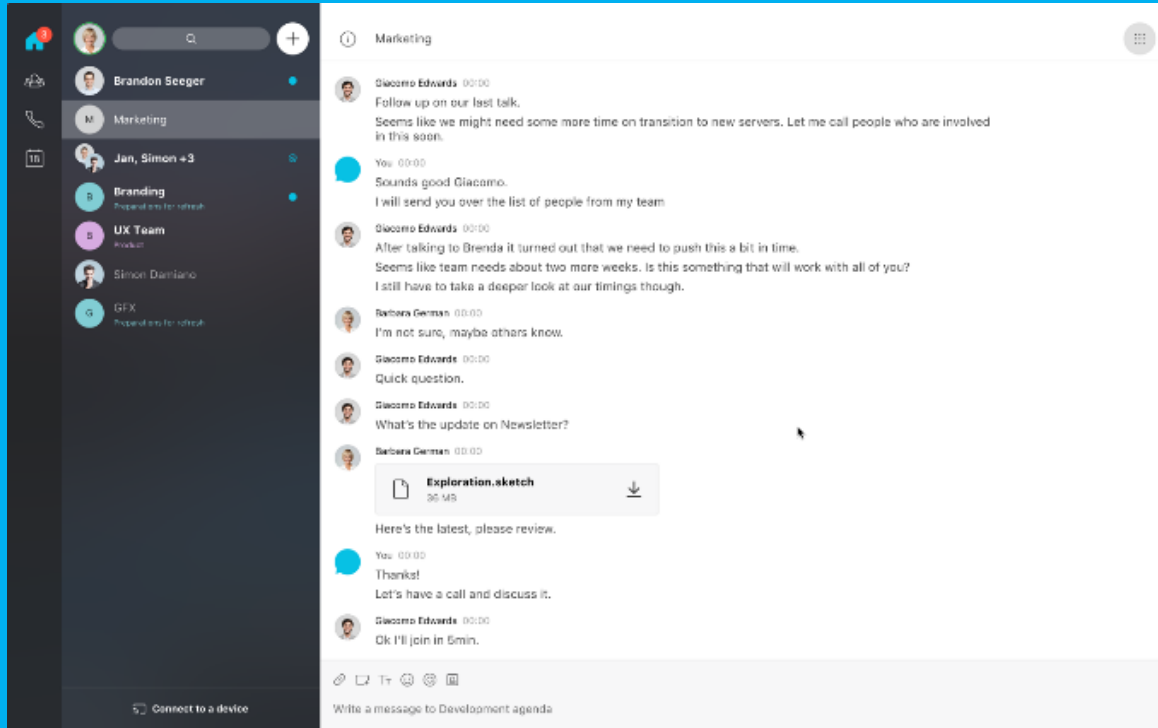
Recording

Other Tools

- ProctorTrack
 - Examity
 - PSI Services
 - Verificient
-
- Learning Games – Menti, Kahoot!



Other Tools – Cisco Webex Teams



- For more direct communication with students.
- Create Spaces for conversation.
- Share documents and multimedia files.
- Create whiteboards for your groups.
- Available in different formats (Web-based, App-based, Mobile-based)

<https://www.webex.com/team-collaboration.html>

Linux Unhatched auf Deutsch

Start

Noten

Module

Ankündigungen

Diskussionen

Personen

Seiten

Dateien

Aufgaben

Kursplan

Lernziele

Quizze

Collaborations

Assessment Center

Help & Resources

Einstellungen

Linux unhatched

Ändern

Willkommen bei NDG Linux Unhatched!

Dieser Linux-Einstiegskurs wird von Network Development Group (NDG) angeboten. Die in diesem Kurs vermittelten Fähigkeiten sind bei einer Vielzahl von Berufen verwendbar, darunter Netzwerke, Softwareentwicklung und Linux-Administration.

Um den Kurs zu beginnen:

1. Klicken Sie im linken Menü auf die Registerkarte **Modules**.
2. Klicken Sie auf den Kursinhalt.
3. Klicken Sie auf die Laden (oder Starten) Schaltfläche Neues Fenster öffnen.
4. Aktivieren Sie das Kontrollkästchen für "Terms and Conditions", um die Bedingungen zu akzeptieren, und klicken Sie auf Senden.
5. Schließen Sie das Fenster, aktualisieren Sie den Inhalt des Fensters und klicken Sie auf



www.netdevgroup.com

- Startseite auswählen
- Kurs-Stream anzeigen
- Checkliste für Kurseinstellungen
- Neue Ankündigung
- Studentenansicht

Demnächst Kalender zeigen
Für die nächste Woche liegt nichts vor.

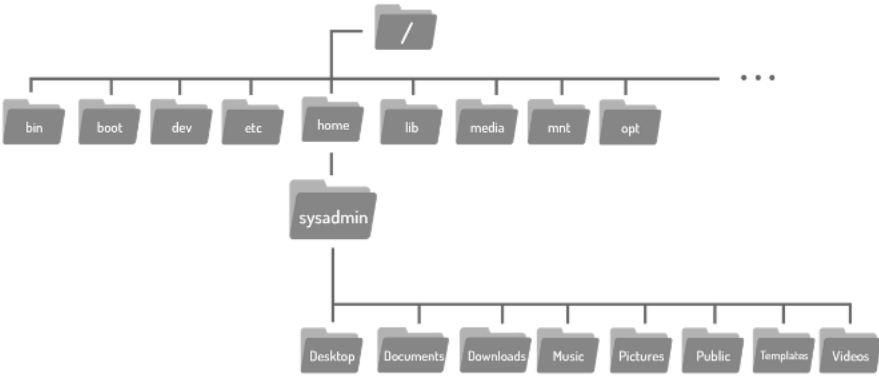
Content Objectives

- ▶
- 1
- 1.1
- 1.2
- 2
- 2.1
- 2.2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 11.1
- 12
- 13
- 14
- 14.1
- 14.2
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 22.1



Verzeichnisse wechseln

Dateien werden verwendet, um Daten wie Text, Grafiken und Programme zu speichern. Verzeichnisse sind selbst eine Art von Datei, die verwendet wird, um andere Dateien zu speichern - sie bieten eine hierarchische Organisationsstruktur. Die nachfolgende Darstellung zeigt eine abgekürzte Version der Dateisystemstruktur auf den virtuellen Maschinen.



>_ Ubuntu PC

```

* Starting domain name service... bind9 [ OK ]
Welcome to Ubuntu 14.04 LTS (GNU/Linux 4.4.0-101-generic x86_64)

* Documentation:  https://help.ubuntu.com/

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

This lab has two user accounts (username :: password )

root      :: netlab123
sysadmin  :: netlab123

Press the [Enter] key to begin...

sysadmin@localhost:~$

```

Toggle onscreen keyboard

Smart Grid Essentials für Elektroniker/innen

Create New Course



Academy

Deutschland-Akademie

Course Name

Smart Grid Essentials Vorstellung

Course ID

Akademietag Smart Grid

Start Date

24 Apr 2020

End Date

24 Jul 2020

Cisco Course Name
Community: Smart Grid Essentials

Language & Version

Deutsch - 2.00

Instructor(s)

Johnson Carsten

Description

You are about to create a course, please review that all of the course and Academy information is correct before pressing the Publish Now or Save as Draft button. If corrections are needed, use the Back button to make your changes.

If you have added any instructors other than yourself, they will be notified.

Once you press the "Publish Now" or "Save as Draft" button, you will be taken to your Course Details page where you can add students. If you choose to publish the course now, a notification will appear confirming you have published this course.

Back

Save as Draft

Publish Now

Share Idea

✓ You successfully created your course ✕

★ IN PROGRESS

Akademietag Smart Grid

Smart Grid Essentials Vorstellung

Community: Smart Grid Essentials (Deutsch - 2.00)

24 Apr - 24 Jul 2020, Deutschland-Akademie

Instructors: Carsten Johnson

- [Launch Course](#)
- [Edit Details](#)
- [Unpublish Course](#)
- [Delete Course](#)

- Quick Links

 - [Grades](#)
 - [Assignments](#)
 - [Course Analytics](#)

Share Idea

Students (0)

Search by email, ID, or name

[Refresh Grades](#)

[Add Students](#)

<input type="checkbox"/>	First Name	Last Name	Student ID	Email	LAST LOGIN	Cumul Grade	Final Exam	COMPLETE	Ge...	Ge...
--------------------------	------------	-----------	------------	-------	------------	-------------	------------	----------	-------	-------

No Student has enrolled in this course.

- Mein NetAcad
- Konto
- Dashboard
- Kurse
- Kalender
- Posteingang
- Hilfe

- Start
- Ankündigungen
- Aufgaben
- Diskussionen
- Noten
- Personen
- Seiten
- Dateien
- Kursplan
- Lernziele
- Quizze
- Module
- Collaborations
- Assessment Center
- Einstellungen

Fortschritt anzeigen **+ Modul**

- Startseite auswählen
- Kurs-Stream anzeigen
- Checkliste für Kurseinstellungen
- Neue Ankündigung
- 6d Studentenansicht

Demnächst Kalender zeigen
Für die nächste Woche liegt nichts vor.



Ein neues Modul erstellen



Vorhandenen Inhalt hinzufügen



Mein NetAcad



Konto



Dashboard



Kurse



Kalender



Posteingang



Hilfe

Start

Ankündigungen

Aufgaben

Diskussionen

Noten

Personen

Seiten

Dateien

Kursplan

Lernziele

Quizze

Module

Collaborations

Assessment Center

Einstellungen

Content importieren

Content-Typ

Eine auswählen

Aktuelle Aufträge

Kurskopie

Smartgrid update 2019

am 24. Apr um 10:30

Wird ausgeführt

Content-Importdateien können nach 30 Tagen nicht mehr heruntergeladen werden.



Mein
NetAcad



Konto



Dashboard



Kurse



Kalender



Posteingang



Hilfe

Start

Ankündigungen



Aufgaben



Diskussionen

Noten

Personen

Seiten



Dateien

Kursplan

Lernziele



Quizze



Module



Collaborations

Assessment Center

Einstellungen

Content importieren

Content-Typ

Eine auswählen



Aktuelle Aufträge

Kurskopie

Smartgrid update 2019

am 24. Apr um 10:30

Abgeschlossen



Content-Importdateien können nach 30 Tagen nicht mehr heruntergeladen werden.



Mein NetAcad



Konto



Dashboard



Kurse



Kalender



Posteingang



Hilfe

Start

Module

Aufgaben

Diskussionen

Noten

Personen

Seiten

Dateien

Kursplan

Quizze

Collaborations

Ankündigungen



Lernziele



Assessment Center

Einstellungen

Smart Grid Essentials Vorstellung

✎ Ändern



📍 Startseite auswählen

📺 Kurs-Stream anzeigen

🔍 ? Checkliste für Kurseinstellungen

📣 Neue Ankündigung

👤 6d Studentenansicht

Demnächst

📅 Kalender zeigen

Für die nächste Woche liegt nichts vor.

Smart Grid

Einführung in die Smart Grid Technologie

[Kurs starten](#)

[Allgemeine Infos zum Kurs und der Benutzung](#)

[Glossar](#)

Teilen Sie Ihre eigenen
Beispiele





Best Practices for Remote Learning - 2020

Thank you for sharing your best practices for remote learning with Cisco Networking Academy and the Technical Team. By sharing this information with us, you are allowing us to share these resources to our community around the world.

First Name *

Last Name *

NetAcad Email *

Cisco Academy *

Select all that apply to Best Practices *

Summary of your Best Practice *

If it is ok to contact you for more information. What email address should we use?

To share your Practices file, upload it here

Drag and drop files here or [browse files](#)

Send me a copy of my responses

Questions?

