

## Tutorial 1

# Introduction to Networking – Packet Tracer

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### Objective

The objective of TUT 1 is for you to firstly create a free account on Cisco to have full functionality in Cisco Packet Tracer (PT) and to introduce you to CISCO Packet Tracer. Follow the tasks below to complete TUT 1.

### **Exercise A:** *Create Packet Tracer Account on Cisco*

**Step 1** - Open following link: <https://www.netacad.com/portal/self-enroll/m/133944>

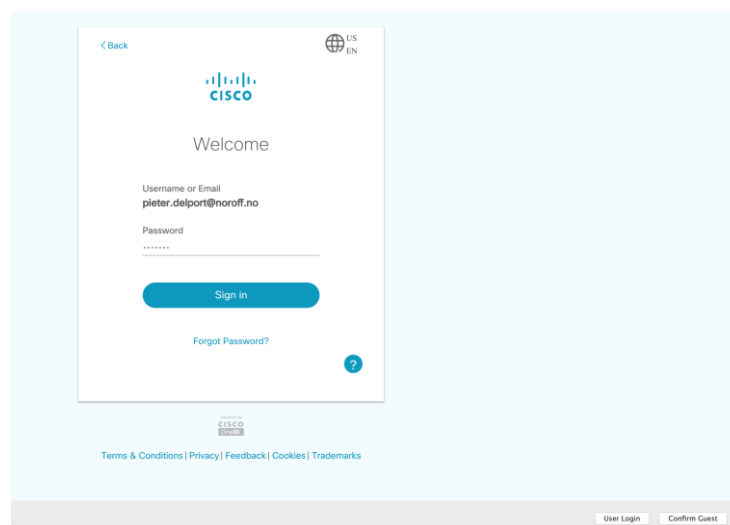
**Step 2** - Fill in your details. Please note that you should register with your student email.

**Step 3** – Once enrolled, you have to verify your email address.

**Step 4** - Access Moodle, and download PT for Windows or MAC. After downloading, continue to install PT.

**Step 5** – Once installed, open PT

**Step 6** – Login with **YOUR OWN** new credentials (as per the screenshot below).



**Step 7** – You should now be able to use PT freely with unlimited saves.

**Step 8** – Continue on to Exercise B.

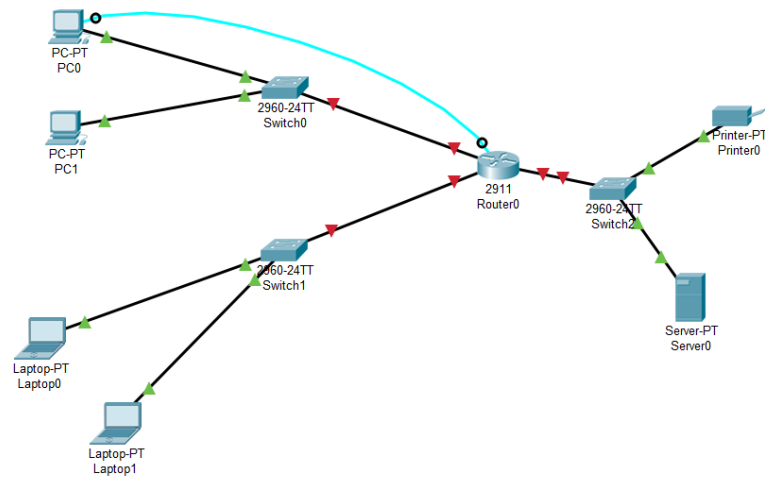
### **Exercise B:**

#### 1. Task 1

Watch video - <https://www.youtube.com/watch?v=Ufpl2HSU6lA> (+- 11 minutes) for an introduction of the general application environment and graphical user interface. Hint – Take any notes during this video and use it in Task 3.

## 2. Task 2

By using your notes from Task 2, play around in PT and see if you can build a network resembling Figure 1.



*Figure 1: Example Topology*

## 3. Task 3 – Additional Task

The following movie provides an additional perspective on what a network is and how it typically operates: <https://www.warriorsofthe.net/movie.html>