

Work areas (within which the company will be able to place trainees)**Basic programme**

✓ Tick off the appropriate

- Constructing and configuring computers at module level in accordance with relevant product documentation, upgrading computers through the installation, replacement and configuration of units, and performing the work with due consideration of electrostatic discharge (ESD), ie handling units and printed circuit boards correctly.
- Performing troubleshooting and correcting errors in computers up to module level, using measuring instruments and diagnostic software, and making performance tests of computers using various test programs.
- Configuring, building and testing computers at module level, upgrading computers through the installation, replacement and configuration of internal units, troubleshooting and correcting errors in computers up to module level using relevant measuring instruments and diagnostic software for PCs, and testing computer performance using relevant test software, all in accordance with relevant documentation such as product manuals, with due consideration of correct ESD handling.
- Installing and configuring drivers for internal and external units as well as client operating systems, including individual adaptation and administration of local user groups and rights, and configuring systems for use in workgroup or domain networks, for remote access and virtual private networks (VPNs) relative to client operating systems.
- Installing cables, jacks, switches, routers, etc in local area networks (LANs), troubleshooting and correcting errors in LANs using learned troubleshooting methods and tools such as multimeters and cable testers, and locating and replacing defective jacks in connection with data communications.
- Troubleshooting and maintaining local area networks (LANs) under supervision, using relevant tools.
- Working with security-related issues in typical network environments with shares and file security as well as login security in local computers or via a network, under supervision, and installing antivirus software in computers.
- Using technical terms both in Danish and a relevant foreign language at a level equivalent to Level F of the basic English programme in connection with the performance of work assignments in the fields of data technology and communications.
- Making small simple programs using programming software and knowledge about programming language and elementary program structure and development.

Work areas (within which the company will be able to place trainees)**Main programme**

✓ Tick off the appropriate

- Designing basic configurations of and installing network units and troubleshooting networks in connection with the establishment and maintenance of local area networks.
- Assisting in the design and establishment of small local area networks, including the installation and configuration of network units.
- Providing instructions, guidance and service to users.
- Handling electrostatic discharge (ESD) and electromagnetic compatibility (EMC) correctly and in accordance with applicable safety standards and environmental rules and regulations.
- Assisting in change processes through optimisation and streamlining of production.
- Installing and configuring connections and units in networks and troubleshooting the network in connection with the building and maintenance of local area networks with external connections.
- Installing, upgrading, configuring and using server operating systems, including user and resource administration and the installation and configuration of tools.
- Installing, configuring, administering and maintaining network servers, including troubleshooting.
- Planning, installing, configuring, maintaining and administering mixed and advanced server systems.
- Designing, building, maintaining and administering advanced and scalable network systems, including installing and configuring units and using advanced tools for analysis and troubleshooting.
- Installing and setting up various types of back-up systems.
- Participating in the planning and setting up of network-based back-up systems, including troubleshooting and error correction.
- Implementing and administering security systems in networks.
- Analysing security problems in networks and designing, planning, installing and setting up security systems.
- Performing structured software development, using development and debugging tools, and preparing documentation of programming solutions.
- Designing, developing and implementing databases, including using relevant programming languages.
- Participating in the design, installation, configuration and maintenance of IP telephony systems.
- Participating in the specification of requirements.
- Using technologies and tools for the development of systems for mobile units.
- Planning and building wireless networks with full coverage and security.