



DESCRIPTIONS OF THE LEARNER PROFILES

ICT Salary Study 2026

Instructions

COMPUTER SCIENTIST WITH FEDERAL CERTIFICATE OF COMPETENCE

(4-YEAR APPRENTICESHIP)

Within the 4-year IT apprenticeship, there are currently two specialisations: application development (software programming) and platform development (system and network technology, ICT infrastructure operation).

TASKS SPECIALISING IN APPLICATION DEVELOPMENT:

- Developing applications, apps and websites, finding creative solutions for the needs of customers and users
- Maintain dialogue with users and clients
- Analysing problems, creating innovative solutions using various IT tools
- Programming, testing and, if necessary, adapting software applications
- Carry out training so that users can use new software

TASKS SPECIALISING IN PLATFORM DEVELOPMENT:

- Ensure that the ICT infrastructure functions smoothly and is protected from hackers
- Plan, set up, operate and maintain server services as well as physical and virtual server systems
- Plan local area networks (LAN), select, install and configure suitable network components and monitor ongoing operation
- Ensuring the security and availability of systems and services as well as the performance of the network
- Ensure that information is protected and can be distributed securely

REQUIREMENTS FOR BOTH SPECIALISATIONS:

- Good analytical skills, networked thinking
- Technical skills and interest in technological trends
- Team and communication skills
- Interest in scientific subjects

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ICT SPECIALIST WITH FEDERAL CERTIFICATE OF COMPETENCE

(3-YEAR APPRENTICESHIP)

The 3-year IT apprenticeship to become an ICT specialist mainly involves ICT support for customers and users, ICT troubleshooting, installation and procurement.

REQUIREMENTS:

- Team and communication skills
- Enjoy dealing with people
- Networked thinking
- Technical skills and interest

TASKS:

- Ensure that customers can work with the installed ICT equipment without disruption
- Support users in the diverse and optimal use of various ICT tools
- Installing and commissioning PCs, tablets and mobile phones
- Integrate peripheral devices (e.g. notebook, printer) into the network infrastructure and rectify faults
- Working in support, analysing problems and finding solutions together with other specialists
- Support customers in procuring ICT devices and ordering ICT resources

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MEDIAMATICIAN WITH FEDERAL CERTIFICATE OF COMPETENCE

(4-YEAR APPRENTICESHIP)

During the 4-year mediamatics apprenticeship, multimedia products are created and used for marketing, communication and internal purposes.

REQUIREMENTS:

- Team and communication skills
- Enjoy dealing with people
- Creativity and organisational talent
- Networked thinking
- Interest in IT, other technologies and communication tools

TASKS:

- Producing and using multimedia
- Activities in creation, design, marketing, communication and project development
- Preparing information for the internet and social media
- Create and integrate images, videos, music, texts and audio documents
- Use IT tools such as HTML, CSS, JavaScript, the Adobe Creative Cloud and databases
- Develop and design content for presentations, flyers and brochures
- Maintaining contact with printers, IT companies, media, publishing houses and internal and external customers

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