



Tecnicatura Universitaria en Programación

INGLÉS II

Unidad Temática N° 5:
Inserción Laboral

Actividad Complementaria IV
1° Año – 2° Cuatrimestre



COMPUTERS AND WORK

A. Jobs in Computing

Most ICT-related jobs have developed to meet the need to analyze, design, develop, manage or support computer software, hardware or networks. All the people involved in the different stages of development of a computer project, i.e. analysts, programmers, support specialists, etc. are controlled by a **project manager**.

ANALYZE

A **database analyst** is in charge of the research and development of databases; **network analysts** study the network requirements and recommend the most suitable type of network; **systems analysts** decide what ICT system will cater for the requirements of a specific institution.

DESIGN AND DEVELOP

Web designers, also called **webmasters**, create and maintain web pages and web applications for websites.

Software engineers, either application programmers or systems programmers, plan, design, and test computer programs.

Hardware engineers design and develop ICT devices.

Security specialists specialize in the design of software and hardware to protect information from malware: viruses, spyware, etc.

MANAGE

Network or computer systems administrators install and maintain networks.

Database administrators manage the accuracy and efficiency of databases.

SUPPORT

Computer operators control computer data processing.

Help desk technicians are in charge of troubleshooting, the solution of technical problems.

Computer training instructors or **trainers** teach people how to use hardware and software.

Technical writers write the instructions for ICT systems.

B. Computers and Jobs: New Ways, New Profiles

With the development of ICT, there has been a change in the way lots of jobs are done.

I've become a **teleworker**, a person who can work at home, thanks to **teleworking** or **telecommuting**, so I can work away from my official workplace. High-speed communications have made it possible.

I'm training to work as an **online teacher**. I want to be a specialist in e-learning, distance education via the Internet.

I started my career as a typesetter. Now, I work as a **desktop publisher**. I create documents with

I like this new aspect of my job: I practice **telemedicine** – it's like having a long-distance surgery. Real-time data transmissions and virtual operations enable me to cure people who are far away.

ICT has made my job much better and easier. Now, I like to call myself a **computer animator**. With my computer, I create cartoons I couldn't think of before.

1. Classify these jobs under the heading that best describes their function.
They all appear in section A above.

Software engineer		Help desk technician
Database administrator	Trainer	Network analyst
Systems analyst	Hardware engineer	Network administrator

ANALYZE	DESIGN / DEVELOP	MANAGE	SUPPORT
---------	------------------	--------	---------

a. _____ c. _____ e. _____ g. _____
b. _____ d. _____ f. _____ h. _____

2. Draw lines between the columns to make true sentences about jobs in section A above.

- A technical designer controls all the operations and people in a project.
- A project writer writes documentation of a program or device.
- A web specialist plans and keeps websites updated.
- A security manager designs applications against viruses.

3. Complete the text with words from section B above.

The use of ICT has caused the development of new ways of working. People no longer need to be stuck in an office. Laptops, the Internet and wireless technologies allow ⁽¹⁾ _____. What's more, there are more and more people who have decided to become ⁽²⁾ _____ and so have no need to travel to work at all.

The Internet has also enabled doctors to practice ⁽³⁾ _____ and educators to work as ⁽⁴⁾ _____

_____. ICT technologies have introduced changes in
the artistic world, too. Cartoons are now made by ⁽⁵⁾
_____ and ⁽⁶⁾ _____
produce materials ready for publication.

Bibliografía

Marco Fabré, E. & S. Remacha Esteras. (2007). *Professional English in Use ICT* (Intermediate to Advanced). Cambridge, UK. Cambridge University Press.



Atribución-No Comercial-Sin Derivadas

Se permite descargar esta obra y compartirla, siempre y cuando no sea modificado y/o alterado su contenido, ni se comercialice. Referenciarlo de la siguiente manera: Universidad Tecnológica Nacional Facultad Regional Córdoba (S/D). Material para la Tecnicatura Universitaria en Programación, modalidad virtual, Córdoba, Argentina.