

COMPUTER NUMERICAL CONTROL OPERATOR

flyhigher



Source: AFPA WEBTV

«We have the satisfaction performing high-precision work on very hard materials»

- ALBERTO -

Aeronautics is an industry worth 220 billion Euros, providing 4,5 million jobs in Europe and is one of the key, high-tech sectors of the European Union.

WORKSHOP

A DAY IN THE LIFE OF... a computer numerical control operator

A control numerical computer operator, also known as a CNC operator has to be multi-skilled: turning, milling, cutting, moulding... as many operations as an operator is able to perform with numerically controlled machines and adequate tools. The aim of this job is to create new parts avoiding unnecessary waste of materials and also to gain time. In this way, the production stage becomes less costly. The finished product has to be perfectly made, corresponding to the technical documentation and the different standards. Beyond that, being a CNC operator a lot of the working day is spent standing-up.



Regions constituting Europe's leading pool of jobs in the field of aeronautics

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MAIN ACTIVITIES

Analyse blueprints and technical documentations of the machines

Define the operational mode thanks to technical documents and drawings (choice of machines, programs and tools)

Install and adjust the numerically controlled machines and the computer tools according to the part that needs to be created

Monitor the performances and functionality of the machines and the proceedings of the production of the part

Measure and control the manufactured part to check if it corresponds to the application required

Ensure that the finished product corresponds to the specifications and also the quality and security standards

MISSIONS

Create pieces by machining

Transform an unprocessed product into a finished product

Program the numerically controlled machines to perform specific tasks

EXAMPLE OF PROJECT

Undertake the first level maintenance of the computer numerically controlled machines

SKILLS & KNOWLEDGE

Understanding of a blueprint and other technical documentations

Computer Numerically Controlled machines

Programming languages

Spatial representation of 3D

Production machines and tools

Mechanical engineering

QUALITIES

Precision

Rigour

Attention to details

Good sense of organisation

Analytical turn of mind

QUALIFICATIONS

High school diploma OR EQUIVALENT

+ Apprenticeship in this sector



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