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PROFESSION OF MECHANICAL ENGINEER

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У статті розглядається професія інженера-механіка, особисті якості, які потрібні для майбутнього спеціаліста. Розкрита сутність цієї професії і наскільки вона важлива для майбутнього. Розглянуто яка потрібна освіта, якою різною вона може бути залежачи від напрямку сфери діяльності. У висновку виділено наскільки важливо знання іноземних мов для цієї професії.

The profession of mechanical engineer is multifaceted, a specialist in this field can work both at the service station and in the production of toys. The world is constantly moving forward. Every day there are new mechanisms and adaptations that can make life easier for people. The job of a mechanical engineer is to design new mechanisms. It is engineers who are the force that drives progress, forcing the world to change. But their responsibilities do not end there. The developed equipment must be constantly monitored, as without proper adjustment and timely maintenance mechanisms break down quickly. This can lead to unwanted problems and sometimes even endanger a person's life. Therefore, in any

production there is a mechanical engineer who is responsible for the technical component.

Unfortunately, any machine will fail sooner or later, no matter how carefully it is treated. And to repair it again requires the help of a mechanic. Only he will be able to determine the cause of the failure and then suggest possible remedies.

In order to get a mechanical engineer diploma, you need to finish higher education. It is possible to enter there after 11 classes, or studied in technical school. Mathematics and physics are compulsory subjects, so you must take the exams after admission. But to begin with, future professionals need to choose the direction of study and only then seek a suitable higher education institution. Thus, in some institutions it is possible to get a profession of engineer-mechanic of motor transport, and in others - a specialist in designing hydrological equipment. Therefore, before making a final decision, you need to think carefully. After all, the future place of work will depend on the choice. Personal qualities that a future specialist should possess:

Love for the exact sciences. Mathematics, physics, drawing - these disciplines will accompany mechanics throughout his career. Only by having a passion for them can you become a true professional.

Mathematical Composition of Mind. The engineer must have good analytical skills to calculate all formulas. But do not forget about creativity, because it is thanks to her that the world saw many new inventions.

Great memory. A good specialist should keep a lot of information in his head, otherwise he will not avoid professional mistakes.

Endurance and patience. Hours spent creating schemes, night calls to the company because of another breakdown, long searches for its cause - all these are the usual everyday mechanical engineers.

Sociability. A mechanical engineer is a managerial position and is under the control of locksmiths, electricians, turners and so on. Given this, a person in this profession should be able to properly share responsibilities between workers and

be a decent example to them. As for the rest, the requirements for candidates for this position may vary depending on the type of production.

Every day, the number of mechanized companies is only growing, so young professionals do not have to worry about their future jobs. But they should keep in mind that the new technique has a more complex design, which means that you need to study your subject in more depth. Also, many companies use foreign machines in their work. With this in mind, a mechanical engineer should be prepared to use the instructions written in a foreign language.

Література:

1. <https://don.dcz.gov.ua/publikaciya/profesiya-inzhener-mehanik>