

applied mechanics

dynamics and strength of machines

strength engineer

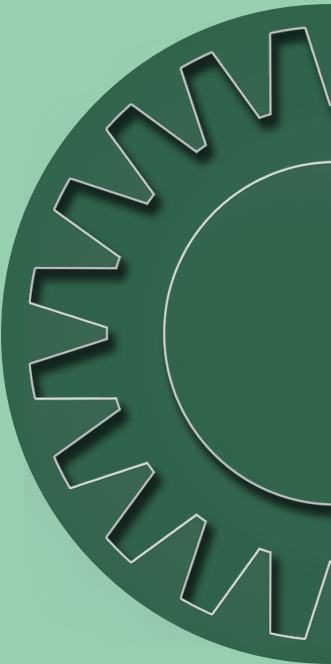


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What an expert should be able to do

the latest trends in this field

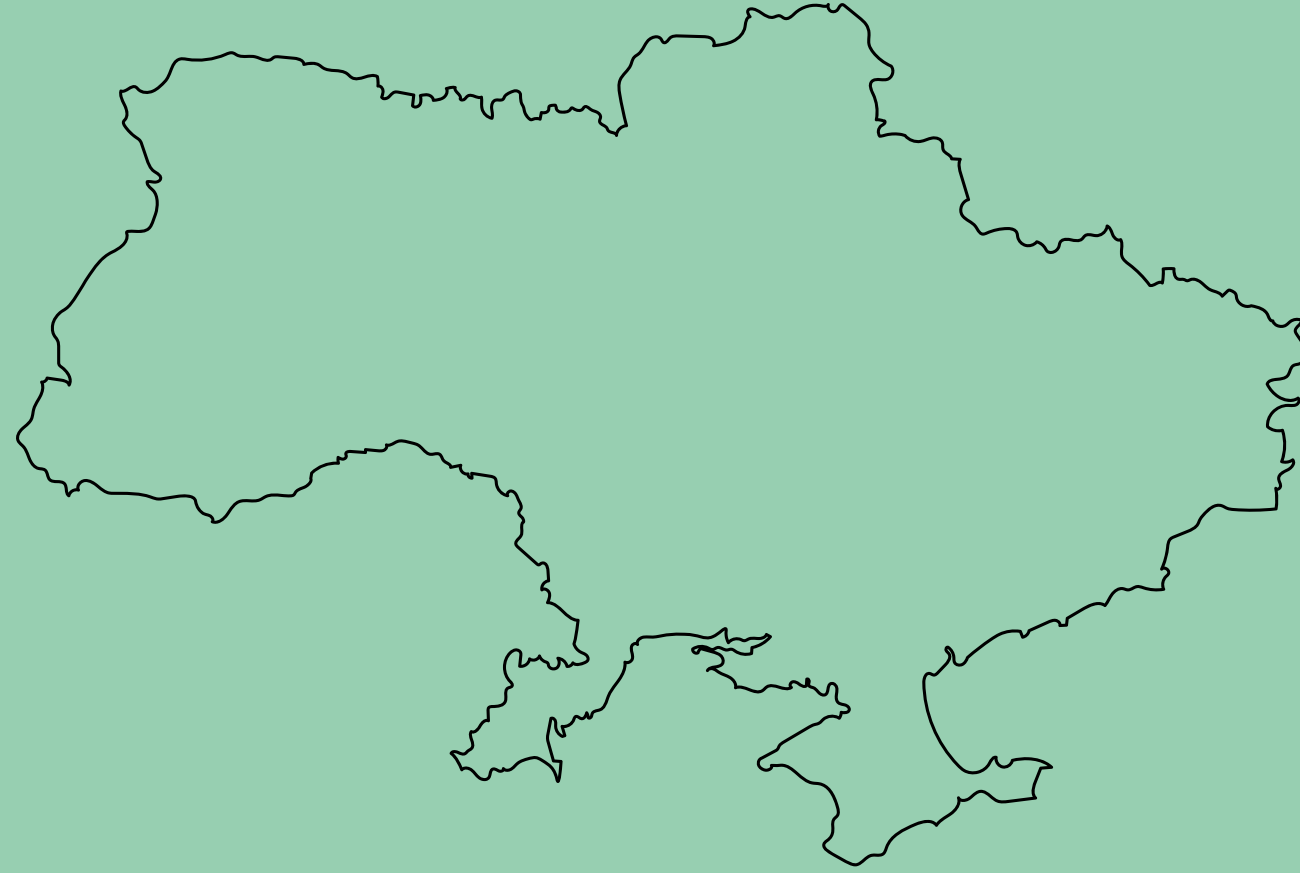
What I like most about my specialty

important subjects for the strength engineer

prospects after university

How important is my specialty in the development of the Ukrainian market

This profession is very important for the development of the Ukrainian market. The more qualified engineers there are, the faster we will be able to advance in this field and become a high-tech state





We can again design new airplanes, maybe cars, and other things that will be needed all over the world



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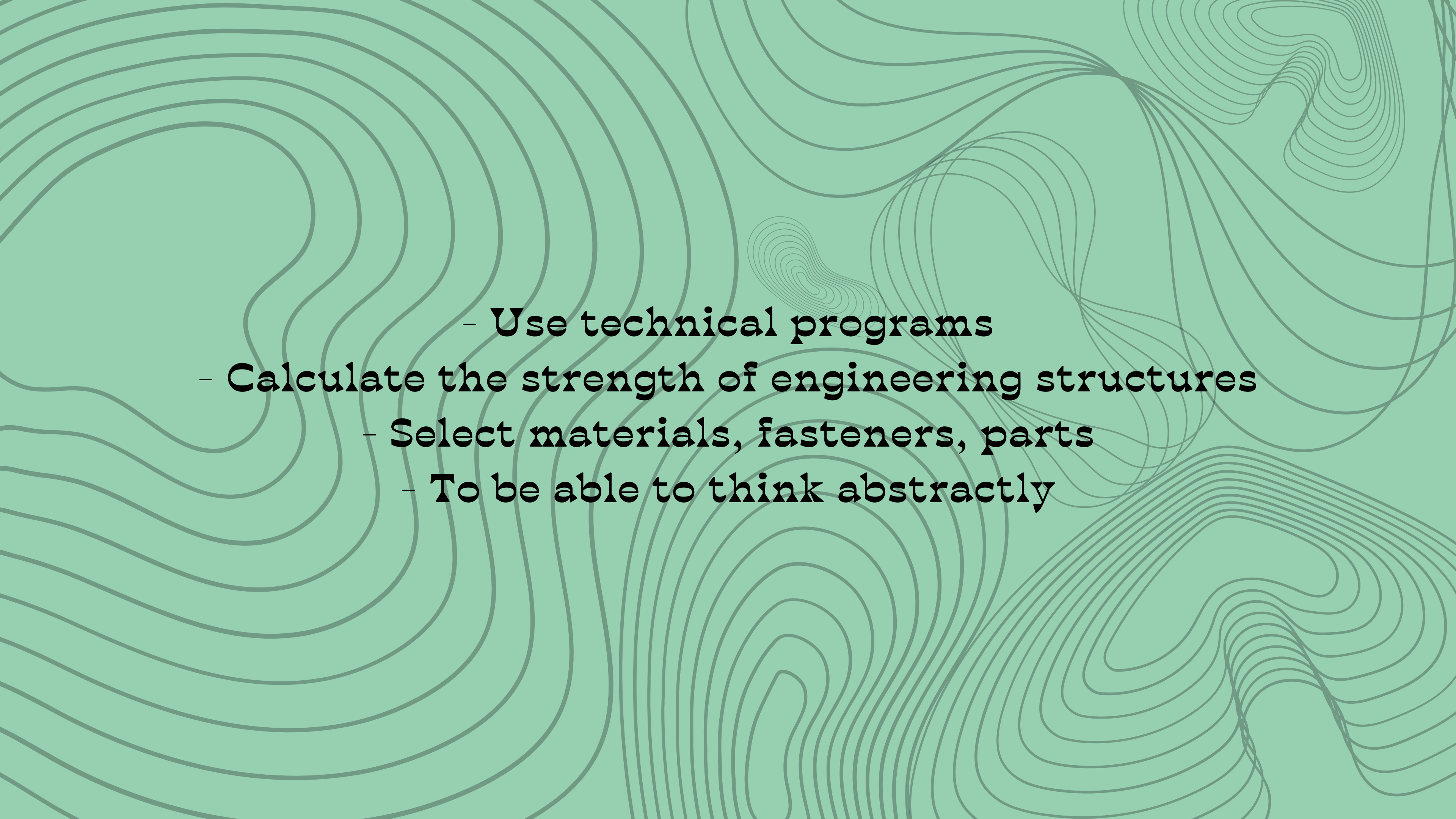
What an expert should know



A strength engineer must know new materials and their characteristics. It is very important to be able to work in various engineering programs (SOLID, AutoCAD, ANSYS). The basis of any engineering profession is the resistance of materials. which is the basis for understanding further subjects



What an expert should be able to do

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- The background of the slide is a light teal color with a complex pattern of darker teal, wavy, concentric lines that resemble topographical contours or a stylized wood grain. The lines are irregular and flow across the entire page.
- **Use technical programs**
 - **Calculate the strength of engineering structures**
 - **Select materials, fasteners, parts**
 - **To be able to think abstractly**