

Laptop for Engineering students – study year 2022-2023

For the Technology courses you need to be in possession of a laptop. Depending on the training you're enrolled in, your laptop must meet certain requirements:

Laptop for **Maschinenbau, Industrielles Product Design Nld/Deu, Industrial Design Engineering and Mechatronica:**

The laptop must be suitable for using SolidWorks, a Product 3D Design Software Package. This means:

- Windows 10/11 64 bit
- Workspace / RAM at least 16GB
- Processor 3.3GHz or higher
- Drives: SSD recommended
- Display at least 15" display or a display resolution of 1920 x 1080 pixel. A larger display with higher resolution is better.
- Graphics : Certified card and drivers with special graphics processor (GPU)

The display and graphics card make the laptop slightly more expensive, but 3D Design has higher system requirements. The following link allows you to find the precise system requirements for using SolidWorks or check that a particular Laptop is fit for SolidWorks (certified):

[System Requirements / SOLIDWORKS](#)

Please be aware that a MacBook is not compatible with certain programs and is therefore not the best option.

Campus Venlo has WLAN (WLAN = wireless network), which allows you to work with your laptop on the Internet and the Fontys network everywhere on campus.

At our media library you can borrow laptops.

If you need to purchase a new laptop or programs and you have doubts, wait a while to purchase and consult with the professional teachers at the beginning of the academic year.