Laptop for Engineering students – study year 2023-2024

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 3D Design and Engineering 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 cq 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 high 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

Apple /IOS:
Mechatronica programme: A lot of the software required for the Mechatronics programme will not run on apple devices. A windows laptop is therefore essential.
Mechanical Engineering /IPO/IDE : Most required software can be installed and operated on Apple devices however support is less readily available when problems arise- a windows laptop is therefore strongly advised.

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.

If you already have a good functioning laptop and don't know if you need to buy a new one either contact the programme directly or wait until you start the programme and discuss this with the lecturers or coaches at the beginning of the academic year.