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MINIMUM EQUIPMENT REQUIREMENTS

It is compulsory for all first-year students who register for the Bachelor of Engineering degree in the Faculty of Engineering, to be equipped with a laptop and a calculator. Please refer to the 2026 Calendar of the Faculty of Engineering for rule I.3.4 (equipment) and rule I.2.9 (use of calculators during examinations).

It is essential to emphasise that computers fulfil an indispensable role in engineering practice, and therefore students must be proficient in computer applications during their studies, before entering the industry. These computers will be used in classes, especially those subjects concerning the mastering of computer programmes.

The following laptop configurations will conform recommended **minimum** requirements:

- Processor: At least a quad-core processor (Intel i7/i9 or AMD equivalent) clocked at 2.4GHz or higher
- RAM: At least 16GB of RAM (64GB+ is recommended and has shown to be preferential)
- Storage: At least 500GB with 1TB SSD recommended (one could also opt for 500GB internal SSD, with an additional 500GB external SSD)
- Onboard GFX will work, but a dedicated Graphics card (Nvidia / Radeon) (minimum 1GB) is preferable.
- At least a 15" HD display
- Microsoft Windows OS (version 10 or above)[1]
- Headphones or a headset
- Ethernet Interface (via adaptor is acceptable) is recommended
- Wi-Fi ab/b/g/n
- Built-in camera and microphone (for online conferencing/classes)

Furthermore, students are required to acquire a **USB flash drive** (at least 64GB) for transferring data between computers and measurement equipment.

The following **calculator** will meet the requirements:

- Alphanumeric, semi-programmable scientific calculator with basic mathematical and scientific functions, with the capability of handling multiple capable functions.

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[1] although most software will run on Apple macOS some engineering specific applications are only available for Microsoft Windows environments