

Electrical and electronic engineering

Electronic circuit simulation software

In the practical exercise below you'll find a link to some circuit simulation software, which course tutors have tested (with virtual test equipment) and created an example of a stabilised voltage power supply.

[Practical exercise: electronic circuit simulation software \(PDF\)](#)

Students would usually need to create the following circuits in the lab but the circuit simulation software is an excellent work around and future engineers will find it useful as a tool for themselves.

1. Stabilised voltage power supply
2. Transistor amplifier
3. Operational amplifier
4. Logic circuit encompassing combinational and sequential logic