On Education

Training prepares you for the expected

Education prepares you for the unexpected

Technicians are trained to follow established procedures
They do not take responsibility for those procedures

Engineers are educated to create, follow and take responsibility for those procedures

Requires a solid grounding in fundamental science and mathematics. Trained to be thorough and complete in their analysis

A university degree means that the possessor is capable of learning a lot of complex things in a short time, and can deal with the stress imposed by that learning