

PHYS113W : Electricity and Electronics

Electricity and Electronics introduces the fundamental laws of electricity and electronics. The course places significant emphasis on laws, units, components, basic circuit analysis, and troubleshooting circuits with DMMs. It also covers the application of these fundamentals to fields such as IT, welding, automotive, and mobile equipment. In the laboratory, students perform hands-on experiments to master basic concepts and troubleshooting techniques.

Lecture Hours 3

Lab Hours 2 **Credits** 4