

REC3133 : Principles of Electronics

The Principles of Electronics course teaches the tenets of electricity as it relates to the professional needs of the entertainment industry. With an emphasis placed on safety procedures, students will gain knowledge of electrical systems as they apply to studio and live-event production. The course covers Ohm's law, AC power, test equipment, soldering, troubleshooting, and grounding schemes, as well as the fundamental concepts required to understand the electronic circuits found within audio, video, and lighting equipment. Students will be challenged to solve a variety of real-world technical problems that often arise in the audio industry.

Credits 3

Course Length 4 weeks