



4 Courses

**Introduction to Power Electronics**

**Converter Circuits**

**Converter Control**

**Magnetics for Power Electronic Converters**



University  
of Colorado  
Boulder

Aug 1, 2021

**SHUVAM KESHARI**

has successfully completed the online, non-credit Specialization

## Power Electronics

Design modern switched-mode power converters; create high-performance control loops around power converters; understand efficiency, power density and cost trade-offs. By 2030, 80% of all electrical energy will be processed by power electronics. Professional advantages continue to grow for technical engineers who understand the fundamental principles and technical requirements of modern power conversion systems. This Specialization covers design-oriented analysis, modeling and simulation techniques leading to practical engineering of high-performance power electronics systems.

Robert Erikson

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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