

COURSE DETAIL

ELETRIC MATERIALS

Country

Brazil

Host Institution

Pontifical Catholic University of Rio de Janeiro

Program(s)

Pontifical Catholic University of Rio de Janeiro

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

133

UCEAP Course Suffix**UCEAP Official Title**

ELETRIC MATERIALS

UCEAP Transcript Title

ELETRIC MATERIALS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a study of elemental concepts in materials science including: electrical and thermal conduction in dielectric solids and insulation; elements of quantum physics; semiconductor devices; semiconductor optical properties.

Language(s) of Instruction

Portuguese

Host Institution Course Number

ENG 1405

Host Institution Course Title

ELETRIC MATERIALS

Host Institution Campus

PUC-Rio

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Departamento de Engenharia Elétrica

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