COURSE DETAIL

BATTERY TECHNOLOGY AND COMMERCIAL APPLICATION
Country United Kingdom - England
Host Institution University College London
Program(s) Summer at University College London
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering Business Administration
UCEAP Course Number 109
UCEAP Course Suffix S
UCEAP Official Title BATTERY TECHNOLOGY AND COMMERCIAL APPLICATION
UCEAP Transcript Title BATTERY TECH&APPLIC
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description

Lithium-ion (Li-ion) batteries have revolutionized portable electronics; from mobiles to laptops, Li-ion batteries are omnipresent within modern society. Furthermore, we are now seeing a global shift within the automotive industry towards the adoption of electric vehicles, predicted to be a trillion £ market by 2050. This course requires no prior knowledge of battery technology and cover all major aspects, from fundamental operation through to commercial application. This includes tours of cutting-edge research facilities, external speakers from the likes of NASA and perspectives covering: government policy, industrial production, project management, commercial business and marketing.

Language(s) of Instruction
English

Host Institution Course Number
ISSU0100

Host Institution Course Title
BATTERY TECHNOLOGY

Host Institution Campus
Bloomsbury

Host Institution Faculty

Host Institution Degree
Bachelors

Host Institution Department
Chemical Engineering/Bartlett School of Planning

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