

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

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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 Course Details

<https://www.ucl.ac.uk/prospective-students/summer-school/modules/battery-techno...>

Host Institution Campus

Bloomsbury

Host Institution Faculty

Host Institution Degree

Bachelors

Host Institution Department

Chemical Engineering/Bartlett School of Planning

Course Last Reviewed

2022-2023

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