

COURSE DETAIL

ADVANCED TOPICS IN ELECTRODYNAMICS

Country

Iceland

Host Institution

University of Iceland

Program(s)

University of Iceland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

164

UCEAP Course Suffix**UCEAP Official Title**

ADVANCED TOPICS IN ELECTRODYNAMICS

UCEAP Transcript Title

ADV ELECTRODYNAMICS

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course provides a comprehensive introduction to advanced and modern topics in Electrodynamics aimed at undergraduate and master's students. The course assumes familiarity with Newtonian mechanics, but the main concepts of special relativity and vector calculus are covered initially.

Language(s) of Instruction

English

Host Institution Course Number

EDL102M

Host Institution Course Title

ADVANCED TOPICS IN ELECTRODYNAMICS

Host Institution Course Details

<https://ugla.hi.is/kennsluskra/index.php?tab=nam&chapter=namskeid&id=71094120246>

Host Institution Campus

Host Institution Faculty

Faculty of Physical Sciences/Engineering and Natural Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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