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
EÐL102M

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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