

COURSE DETAIL

INTRODUCTION TO QUANTUM MECHANICS

Country

Canada

Host Institution

University of British Columbia

Program(s)

University of British Columbia

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

145

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO QUANTUM MECHANICS

UCEAP Transcript Title

INTRO: QUANTUM MECH

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the principles and applications of quantum mechanics, wave mechanics, the Schrodinger equation, expectation values, Hermitian operators, commuting observables, one-dimensional systems, harmonic oscillators, angular momentum, three-dimensional systems.

Language(s) of Instruction

English

Host Institution Course Number

PHYS 304

Host Institution Course Title

INTRODUCTION TO QUANTUM MECHANICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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