

Course calendar
PHYS 6350: "Mathematical Physics I"
Fall 2024

Topics: (tentative list)

Review of vector calculus

Linear algebra, eigenvalue/eigenvector problem

Complex analysis

Fourier analysis, Fourier transforms

Boundary value problems: differential operators, Green's function, orthonormal functions

Probability and statistical inference

Group theory

Important dates:

Mon, Aug 26, 2024: 1st day of classes

Mon, Sep 2, 2024: Labor holiday (no classes)

Thu, Fri Nov 28, 29, 2024: Thanksgiving holiday (no classes)

Wed, Dec 4, 2024: last day of classes

Fri, Dec 6 -Thu, Dec 12, 2024: Final exam week

Exam dates:

Exam 1: Tue, Sep 24, 2024

Exam 2: Tue, Oct 15, 2024

Exam 3: Tue, Nov 5, 2024

Exam 4: Tue, Nov 26, 2024

Oral final: during final exam week