

8.701

Introduction to Nuclear
and Particle Physics

Markus Klute - MIT

0. Introduction

0.2 Course Organization



Course Setup

Inverted classroom in online setting (see additional video A.02)

Lectures are organized in short video discussing specific concepts or methods. Each video is supplemented with slides, text, and a few short questions for your own evaluation

Recitations sessions to discuss (Q&A) the content of the Lectures, show examples, and discuss homework. We meet Tuesday and Thursday at 1.30 - 3.00 pm (aiming for 1h) in a zoom meeting room.

Office (zoom) hours additional opportunity for Q&A, PSet questions, etc. (see doodle pool)

Course Setup

Homework (50 pts) includes reading assignments and problem solving. Feel free to work in groups. Identify all contributors and submit your own work, i.e. not copies. One of 6 PSets will be forgiven (5 count 8 points each).

Paper presentation (20 pts) 20min presentation of a paper of your choice (with instructor approval) and 10 min of Q&A (in groups of two)

Two Oral exams (30%) 20min Q&A with the teaching staff

Grading Scheme

Conversion from points to letter grades will not be more strict than

>85%

A/B divide

>70%

B/C divide

>60%

C/D divide

<50%

F

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