

PHYS 5213/4213: Nuclear/Particle Physics, Autumn 2021

Instructor: Professor Chung Kao

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Office Hours: Monday 3:30 PM–5:30 PM

Class Time

August 23–December 10, 2021

MW 10:20 AM–11:35 AM in Nielsen Hall 103

Text: *Introduction to Elementary Particles*, by David Griffiths,

Publisher: Wiley-VCH; 2nd edition.

Supplementary Texts:

Quantum Field Theory and the Standard Model

written by Matthew D. Schwartz, published by Cambridge University Press.

Exams

Midterm Exam: October 06, 10:10 AM–11:50 AM (Wednesday in NH 103)

Final Exam: December 15, 08:00 AM–10:00 AM (Wednesday in NH 103)

Problem Sets

A problem set will be handed out each Wednesday and it will be due at the beginning of lecture on the following Wednesday. NO late problem sets will be accepted.

Grading

Problem Sets	25%
Midterm Exam	25%
Term Paper	10%
Final Exam	40%
Total	100%

My expectations:

1. Always come to class and be prepared to discuss physics.
2. Complete assignments fully and on time.
3. Participate in class discussions and problems.
4. Cooperate with classmates, encourage them, and treat them with respect.