

Instructor: Professor T.E. Clark

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Office Hours: Wednesday 2:00-3:00 p.m.

Class Hours: M,W 3:30-4:45 p.m.

Class Room: Room 110, Physics Building

Lecture Notes: on the web

Text: **An Introduction to Quantum Field Theory** by M.E. Peskin and
D.V. Schroeder

Also recommended: **Quantum Field Theory** by L.H. Ryder

Homework: Specific reading assignments will be given supplementing the lecture material covered in class.

Homework problems will be assigned regularly. Problem solving is an **essential** part of this course. You should discuss the problems with each other or even work in groups if you feel this is useful for solving the exercises. It is important to work on the problem sets as they are assigned, they should not be put off for a long period of time. They cannot be completed the evening before they are due. The homework will further your understanding of the material covered in lecture in an indispensable way. It is also useful to get in the habit of writing the problem solutions in a clear and neat fashion. Your fellow students should be able to read, follow and understand the solutions. If the homework is not presented in a professional manner you will lose grade points. No late homework sets will be accepted and a score of 0 will be given for the late homework sets.

Grades: Your course grade will be based on the scores for the homework sets. The new plus-minus letter grades will be used.