

Syllabus, Analysis II, Spring 2005

- INSTRUCTOR:** Yung-fu Fang,
- OFFICE:** MATH Building rm 210,
- OFFICE PHONE:** 275-7575 ext 65131
- Email Address:** yffang@mail.ncku.edu.tw
- URL:** <http://math0.math.ncku.edu.tw/~fang>
- LECTURE:** Wed 15:10 - 17:00, Fri 10:10 - 11:00, Classroom: 3177
- OFFICE HOURS:** Mon, Wed, Fri 12:10 - 13:00
- TEXTBOOK:** *Real Analysis (Chapter 8 - 13)*
by H.L. Royden, Third edition
- Ch.08 Topological Spaces
 - Ch.09 Compact and Locally Compact Spaces
 - Ch.10 Banach Spaces
 - Ch.11 Measure and Integration
 - Ch.12 Measure and Outer Measure
 - Ch.13 Measure and Topology
- GRADING:** There will be a Final exam worth 40% points;
Homework sets worth total 60% points.
- REMARKS:** Homework assignments are the problems numbers of $4n$
and it will be collected one week after the end of each chapter.