Physical Chemistry Special Topics:

Diffraction Analysis

Summer 2011

Instructor: Dale C. Swenson
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Text: Crystal Structure Analysis: Principles and Practice
Ed. W. Clegg, Oxford University Press,
ISBN 0 19 850618 X

Grading: 6 assignments, two exams
one semester project (for 3 credit hours)

Disabilities: Any student with special needs due to
a disability should contact the instructor
as soon as possible.

Goals and objectives: This course is an introduction to x-ray diffraction
analysis with emphasis on the practical aspects of
single crystal methods. Topics range from growing the
single crystal, collecting and processing the data,
solving and refining the structure to preparing a CIF
for publication.

Location/Time: E215 CB Tuesday, Thursday 5:30-7:30