Practical Nuclear Magnetic Resonance Spectroscopy
1. Course information:
Course number: F419 2 credits Offered Spring semesters
Prerequisites: CHEM 321 or instructor permission
Location: Lectures will be in REIC 207 Labs will be in REIC

9. Course policies:
Attendance at all lectures and scheduled lab times is expected and required. For
the research projects, NMR usage will be scheduled based on need and availability of
the instruments. When students sign up for an NMR time slot they are expected to use
that time.
For all instrument use, students are expected to schedule time to come in on
their own to use the NMR for the lab activities or projects. The three lab activities are
each scheduled for two weeks to allow students ample time to get familiar with the
instrument and complete the expectations of the activity. Time for the labs and project
is expected to average 3 hours per week, but will be scheduled based on student and
instrument availability. Total lab time for the semester should not exceed 42 hours.

Late Work: All work is due by the end of the business day on the due date of the
assignment. Any work turned after that will be penalized 10% per weekday until it is
turned in. No matter how late, work may always be turned in and is worth up to one (1)
point.

10. Evaluation:
x 8 homework assignments (20 points each): 160 points total
x Final Project Presentation: 100 points
x 3 Labs (60 points each): 180 Points total
x Final exam: 100 points
x Participation: 60 points (based on attendance and involvement with class
discussions)
x Total Points: