

# Fall 2019 Chemistry 1266: Methods in Inorganic Chemistry

This is a team-taught course on physical methods in inorganic chemistry.

## Grading

presentations 40%, abstract 5%, assignments (5 x5) 25% final 30%

Each Professor will provide a short assignment, due a week after their last lecture.

## Abstract and Presentation

Students are asked to present a paper in which non-routine, characterization techniques are exploited. (20 min including 5 minutes for questions).

1 pg abstract and lead references

Abstract due Nov 26; Seminars: tentative date: Nov 28

## Final Exam

3 h Apr 23, location TBA

**Location: Stephan Group Room Davenport 466 Time: Thursdays 4-6 pm.**

**Sept 12/19: DWS; Mossbauer, NMR of paramagnetic compounds.**

**Sept 26/Oct 3: RM; Solution NMR Methods**

**Oct 10/17: UF; DFT, EPR**

**Oct 24/31 BK: electrochemistry**

**Nov 14 /21: GO; EXAFS, XPS-UPS (NB Time and location to be determined by Prof. Ozin).**

**Nov 28 Student Presentations**

**Exam Dec 5**