

UNIVERSITY OF CALGARY
FACULTY OF SCIENCE
DEPARTMENT OF CHEMISTRY
COURSE SYLLABUS
WINTER 20171. **Course: NANS 599, Special problems in nanoscience & nanotechnology**

LEC	DAYS	TIME	ROOM	PROFESSOR	OFFICE	EMAIL	OFFICE HOURS
L01	MW	18:00-19:15	SA 147	Dr. J. MacCallum	BI 557	justin.maccallum@...	By appointment

Desire 2 Learn (D2L): NANS 599 L01 - (Winter 2017) – Special problems in nanoscience & nanotechnology
<https://d2l.ucalgary.ca/d2l/home/191714>

Departmental Office: Room SA 229, Tel: (403) 220-5341, e-mail: chem.undergrad@ucalgary.ca

2. **Course Description:** Presentation skills in the context of advanced topics in nanoscience and nanotechnology. This is primarily a practical course with relatively few traditional lectures. The focus is on both the theory and practice of effective scientific communication. Students will gain hands on experience through a series of in-class presentations, which constitute the bulk of their grade for the course.

3. **Recommended Textbook:** None

4. **Learning Outcomes:**

- Develop an appreciation for effective scientific communication and be able to articulate the importance of effective communication both for science at society at large.
- Learn the mechanics of software tools, such as Power Point, and use them effectively to refine existing presentations and to create new ones.
- Understand best practices for scientific communication as demonstrated through the effective critique of the work of others.
- Understand the curse of knowledge and demonstrate the ability to recognize and mitigate its effects.
- Create informative, engaging, and effective presentations.
- Understand the importance having a clear purpose behind a presentation and knowing who your audience is. Demonstrate by making appropriate choices during in-class presentations.

