1. Course: NANS 599, Special problems in nanoscience & nanotechnology

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<td>L01</td>
<td>MW</td>
<td>18:00-19:15</td>
<td>SA 107</td>
<td>Dr. J. MacCallum</td>
<td>BI 557</td>
<td>justin.maccallum@...</td>
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<td>TA: Nicolas Macia</td>
<td>SB 05</td>
<td>nmacia@...</td>
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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. Topics Covered: Understanding of theory and practice for scientific communication.

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.

Department Approval____________________________________________Date__________________________