Before lecture:

1. print this page.
2. distribute handouts. In place even before.
3. set up video camera
   & speaker.
4. set up projector

Lecture:

0. video recording does not suggest quality.
   The presence of a color handout does not
   suggest that we will follow it.
1. a word about the overall subject “expansions”
   Much like Taylor, have power (approximate,
   base solving, carriers of comb. information)
   & weaknesses. A little more surprising is
   their depth.
2. the base plan: expansions are the thread
   connecting physics to topology to algebra.
   ... reality may be different.
   ... display the handouts.
3. Show of hands: How many of you, given a Lagrangian, would know why & how to write the corresponding “Feynman Expansion into Feynman Diagrams”? (... that would be our second topic ...)


(Then splash the CS path integral)

5. Go over Feynman diagrams in $\mathbb{R}^n$. The Fourier way, inquire whether to port the Fourier transform for Gaussians.