LTCC Basic Pure Course

- Title: **Algebraic Topology**
- Basic Details:
  - Core Audience: Pure Mathematics
  - Course Format: Core (10h)

- Course Description:
  - Keywords: algebraic topology, homology, homotopy
  - Syllabus:
    1. Functors, topology and algebra
    2. The fundamental group, homotopy
    3. The classification of surfaces
    4. Singular homology
    5. Applications

- Format:

  - No. of problem sheets: 4
  - Necessary support facilities: Data projector
  - Proposed timing: late autumn 2009

- Lecture details:
  - Lecturer: Luke Hodgkin, KCL