Here is a summary of the most crucial information of this class.

- **URL:** http://homepage.ntu.edu.tw/~cjtsai/teaching/14dg.html
    or https://ceiba.ntu.edu.tw/1031dg

- **Classes:** Wednesday, 16:30~17:20 and Friday 10:20~12:10 at Astro-Math 102
    (星期三第 8 節和星期五第 3、4 節)

- **TF:** 蔡忠潤 Chung-Jun Tsai, Astro-Math 458, cjtsai@ntu.edu.tw

- **Office hours:** Tuesday 16:00~17:00 or by appointment

- **References:**

    1. Clifford Taubes, *Differential geometry. Bundles, connections, metrics and curvature.* Oxford University Press, Oxford, 2011.

    2. Manfredo do Carmo, *Riemannian Geometry.* Birkhäuser Boston, Inc., Boston, MA, 1992.

    3. Jeff Cheeger and David Ebin, *Comparison theorems in Riemannian Geometry.* North-Holland Publishing Co., Amsterdam-Oxford; American Elsevier Publishing Co., Inc., New York, 1975.

    4. Frank Warner, *Foundations of differentiable manifolds and Lie groups.* Springer-Verlag, New York-Berlin, 1983.

- **Grades:** Homework=30%, Midterm=30%, Final=35%, Course Participation=5%.

- **Homework:** Homework will be assigned weekly (every Wednesday). It is due on the next Wednesday. Late homework will get less credit. After rescaling to 100 points, the late penalty is −4 points per day. You have three jokers: the lowest three grades will be discarded.
  每週三會有一份習題，規定於一週後交。如果遲交，分數會打折。在調整回百分制後，每遲交一天扣 4 分。在計算學期成績時，最低分的三次成績不列入計算。

- **Course Assistant:** 孫有慶 Yu-Ching Sun, Astro-Math 445.

- **Midterm:** Potentially, it will be held during the class of November 14th.
  期中考預計是在十一月 14 日的課堂上舉行，視情況可能提前或延後一周。

- **Final:** The final exam will be held on January 16th.
  期末考定在一月 16 日。期末考範圍為整學期的內容。

- **Self-Studying Week:** We will not have any lecture during the week after the midterm.
  期末考之後一周為自主學習週，該週我們不上課。你可以利用該週喘口氣，或是回顧前面所學、或是自由探索相關題材。