Class project: Perform a library literature AND web search on carbon nanotubes to find basic information on (i) crystalline structure; (ii) dimensions; per unit length density; (iv) mechanical properties (such as tensile strength, Young’s modulus, etc).

Get started by calling a meeting of all students in the class to coordinate your efforts, devising a strategy, defining and then assigning tasks, and setting appropriate deadlines.

A written report not more than 6 pages in length is to be prepared and handed in at my office (Hopeman 304) by 5 pm, Monday, 13 September. The report should include a bibliography of 5 to 10 good journal articles, book chapters, web sites, and other references of technical information about nanotubes.

My expectations for the amount of data and information collected will depend on the class enrollment.

The August, 2004 issue of IEEE Spectrum has an article (pp 40 to 45) that may serve as a starting point for your literature search:

www.spectrum.ieee.org/WEBONLY/publicfeature/aug04/0804tube.html