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“Science is about knowing, engineering is about doing.”-Henry Petroski. The two quotations given above (both taken from our Top 10 Engineering Quotes) succinctly sum up the difference between science and engineering. They reinforce the idea that science is a tool of engineering, but science and engineering each have their own distinct goals.

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Engineering. Engineering is based principally on physics, chemistry, and mathematics and their extensions into materials science, solid and fluid mechanics, thermodynamics, transfer and rate processes, and systems analysis.

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Engineering is an important and learned profession. As members of this profession, engineers are expected to exhibit the highest standards of honesty and integrity. Engineering has a direct and vital impact on the quality of life for all people.

**Engineering - Wikipedia**

This 10-part video series, produced by NBC Learn and NBC Sports, in partnership with the National Science Foundation, explores the science, technology, engineering and math at the 2014 Olympic Winter Games.

**Science and Engineering of the 2014 Olympic Winter Games**

Though engineering is a science, there are several things that set it apart as a field. 1. Scientists observe the world, while engineers focus on creating. While both fields do involve observation and

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