

<b>Scientist</b>	<b>Engineer</b>
<p>A scientist is someone who studies and/or discovers scientific facts.</p>	<p>An engineer is someone who, with the knowledge of scientific facts, designs practical devices.</p>
<p>A scientist discovers electricity, circuits, and the wavelength spectrum.</p>	<p>An engineer takes this knowledge and designs radios, TVs, and x-ray machines.</p>
<p>A scientist discovers the laws that govern our universe.</p>	<p>An engineer utilizes the laws discovered.</p>
<p>A scientist seeks to understand nature at its core, to get to the fundamental essence. To do this, the scientist typically strips away extraneous effects and dives deeply into a very narrow element of nature. And from this look comes what is known as the laws of nature.</p>	<p>Engineers live with (work within) the laws of nature. They have no choice. An engineer's goal is to design things that work within what nature allows. To do this, engineers have to predict the behavior of systems. Engineers ask: "How do we understand and predict the behavior of systems in which all the laws of nature apply everywhere all the time?"</p>