

# Time, Space & Relativity: Dream

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In the early morning of the 21<sup>st</sup> of December 2015, I had a dream I was a professor of Physics at a large University. I was to teach a lecture class to some 300 students in a large auditorium. My task was to simply all of the laws of physics into a few major ideals so the students would have a guiding 'concept' of physics as a context for future understanding.

## Three Units of Measure

I walked from the side of the large auditorium to the podium. The auditorium was filled with mostly young students who appeared to be just out of high school. I then used an electronic white board connected to a projector to write.

$$E=MC^2$$

I then began to explain that the E stood for energy and the M for mass. The C stood for the speed of light that was squared. I then explained the units of measure for each of the concepts of energy, mass and light in metric units. For energy, it was joules which is the force needed to lift one kilogram of mass one meter up from the earth in one second. The mass of M was measured in kilograms and the speed of light C was measured in meters per second.

## Compound Units of Measure

I then said this is the core of all Newtonian physics. Even acceleration is a change of speed per second also measured in meters per second. I then began to show on the white board all of the more complicated units of measure used in physics composed of just these three units of seconds, kilograms and meters. Even volume units of measure are based in meters. All units of measure are built from these three simple easy to understand units of measure we use every day. I then added that all that is involved in physics is in visualizing the interactive relationship of mass, distance and time to understand physics.

I concluded this lecture (in this dream) by saying, "If you can manipulate mass and distance, you can change time. If you can manipulate distance and time, you can change mass. If you can manipulate mass and time, you can change distance. If you ever achieve this, does that make you a god?"

## Thoughts

I received this dream on the same night I received the "Video on the Hand" dream. The video on the hand dream is the viewing and changing of events in the past, present and future. This does not make me a god but does show that the concept of changing time is not an obstacle even within the Newtonian laws of physics.