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Studying materials science and engineering gives you a good understanding of scientific structures and you'll be able to choose modules that relate to your areas of interest. You'll also develop a strong set of transferable skills which are highly valued by employers.

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Jomary Mercado-Montijo is a Ph.D. student in the Andrew Research Group, National Science Foundation Research Fellow and first-generation college student. Read More Spotlight Developing the next generation of leaders in materials and nuclear sciences and engineering through cutting-edge education programs, by performing high-impact research that ...

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What is materials science and engineering? This is a question all of us in our 25-student graduating class are asked many times. At its core, materials science and engineering is combining atomic structure, manufacturing processes, chemistry and mechanics of materials to determine their final properties.

Spotlight: Materials Science and Engineering **at** Cornell ...

In the reading for this lesson, materials science is defined as investigating relationships between structures and properties of materials, and concern with the design/development of new materials. Materials engineering is defined as the creation of products from existing materials in the development of new materials processing techniques.

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The interdisciplinary field of materials science, also commonly termed materials science and engineering, is the design and discovery of new materials, particularly solids.The intellectual origins of materials science stem from the Enlightenment, when researchers began to use analytical thinking from chemistry, physics, and engineering to understand ancient, phenomenological observations in ...

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