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Metallurgy is a domain of materials science and engineering that studies the physical and chemical behavior of metallic elements, their inter-metallic compounds, and their mixtures, which are called alloys. Metallurgy encompasses both the science and the technology of metals. That is, the way in which

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science is applied to the production of metals, and the engineering of metal components used in products for both consumers and manufacturers. Metallurgy is distinct from the craft of metalworking.

~~Metallurgy – Wikipedia~~

Metallurgy is the part of materials science and materials engineering that studies the physical and chemical behavior of metallic elements, their intermetallic compounds and their alloys.

~~The Relevance of Metallurgy in Engineering and ...~~

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Metallurgical and Materials Engineering is a diverse and interesting specialty that impacts nearly every

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Materials and Metallurgical Engineering is a Stress Engineering specialty that is critical in widely diverse fields such as packaging, pipelines, oil and gas production, chemical plants, industrial equipment, plastics, and biomedical devices. In fact, the performance of materials is the basis of virtually all engineered products and processes.

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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 metallurgy and mineralogy .

~~Materials science - Wikipedia~~

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Metallurgical & Materials Engineering encompasses three inter-related engineering disciplines: mineral processing, extractive (or process) metallurgy, and materials science and engineering.

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