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that studies the physical
and chemical behavior of
metallic elements, their
inter-metallic
compounds, and their
mixtures, which are

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Materials Engineering program is to provide undergraduates with a fundamental knowledge base associated with materials-processing, their properties, and their selection and application.

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domain of materials science and engineering that studies the chemical behaviour 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 science is applied to the production of metals,

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and the engineering of metal components used in products for both consumers and manufacturers.

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Metallurgy is a field of material science and engineering that studies the chemical and physical behavior of metallic elements, intermetallic compounds, and their mixtures, which are called alloys. These metals are widely used in this kind of engineering

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because they have unique combinations of mechanical properties (strength, toughness, and ductility) as well as special physical characteristics (thermal and electrical conductivity), which cannot be achieved with other materials. In addition to thousands of traditional alloys, many exciting new materials are

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Metallurgical engineering is an area concerned extracting minerals from raw materials and developing, producing, and using mineral materials. It is based on the principles of science and engineering, and can be divided into mining processes, which are

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