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studies the physical
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of metallic elements,
their inter-metallic
compounds, and their
mixtures, which are
called alloys.

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encompasses both the
science and the
technology of metals.
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which science is
applied to the
production of metals,
and the engineering of
metal components
used in products for
both consumers and
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are core branches of

engineering that deal

with the study of

minerals, their

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Metallurgy is distinct from the craft of metalworking.

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manufacturing
processes which
convert raw materials
into useful products
adapted to human
needs. The primary
goal of the
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students with a
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materials-processing,
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their selection and
application.

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metals. It can be

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