

Principles of Ceramics eLearning | Hands-On, Interactive Multimedia

Principles of Ceramics - WXML206-XX01XEN-E1

Objective 1: Define Ceramics and Explain Its Importance

Advantages of Ceramics

Ceramics are key materials used by many industries because their raw materials are abundant in nature and so are readily available. These materials include feldspar, silica, and alumina.

Another significant advantage is that the energy required to extract and process ceramic materials is less than that required to obtain steel. This makes ceramics less expensive to extract and process.

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eLearning Course: MXML206

Ceramics are inorganic compounds consisting of nonmetals processed at high temperatures. Ceramic materials are more abundant than metals and are widely used because of their excellent mechanical properties and low cost. The Principles of Ceramics eLearning introduces the importance, properties, processes, and skills of working with ceramics in industrial settings.

In-Depth Composites Curriculum

What are Ceramics? Why are They Important?

Ceramics are inorganic compounds consisting of nonmetals processed at high temperatures. Ceramic materials are more abundant than metals and are widely used because of their excellent mechanical properties and low cost. The term 'ceramic' comes from the Greek word for pottery, which is one type of ceramic material. However, many other types of materials are also considered ceramics, such as glass, concrete, brick, and porcelain.

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Principles of Ceramics eLearning Features Multimedia Curriculum

Amatrol's unmatched multimedia utilizes text, audio, and stunning 3D animations that engage learners in theoretical knowledge and concepts. This thorough, exceptionally detailed curriculum is built to begin with the basics and steadily advance to more complex concepts. Through partnerships with key industry leaders and leading edge educators, Amatrol developed the right balance of knowledge needed to train learners to work in their chosen field.

Additional Info

Requires:

- Computer (see [Computer Requirements](#))

Options:

- Amatrol SkillTrace Software (94-ST1)
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