



Faculty of Health, Science and Technology  
Materials Engineering

# Course Reading

## Materials characterisation

Valid from 08/29/2022

**Course Code:** MTAD23  
**Course Title:** Materials  
characterisation  
**Credits:** 7.5  
**Degree Level:** Master's level

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### Books

Goldstein Joseph I (1992). *Scanning electron microscopy and x-ray microanalysis: a text for biologists, materials scientists and geologists*. New York: Plenum Press, cop.

Leng, Yang (2013). *Materials characterization: Introduction to microscopic and spectroscopic methods*. Singapore: Wiley

Speyer Robert F (1994). *Thermal analysis of materials*. New York: Dekker, cop.

Suryanarayana C, Norton M Grant (1998). *X-ray diffraction: a practical approach*. New York: Plenum, cop

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Approved by the Faculty Board of Health, Science and Technology 02/24/2022