Your do not have a BSc in Materials Engineering?

No worries… online learning tools

Not-Italian speaking students:

You can find the video lectures at Patrick Shamberger - YouTube

Intro to Materials (MEEN 222/MSEN 201, Texas A&M): Equilibrium Structures

04 crystal structure of metals

05 structure of ceramics

06 structure of polymers

07 phase diagrams

Intro to Materials (MEEN 222/MSEN 201): Imperfections and Mechanical Properties

All

Intro to Materials (MEEN 222/MSEN 201, Texas A&M): Functional Properties

All

And at https://drive.google.com/drive/folders/1ylgsteidqBbLQSZmYg6j4wxbOekpUlje?usp=sharing video lectures on metals.

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Introduction to polymer
Polymer properties
polymer crystallization
Glass transition temperature
Amorphous vs. crystalline polymers
Mechanical properties of polymers and the Stress-strain curve
Polymer viscoelasticity

https://www.youtube.com/playlist?list=PLEbdbXWE8jWytFdho9OhKkOauhiTvaBY8

Politecnico di Torino

Italian-speaking students:

Send an email to didattica.disat@polito.it requesting access to the video lessons related to the ‘Structure of Matter’ course, which is available on the TEAMS platform. Once authorized, students will find the TEAMS: COLL_LM Materiali – Integrazione Struttura della Materia, which includes lessons and a final self-assessment test.

The module ‘Scienza dei Materiali per Ingegneria’ (2a ed.), is accessible via the ‘eduopen platform’. It is necessary to log in with EDUGAIN/IDEM-GARR credentials, selecting Politecnico di Torino from the list of universities and logging in with POLITO credentials. Once completed, the self-assessment tests must be sent to the email address didattica.disat@polito.it.