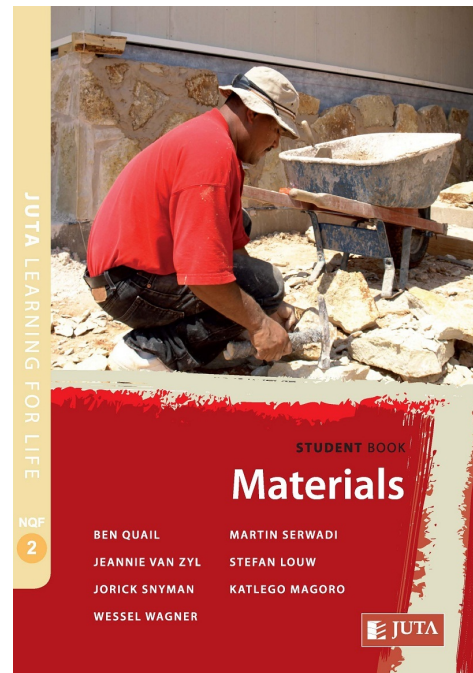


Materials

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About this Publication:

The Materials curriculum for FET NQF Level 2 ensures that all FET (NCV) students are equipped with the knowledge, skills, attitudes and values required to work effectively and efficiently in the field of Civil Engineering and Building Construction.

Lecturers have the assurance of knowing that this Student Book covers the entire curriculum. Activities have been carefully aligned to Subject Outcomes, Learning Outcomes and Assessment Standards, and graded to the appropriate level.

This title also offers a comprehensive Lecturer Guide that can be used in conjunction with the Student Book.

Contents Include:

These topics are fully covered

- Topic 1 Introduction to materials
- Topic 2 Basic geology concepts
- Topic 3 Soil and earth as a foundation and building material
- Topic 4 Masonry units (bricks and blocks)
- Topic 5 Cement and concrete
- Topic 6 Mortar
- Topic 7 Plaster
- Topic 8 Screeds and toppings

Of Interest and Benefit to:

To ease students' learning this Student Book has the following key features and benefits:

- Written in an easy-to-understand style to ensure that all students find the material accessible.
- Signposts the Subject Outcomes and Learning Outcomes that are covered in each chapter and every unit.
- Key terms are explained in the text and in a special margin feature, 'Words to know'.
- A variety of relevant, engaging and practical activities is offered – allowing for work with partners, groups and the class.
- Clear and accurate illustrations, diagrams and photographs are used throughout to increase understanding.
- 'Something to know' and 'Something to note' material supports the main text.
- Relevant case studies and professional tips prepare students for work.
- Summaries at the end of the chapter recap all the main points covered.
- Summative assessment tasks test students' understanding and highlight further development areas for lecturers.
- Regular checklists help students identify any areas that need attention.
- A comprehensive glossary explains all the most important terms used in the book, and in the subject.