

## DEPARTMENT FOR CONTINUING EDUCATION

Rewley House, 1 Wellington Square, Oxford, OX1 2JA  
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### READING LIST

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Course Title: Marvels of the Material World  
Location: Ewert House, Oxford  
Term Dates: 23 Jan 2020 to 02 Apr 2020  
Tutor: Olga Areshkovych

The reading list below was supplied by the course tutor.

If you have enrolled on a course starting in the autumn, you can become a borrowing member of the Rewley House library from 1st September. If you are enrolled on a course starting in other terms, you can become a borrowing member once the previous term has ended. For example, students starting in January can join the Library in early December and those starting in April can join in early March.

If you are planning to purchase any books, please keep in mind that courses with insufficient students enrolled will be cancelled. The Department accepts no responsibility for books bought in anticipation of a course running.

### Preparatory Reading List

*The items on this list are to give you some background to the materials and ideas that we will be covering on the course.*

Author	Title
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J.E. Gordon	<i>Structures, or why things don't fall down (1991)</i>
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J.E. Gordon	<i>The New Science of Strong Materials (1991)</i>
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### Course Reading List

*The items on this list are to support your learning while you are taking the course.*

Author	Title
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Agrawal, R.	<i>Built (2019)</i>
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Callister, Jr., W. and Rethwisch, D	<i>Materials science and engineering: An introduction (9th edition)</i>
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J. Gere	<i>Mechanics of Materials (2004)</i>
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M. Miodownik	<i>Stuff matters (2014)</i>
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Plokhly, S	<i>Chernobyl: History of a tragedy (2019)</i>
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R. Cotterill	<i>The Cambridge Guide to the Material World (1989)</i>
S. Timoshenko	<i>Theory of Elasticity (1951)</i>