



LUMEN – Loughborough University Mathematics for Engineers
(<http://lumen.lboro.ac.uk>)

LUMEN is an online distance learning course from the Mathematics Education Centre at Loughborough University designed to refresh and prepare students for studying university level engineering mathematics. It is primarily aimed at students who will be spending a year in industry (YINI) prior to further study but is open to learners who have appropriate mathematics prior learning. It is expected that you will have already studied the mathematics required to gain entry to a university engineering course (e.g. A-level mathematics or equivalent in the UK).

LUMEN covers the following topic areas – matrices, vectors, complex numbers, calculus, functions of several variables, applications of matrices, ordinary differential equations and the Laplace Transform. For further details see <http://lumen.lboro.ac.uk/offered>

LUMEN starts on 1 October 2015 and runs through to 30 June 2016. It is recommended you study for the whole of this period as extensions are not possible. The cost of the course is £120 payable in advance. You will have access to the course materials (online workbooks and tests) and a course tutor should you have queries that the materials do not answer. You are able to receive a Certificate of Achievement and a transcript of your test results across the course.

LUMEN is intended for students who wish to refresh the mathematics skills that they will need on an engineering course.

LUMEN is NOT intended for students who have not yet attained mathematics qualifications that would be suitable for entry to a university level engineering course.

For further information, please consult the LUMEN Frequently Asked Questions (<http://lumen.lboro.ac.uk/faq>).