

## exa.foundation - J276 MOOC

### Mapping the J276 Specification to topics on the J276 MOOC

Only 11 of the 19 sections listed by OCR in the specification are included in J276 MOOC. Only content believed by the authors suitable for teaching through a 'flipped-learning' style has been included on this MOOC. Content that is believed to be more suited to hands-on, practical, problem-solving lessons has not been provided for in this MOOC. While attempts have been made to establish the accuracy of the information presented here based on documents published on the OCR website, the authors accept no responsibility for the accuracy of this information.

**Teachers should still consult the necessary OCR documentation to familiarise themselves with the detailed requirements of the OCR J276 specification.**

<b>Specification Content</b> (as described in OCR Specification)	<b>Section in J276 MOOC</b>
1.1 Systems architecture	Topics 1 - 5
1.2 Memory	Topics 6 - 8
1.3 Storage	Topic 9
1.4 Wired and wireless networks	Topics 10 - 13
1.5 Network topologies, protocols and layers	Topics 14 - 18
1.6 System security	Topics 19 - 20
1.7 Systems software	Topics 21 - 23
1.8 Ethical, legal, cultural and environmental concerns	Topics 24 - 28
2.1 Algorithms	not included in J276 MOOC
2.2 Programming techniques	not included in J276 MOOC
2.3 Producing robust programs	not included in J276 MOOC
2.4 Computational logic	Topics 29 - 32
2.5 Translators and facilities of languages	Topics 33 - 35
2.6 Data representation	Topics 36 - 45
3.1 Programming techniques	not included in J276 MOOC
3.2 Analysis	not included in J276 MOOC
3.3 Design	not included in J276 MOOC
3.4 Development	not included in J276 MOOC
3.5 Testing and evaluation and conclusions	not included in J276 MOOC