



CAMBRIDGE TECHNICALS IN ENGINEERING

LEVEL 3 UNIT 10 – COMPUTER AIDED DESIGN
(CAD)

RESOURCE LINKS

Version 1

Contents

Utilisation of Google search for dimensioned engineering drawings	4
Computer Aided Design Guide	4
Learn SolidWorks	4
SolidWorks textbooks	4
Autodesk Inventor textbooks	4
Software tutorials	4
YouTube video tutorials	4

Introduction

Resource Links is an e-resource, provided by OCR, for teachers of OCR qualifications. It provides descriptions of, and links to, a variety of independent teaching and learning resources that you may find helpful.

In Resource Links you will find details of independent resources, many of which are free: where this is the case this has been indicated.

If you know of other resources you would like to see included here, or discover broken links, please let us know. We would also like to hear from you if you have any feedback about your use of these, or other, OCR resources. Please contact us at resources.feedback@ocr.org.uk.

We leave it to you, as a professional educator, to decide if any of these resources are right for you and your learners, and how best to use them.

Cambridge
TECHNICALS
2016

2016 Suite

- New suite for first teaching September 2016
- Externally assessed content
- Eligible for Key Stage 5 performance points from 2018
- Designed to meet the DfE technical guidance

TYPES OF RESOURCE

OCR Produced Resources

These are resources devised and produced directly by the Resources Development Team at OCR.

Publisher Partner Resources

For many subjects OCR works with a publisher partner to ensure that good quality resources such as textbooks are available for first teaching.

Whilst the publisher partner has access to our subject experts and we quality check and endorse these resources they are produced by, and remain the property of, the publisher partner. There is no financial link between OCR and its publisher partners and we do not pay for the development of, or receive any royalties from, these resources.

Endorsed Resources

These resources were produced entirely independently of OCR, but we have quality checked them for their suitability as a resource to support our qualifications.

Other Resources

Unless specifically stated these resources are completely independently produced and are not endorsed by OCR. We have looked at them though, and we think they could be useful in supporting our specifications.

We leave it to you, as a professional educator, to decide if any of these resources are right for you and your students, and how best to use them.

LINKS

Utilisation of Google search for dimensioned engineering drawings

A search on Google images can provide a range of dimensioned isometric or orthographic drawings that tutors or students can use to embed CAD tools taught in lessons.

Cost: Free

Format: Web page

<http://www.google.co.uk>

(search for isometric or orthographic dimensioned drawings)

Computer Aided Design Guide

Website with a wide variety tutorials for Cad users.

Cost: Free

Format: Web page

<http://computeraideddesignguide.com>

Learn SolidWorks

A website that offers tutorials and lesson on how to use SolidWorks.

Cost: Free

Format: Web page

<http://learnsolidworks.com>

SolidWorks textbooks

A search on Amazon will provide a wide variety of text books on how to use SolidWorks.

Cost: Varied

Format: Books

<http://www.amazon.co.uk>

Autodesk Inventor textbooks

A search on Amazon will provide a wide variety of text books on how to use Autodesk Inventor.

Cost: Varied

Format: Books

<http://www.amazon.co.uk>

Software tutorials

In-built tutorials are generally included within the software packages. These are a very good way of developing learners skills particularly in self-directed time to support lesson delivery.

Cost: Generally free with the software

Format: Digital tutorials built in to the software.

YouTube video tutorials

YouTube offers a wide range of video tutorials for most software packages.

Cost: Free

Format: Online video

<http://www.youtube.com>



We'd like to know your view on the resources we produce. By clicking on the 'Like' or 'Dislike' button you can help us to ensure that our resources work for you. When the email template pops up please add additional comments if you wish and then just click 'Send'. Thank you.

If you do not currently offer this OCR qualification but would like to do so, please complete the Expression of Interest Form which can be found here: www.ocr.org.uk/expression-of-interest

OCR Resources: *the small print*

OCR's resources are provided to support the teaching of OCR specifications, but in no way constitute an endorsed teaching method that is required by the Board and the decision to use them lies with the individual teacher. Whilst every effort is made to ensure the accuracy of the content, OCR cannot be held responsible for any errors or omissions within these resources.

© OCR 2016 - This resource may be freely copied and distributed, as long as the OCR logo and this message remain intact and OCR is acknowledged as the originator of this work.

OCR acknowledges the use of the following content:
Thumbs up and down icons: alexwhite/Shutterstock.com
Cover image: Semisatch/Shutterstock.com

Please get in touch if you want to discuss the accessibility of resources we offer to support delivery of our qualifications: resources.feedback@ocr.org.uk



Cambridge
TECHNICALS

Contact us

Staff at the OCR Customer Contact Centre are available to take your call between 8am and 5.30pm, Monday to Friday.

Telephone: 02476 851509

Email: vocational.qualifications@ocr.org.uk



For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored.
© OCR 2016 Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee. Registered in England.
Registered office 1 Hills Road, Cambridge CB1 2EU. Registered company number 3484466. OCR is an exempt charity.