

Engineering Science



This update contains information on any recent updates to documents for your subject along with further information and guidance.

I hope you find this information helpful, and please contact me if you have any questions.

Dave Main
Qualifications Manager

The Qualifications Team

Dave Main
Qualifications Manager

Anna Deacon
Qualifications Officer

Subject Review Report

The development and implementation of the whole suite of National Qualifications has been a huge programme of work dating from 2010 and included many stakeholders. As part of the review and evaluation of this programme, SQA has been engaging with teachers and lecturers on an ongoing basis, as well as gathering intelligence from the awarding and verification process. As a result of this work, SQA has created subject reports to give teachers and lecturers an insight into our planned incremental changes and further areas of investigation for each subject. Each report identifies the key issues for that subject and an associated action plan. Find out more information and what this means for your subject [here](#).

Planned changes to documents in session 2016/17

We have put in place an agreed schedule of planned changes to documents for session 2016/17.

| Publication date | Documents |
|-----------------------|--|
| End of April 2016 | Course Specifications, Course Assessment Specifications and Unit Specifications |
| End of May 2016 | Course and Unit Support Notes |
| End of August 2016 | Unit assessment support packs |
| End of September 2016 | Coursework assessment tasks, specimen question papers and exemplar question papers |

This schedule takes into account any necessary changes that are identified as a result of verification activities, the exam diet and feedback received from centres throughout the current session. It is anticipated that additional, critical changes may be identified for some subjects following the grade boundary meetings which take place during the summer months. Where such changes are identified, we will make further updates and publish these documents by the following dates:

| Publication date | Documents |
|-----------------------|--|
| End of August 2016 | Course Specifications, Course Assessment Specifications and Unit Specifications (<i>further critical changes only</i>) |
| End of September 2016 | Course and Unit Support Notes (<i>further critical changes only</i>) |

Changes to documents in April and May 2016

Please ensure that you read the following updated documents in preparation for session 2016/17. To help you quickly and easily identify what has been updated, for every updated mandatory document we have also published a comparison document that clearly illustrates the changes.

These are published alongside the updated documents on our subject pages at www.sqa.org.uk/nqsubjects

The Notification of Changes spreadsheets have also been updated to reflect the latest changes to documents. You can view these spreadsheets at www.sqa.org.uk/nqsubjectchanges

National 5 documents

Course Assessment Specification

Further information has been provided relating to section 2 of the question paper. Minor alterations have been made to some specific areas of content, to aid clarity. A reference to the Question Paper Brief has been added to the 'Structure and coverage of the Course assessment' section of the document.

Higher documents

Course Assessment Specification

Minor alterations have been made to some specific areas of content, to aid clarity. A reference to the Question Paper Brief has been added to the 'Structure and coverage of the Course assessment' section of the document.

Advanced Higher documents

Course Assessment Specification

Clarification has been given to the purpose of the Course assessment. Minor alterations have been made to some specific areas of content in both the Electronics and Control Unit and the Mechanisms and Structures Unit, to aid clarity. A reference to the Question Paper Brief has been added to the 'Structure and coverage of the Course assessment' section of the document.

Further information and guidance

Coursework assessment

Centres are reminded that, for National 5 and Higher, they must use the bank of Course assignments and for Advanced Higher, the project assessment task — these can be found on our secure website. These assessments must be delivered as they are and the Marking Instruction cannot be altered. Changes can alter the demand and may lead to marks becoming unavailable to candidates, to their detriment.

Possible impacts:

Change to Marking Instructions — a 'not accepted' verification result, the need to re-mark the candidate's work and a delay in certification.

Change of task — a ‘not accepted’ verification result, the need to undertake an extensive re-mark of the candidate’s work (where upper mark bands may not be available because of the changes made) and a delay in certification.

Understanding Standards programme

Our Understanding Standards programme will continue in session 2016/17 when we will publish more candidate evidence and commentary materials. We will also deliver a series of Understanding Standards events on Course assessment and continue to deliver subject-specific continuing professional development (CPD) webinars online, subject to request. In addition to this, throughout the session we will gather and publish assessment case studies to share good practice in assessment.

To access candidate evidence and commentaries for externally assessed Components of Course assessment, visit www.understandingstandards.org.uk

Candidate evidence and commentaries for Units and internally assessed Components of Course assessment are available from our secure website.

For more information on Understanding Standards, visit www.sqa.org.uk/understandingstandards

Verification Key Messages

Key messages from round 1 of verification in session 2015/16 are available from the relevant subject pages of our website at www.sqa.org.uk/nqsubjects. You can access them from the ‘Verification and Course Reports’ heading in the Assessment Support section.

Key messages from round 2 will be published over the summer.

Looking ahead to session 2016/17

Continuing Professional Development (CPD) training

We are still offering free CPD training for teachers and lecturers, where particular areas of concern are identified which are not addressed by the Understanding Standards programme. This CPD support is subject-specific and is tailored to cover one or more qualification levels according to requirements.

Where there is sufficient demand, we may deliver CPD training through online webinars and, where appropriate, publish the recordings and related materials on our website after the webinar has taken place.

Stay informed

Subscribe to our newsletters

We currently issue two key newsletters for teachers and lecturers:

-
- Centre News (weekly)
 - New National Qualifications update (monthly)

Both of these newsletters contain the latest news and updates for the National Qualifications. Centre News also includes subject-specific news and a regular reminder of key dates during the session.

To subscribe to our newsletters, visit <http://mailer.sqa.org.uk>

Visit your subject pages

Make sure you regularly visit your subject pages, where you can access documents and assessment support materials for your Courses, Verification Key Messages and information on Coursework. You will also find the latest news updates for your Courses in the 'Updates and announcements' section.

Visit www.sqa.org.uk/nqsubjects

Sign up to MyAlerts

To receive e-mail alerts when content you are interested in has been added to, or updated, on our website, subscribe to MyAlerts at www.sqa.org.uk/myalerts

Follow us online

Twitter: [@sqanews](https://twitter.com/sqanews)

Facebook: [Scottish Qualifications Authority](https://www.facebook.com/ScottishQualificationsAuthority)

LinkedIn: [Scottish Qualifications Authority](https://www.linkedin.com/company/ScottishQualificationsAuthority)

YouTube: [SQAonline](https://www.youtube.com/SQAonline)

Contact us

For centre enquiries, please contact our Customer Support Team:

Tel: 0303 333 0330

Fax: 0345 213 5000

E-mail: mycentre@sqa.org.uk