ALS Regulations
October 2017

1 General

1.1 All Educators, Course Directors, Instructors and Instructor Candidates must abide by the Resuscitation Council (UK) (RC (UK)) Code of Conduct.

1.2 Instructors must be aware of and follow the recommendations in the statement ‘Disabled candidates attending RC (UK) courses’.

1.3 Instructors must be aware of and follow the recommendations in ‘Guidance for managing a candidate whose performance raises serious concerns for patient safety’. This provides guidance on how to assist course Medical Directors and faculty where there are concerns about a candidate’s clinical safety, to the extent that they may be a danger to patients.

1.4 The RC (UK) discourages the payment of honoraria and advises that, in the interests of probity, any such payment should be made through the organisation’s finance department.

2 ALS course centres

2.1 General information

2.1.1 Only an approved course centre may run the ALS course.

2.1.2 A course centre is regarded as the administrative centre from which the ALS course is organised, rather than the geographical location where a course is delivered or the person organising it. For example, an NHS Trust that has three hospital sites but organises courses centrally from one site need only register as one centre.

2.1.3 Where a course centre delivers a course at a new location, the course centre is responsible for ensuring that the facilities at the new venue are adequate.

2.1.4 The first course run by any course centre must be assessed by a Regional Assessor who must be present for the entire course. The date of the centre’s first course must be set in liaison with the Regional Assessor. A full faculty list and programme must be sent to the RC (UK) for this first course at least six weeks prior to the start date of the course.

2.1.5 If a course centre does not run a course for more than two years, its approval will lapse and a new application must be made to the ALS Subcommittee.

2.1.6 Where concerns about individual course centres have come to light, the centre may be re-assessed and reviewed at any time at the discretion of the ALS Subcommittee.

2.1.7 The ALS Subcommittee reserves the right to revoke course centre validation.

2.2 New centres

2.2.1 Applications to become a course centre should be made in writing to the RC (UK) using the ‘Course Centre application form’.

2.2.2 Applications will be reviewed by the ALS Subcommittee.

2.3 Centre reassessment

2.3.1 A course centre must be reassessed by a Regional Representative at least every four years or sooner if requested by the ALS Subcommittee. For further guidance please see the document ‘Role of the Regional Assessor’.

2.3.2 The RC (UK) will pay all reasonable expenses for ALS Regional Assessor. The Regional Assessor should claim these from the RC (UK) rather than the course centre.

2.3.3 A Regional Assessor may assess a 2-day, e-learning 1-day face-to-face, or modular course. If reassessing the 2-day course the Regional Assessor may choose to attend for one day only (unless the centre is running a course for the first time – see 2.1.4). Whilst reassessing a centre the Regional Assessor may teach on the course but must not be counted as one of the faculty number.
3 Course organisation

3.1 Candidate eligibility

3.1.1 The ALS course is designed for healthcare professionals who would be expected to apply the skills taught as part of their clinical duties, or to teach them on a regular basis. Appropriate participants include doctors, paramedics and nurses working in acute care areas (e.g. ED, CCU, ICU, HDU, operating theatres, acute medical admissions units) or on resuscitation / medical emergency / ICU outreach teams.

3.1.2 All applicants must hold a professional healthcare qualification or be in training for a professional healthcare qualification.

3.1.3 Doctors undertaking clinical attachments who wish to apply for hospital posts where they might be expected to lead a resuscitation team are suitable candidates for the ALS course. Please refer to the ‘Position Statement on Clinical Attachments as ALS candidates (revised 2014)’.

3.1.4 Medical students should be encouraged to complete an ILS course in the first instance. Medical students in their final year of training can be accepted as candidates on an ALS course if this is an established local arrangement.

3.1.5 Candidates are only eligible to attend the recertification course if they hold or have held a valid ALS provider certificate and it is the Course Director’s responsibility to check the ALS certificate is valid. Candidates must attend a full ALS course and not a recertification course if more than a year has elapsed since the expiry date of their ALS provider certificate.

3.1.6 A candidate must attend the entire face-to-face element of the ALS course (regardless of type) in order to complete the course. If a candidate misses an element of the course for a legitimate reason they may be permitted to complete the missed element on another course within three months, provided they have passed all the assessment components during the course. Alternatively, at the Course Director’s discretion, a candidate may be permitted to complete a missed element on the existing course but this must not detract from their engagement with other elements or from teaching provided to the other candidates.

3.1.7 Candidates who have attended the entire course and completed all the assessments successfully will receive the RC (UK) ALS provider certificate. It is valid for four years.

3.1.8 Candidates with a disability are eligible to undertake the RC (UK) ALS course. Please refer to the ‘Position Statement on Disabled Candidates attending RC (UK) Courses’ for further guidance.

3.2 Pre-course organisation

3.2.1 The maximum number of candidates permitted on an ALS Provider course is 30. On a recertification course the maximum is 24. There is no minimum number.

3.2.2 Each ALS provider course date must be registered with the RC (UK). All course centres must upload and complete the course approval form on the LMS at least six weeks in advance of the proposed course date.

3.2.3 The Course Administrator must complete the course notification form thereby confirming and accepting responsibility that the centre will run the course in accordance with the criteria set out in these regulations.

3.2.4 A registration fee is payable for each candidate in addition to the cost of the course materials.

3.2.5 The RC (UK) will not provide refunds or credit on unused registrations. If a course is cancelled registrations can be transferred to a future course.

3.2.6 Course fees are set locally. These should take into account costs of running the course but also the current financial climate within the health system and the availability of funding.

3.2.7 Any profit made from courses should be used only for purposes directly related to resuscitation.

3.2.8 The ‘ALS course approval, registration and materials’ form must be completed on the LMS. Once the required information is received and checked, a course will be registered and made available to the centre on the LMS. Manuals will be dispatched once the course has been registered.

3.2.9 It is the Course Director’s responsibility to ensure that all Instructors are registered with the RC (UK) and have a valid ALS Instructor certificate.

3.2.10 Course Directors must ensure that faculty have access to the LMS and course materials prior to the course.

3.2.11 If, on any occasion the course criteria are not met, future courses at that centre may have their registration withdrawn or future registrations may not be accepted.
3.2.12 Course Administrators should only enrol a candidate on the LMS once they are confident that the candidate will be attending that course and anticipate no changes. Candidates receive instant access to the e-learning materials once they are enrolled.

3.2.13 Candidates should be given access to:
- e-learning materials
- course materials including those on airway management and high-quality CPR
- defibrillation assessment forms together with the guidance notes
- ALS manual

at least four weeks before the course start date.

3.2.14 Automatic notifications will be sent to candidates one week before they attend the face-to-face course to remind them that they must access all the e-learning modules and submit their completed pre-course MCQ paper before attending the face-to-face course.

3.2.15 Course Directors are strongly advised to check on all candidates’ progress on the LMS at least two days before the course. If a candidate on the e-ALS course has not accessed the modules or MCQ paper the centre should contact them urgently and remind them to do so before attending the face-to-face element.

3.2.16 Candidates should be made aware that the RC (UK) and course administrators are able to track whether they have accessed and completed the materials.

3.3 **Candidate preparation:**

**Course Centres must provide the following advice to candidates concerning pre-course preparation**

3.3.1 Candidates are expected to be competent in CPR prior to attending the course and to have prepared for the course by reading the manual and accessing the e-learning modules.

3.3.2 Candidates have a professional responsibility to act with probity. For example, where candidates are given study leave to attend an ALS course and/or have their costs paid by their employer or educational provider, employers and educational providers have a reasonable expectation that those candidates will prepare adequately for attendance at the face-to-face element of the course by reading the manual, accessing the e-learning materials and completing the pre-course MCQ paper. However, centres must not refuse candidates attendance at the course on the basis that they have failed to access all modules.

3.3.3 Candidates on the e-ALS course must be informed that the e-learning content replaces the first day of the traditional ALS course. There is no set minimum or maximum time that candidates are required to spend on the e-learning material. There are approximately seven hours of e-learning available. Candidates should undertake the e-learning component at their own pace prior to attending the face-to-face day. Candidates must be present throughout the face-to-face element of the course in order to complete it successfully.

3.3.4 The pre-course MCQ paper should be completed before the start of the course. The resulting mark does not contribute to the final course result. To complete the course, candidates must have a score for the pre-course MCQ paper.

4 **Faculty**

4.1 **Medical/Course Director requirements**

4.1.1 Each ALS course must be led by a Course Director and must have a Medical Director (who may also act as the Course Director). The Course Director and Medical Director, both of whom must have been approved by the RC (UK) to direct ALS courses, must be present throughout the course. At least one other medical Instructor must be present throughout the course. The ALS recertification course must be led by an approved Course Director who is supported by at least one medical Instructor.

4.1.2 Applications to become an approved Course Director or Medical Director should be made on the ‘ALS Provider Course Director Application form’\(^2\). To be eligible, Instructors must have taught on four courses as a full Instructor, three of which should be ALS courses approved by the RC (UK); the remainder may be EPALS / NLS / GIC / ETC / ATLS / APLS / ATNC courses. Four courses must have been in the last three years, and two of these courses must have been in the last year. References are required from a current RC (UK)-approved ALS Course Director.
4.1.3 The Course Director need not be medically qualified and is responsible for ensuring that the course complies fully with the ALS course regulations and for the smooth running of the course. If the regulations are not met, the RC (UK) may withdraw course approval retrospectively.

4.1.4 The Course Director must ensure that accurate records are kept during the course and is responsible for providing the Course Director’s report at the end of the course. Any incident or concerns should be dealt with locally and must be documented fully.

4.1.5 The Medical Director must be medically qualified and credible to fulfil the position of medical lead on an ALS course. Doctors must be four years post-qualification to be eligible for the role of Medical Director.

4.1.6 The Medical Director (if he/she is not also the Course Director) should work alongside the Course Director to ensure that the course is run in accordance with the regulations. The Medical Director has certain additional responsibilities as outlined in ‘Guidance for managing a candidate whose performance raises serious concerns for patient safety’ during RC (UK) courses.

4.2 **Instructor requirements**

4.2.1 Each course must have a multidisciplinary faculty.

4.2.2 A minimum of two of the faculty must be medically qualified, one of whom will be the Medical Director. Both must be present for the entire course. The second medical member must be a full ALS Instructor.

4.2.3 The RC (UK) strongly encourages all centres to reflect the constituency make-up of the candidate group within the faculty (e.g. 50% of a single profession within the candidate group supported by strong faculty representation from the same professional group). The benefits of multidisciplinary learning are maximised when this is achieved.

4.2.4 The number of Instructor Candidates (IC) on the faculty should not exceed one third of the total number of ALS Instructors, to a maximum of four. There is no limit on the number of recertifying Instructors.

4.2.5 At least 50% of the faculty should be present throughout the course.

4.2.6 There should be at least one faculty member to every three candidates for each day of the course. For example, a course running with 24 candidates requires a minimum of eight faculty members.

4.2.7 European Resuscitation Council and Australian Resuscitation Council ALS Instructors are eligible to instruct on ALS courses.

4.2.8 Instructors should teach on at least four courses in four years ideally spaced out over the 4-year period. It is recommended that one of these should be outside their home centre. Teaching on the 1-day recertification course or the e-ALS course is equivalent to one full course. One course in every two years can be a Generic Instructor Course (GIC).

4.2.9 If an Instructor does not teach for a prolonged period due to other commitments, but then wants to start again, he/she should apply to the ALS Co-ordinators. He/she will be asked to complete a ‘Lapsed Instructor form’ and return this to ALS@resus.org.uk.

4.2.10 It is recommended that Instructors should attend at least one Instructor Day every four years.

4.3 **Instructor recertification**

4.3.1 Instructors wishing to recertify may attend the entire 2-day ALS course, e-ALS course, modular course or 1-day recertification course. Recertification involves being assessed as an Instructor Candidate during delivery of a skill station and a CASTeach and being involved in an assessment station.

4.3.2 The skill station and CASTeach should be assessed formally using the appropriate forms.

4.3.3 Instructors who have not maintained their instructor status by teaching on four courses over four years must complete a ‘Lapsed Instructor form’ and submit it to the ALS co-ordinator at the RC (UK). Once reviewed and agreed, the lapsed instructor will revert to Instructor Candidate status. Full Instructor status will normally be achieved after the successful completion of two teaching practices. Once this has been achieved, their ALS Instructor status will be re-instated and be valid for four years from the date of completion of their second assessment. Please see ‘Instructor Status table’.

4.3.4 Instructors who have not recertified within one year of the expiry date of their Instructor certificate will be required to recertify as a provider. If recognised with instructor potential they can progress to undertake two IC teaching practices.
4.3.5 Instructors must be aware that their provider status is only valid as long as their Instructor certificate is in date. Once the Instructor certificate is out of date, provider status is no longer valid.

4.3.6 Instructors should keep a 'professional development record (PDR)'\(^2\). Section two of the PDR document must be presented to the Course Director when the Instructor attends for recertification.

4.3.7 Instructors may recertify on the Australian Resuscitation Council (ARC) or the European Resuscitation Council (ERC) ALS Provider courses. Instructors wishing to recertify on the ARC or the ERC courses must notify the RC (UK) prior to their recertification.

5 Programme
5.1 The course can be delivered in three formats: 2-day, e-learning plus 1-day face-to-face, or modular. The recertification course is delivered as a 1-day course.

5.2 Timing for the faculty meeting and registration at the beginning of the course should be decided locally.

5.3 The programme for the particular course model being used must be adhered to.

5.4 Within the programme the number of groups for each station is given as a guide. Centres may increase the number of groups if they have sufficient faculty, space and equipment up to the maximum number of 6 groups for 30 candidates.

5.5 The CASTeach sessions must be run sequentially so that all groups work through the simulations in the order designated in the standard programme.

5.6 The skill stations, workshops and CASTeach stations must be led by an ALS Instructor or an ALS Instructor Candidate under the direction of a full Instructor.

5.7 The course materials are provided by the RC (UK). Course centres must ensure that the latest versions of materials are utilised and presented in the most appropriate format.

5.8 Limited additional teaching material may be provided by course centres on the understanding that it is appropriate and clinically relevant.

5.9 The course centre must supply, as a minimum, the equipment detailed in the ‘Equipment list’\(^2\). If facilities allow, centres are encouraged to supply additional sets of equipment (e.g. airway station, associated skills station) to increase candidates’ exposure to the skills.

6 Assessment

There are four assessment components on the ALS Provider course: airway management, high-quality CPR and defibrillation, CAS Test, and MCQ.

6.1 Airway management and high-quality CPR and defibrillation

6.1.1 These skills are assessed using summative assessment during the respective skills stations and also throughout the rest of the course. At least one RC (UK) ALS Instructor, and one other member of faculty, who is either a full Instructor or an Instructor Candidate, must supervise these skill stations.

6.1.2 If a candidate fails to demonstrate competency in either of these skill stations, opportunities for additional practice and assessment should be provided during the course.

6.1.3 If a candidate has failed to achieve the competencies in either skills station by the time of the CAS Test, the candidate will fail the course and cannot re-sit these individual assessment components. In this situation, the candidate will not undergo the CASTest.

6.2 CASTest

6.2.1 CASTest: Formative assessment is made of all candidates using the standardised scenarios provided. All candidates must be tested initially using the same simulation as decided by the Course Director. Re-tests must use a different simulation (e.g. all candidates are tested using CASTest 2, all re-tests use CASTest 3).

6.2.2 At least one RC (UK) ALS Instructor, and one other member of faculty, who is either a full Instructor or an Instructor Candidate, must supervise this assessment station. At least one additional helper, who may be another Instructor/IP/IC or trained assistant, is required. Only a qualified ALS Instructor or Instructor Candidate (under supervision) may lead the simulation and assess the candidate.
6.3 **CASTest re-test**

6.3.1 Each candidate who fails their initial CASTest is entitled to a re-test. A different Instructor pair / group should assess the re-test. These are conducted using a different CASTest simulation selected in advance by the Course Director.

6.3.2 If a candidate fails the re-test they may be permitted to continue with the MCQ assessment if this has not been completed already.

6.3.3 If a candidate passes all other assessments but fails the CASTest despite re-testing they may be offered the opportunity of taking a third and final CASTest within three months. Rarely, the faculty may recommend that a candidate would benefit from taking the entire course again rather than a third attempt at the CASTest. The third CASTest may or may not be on a future course and the location of this should be determined locally.

6.3.4 If such a third CASTest is undertaken at a different course centre the original centre must be notified of the results so they can update the candidate’s final results on the LMS. The original centre must inform the RC (UK) of any updated results.

6.4 **MCQ**

6.4.1 MCQ papers must not be loaned or copied.

6.4.2 Candidates should notify the Course Director of any disability with regard to the MCQ before the start of the course and the Course Director should then make reasonable efforts to accommodate the candidate’s requirements.

6.4.3 A total of 60 minutes is allowed for the MCQ paper and the pass mark is 75%. The MCQ paper must be undertaken under exam conditions with an invigilator present.

6.4.4 Answers must be confined to the answer sheet provided and all question papers must be handed in.

6.4.5 Course centres must mark the MCQ answer sheets.

6.4.6 Candidates must use a black or blue pen or an HB pencil when filling in the answer sheet.

6.4.7 When the course centres mark the MCQ answer sheet a yellow highlighter pen must be used.

6.5 **MCQ re-tests:**

6.5.1 If a candidate passes all other assessments and fails only the MCQ paper they are entitled to re-sit a different MCQ paper under invigilated conditions within three months. If the candidate fails to achieve the pass mark on this occasion they have failed the course.

6.6 **Candidate recertification as an ALS provider:**

6.6.1 The ALS Provider certificate is valid for four years.

6.6.2 Providers may recertify in two ways, either by undertaking a full ALS provider course successfully or attending the ALS recertification course successfully.

6.6.3 Recertifying providers can be considered for Instructor Potential when attending the 2-day ALS Provider course, the 1-day e-learning Provider course or the 1-day recertification course but cannot do so until at least one year has elapsed after their initial Provider certification.

7 **Instructor Potential (IP) regulations**

*Creditibility and nomination process*

7.1 Candidates who show exceptional ability, aptitude and credibility may be considered for Instructor training (see ‘IP appraisal form’).

7.2 Candidates are eligible for consideration for Instructor training only after being nominated and seconded by Instructors at the final faculty meeting. The whole faculty should then discuss each nominated candidate’s performance using the ‘IP appraisal form and guidance’.

7.3 Recommendations for IP should ideally be unanimous, but if only one faculty member is opposed, the Course Director may make the final decision.

7.4 IPs should be encouraged to attend a Generic Instructor Course (GIC) as soon as practicable after nomination (subject to 7.5 below), but are eligible to undertake the GIC as long as they have a valid provider certificate (i.e. within four years of the date of the course where they gained IP recommendation).
7.5 It is strongly recommended that IPs gain experience by observing one ALS Provider course before undertaking the GIC.

7.6 Candidates who are considered for IP status on an ALS course must hold a professional registration (e.g. GMC, NMC, HCPC). Those candidates who only have access to a voluntary register (e.g. Clinical Physiologists, Physician’s Assistants), whilst able to undertake the ALS course if appropriate to their role, are not eligible for IP nomination at this time. If any group subsequently gains professional registration the decision for that group would be reconsidered by the ALS Subcommittee.

7.7 All IP Appraisal Forms must state the candidate’s professional healthcare registration number.

7.8 Those candidates who are already Instructors on another recognised provider course should be identified by the Course Director at the earliest opportunity. Should they express a wish to become an ALS Instructor they do not need to be nominated and seconded but should be assessed using the IP appraisal form.

7.9 Those recommended as having IP should be informed immediately after the course and issued with guidance for progression to the GIC.

7.10 All recommendations for IP must be marked clearly on the result sheet and named individually in the Course Director's report. Their names, contact email and registration number must be emailed separately to GIC@resus.org.uk to ensure that their details are added the GIC LMS.

7.11 Only in exceptional circumstances are more than three recommendations for IP expected from a course. The Course Director must justify in the written report a decision to recommend more than this number.

7.12 Those recommended as having IP and who have successfully completed an approved GIC (or ATLS / ATNC) may proceed directly to Instructor Candidate status. These candidates must also be included within the Course Director’s report and details must include the candidate’s professional registration number. Their names, contact email and registration number must also be emailed to GIC@resus.org.uk to ensure that they are entered on to the GIC LMS.

7.13 If a candidate is IPd on an ALS course and has previously completed (successfully) a GIC for a different provider course, but not gone on to become a full Instructor for that course, he/she does not need to repeat the GIC as long as the timeframe for that GIC is within two years of the ALS course date.

7.14 The ACLS Instructor certificate is not valid for entry at Instructor Candidate level.

8 Instructor Candidate (IC) regulations

8.1 General IC regulations

8.1.1 Instructor status requires a candidate to:
- complete successfully a provider course and be nominated as having Instructor Potential
- complete a GIC (or recognised equivalent) successfully
- complete two teaching practices as IC successfully.

8.1.2 Candidates are not permitted to undertake their provider, GIC and teaching practices at the same centre. A maximum of two of the three elements may be completed at the same centre. Please note that teaching practice(s) count as one element.

8.1.3 After successful completion of the GIC, all ICs must register to attend as IC on a maximum of two RC (UK) accredited Provider courses and teach satisfactorily on both before full Instructor status is granted and a certificate issued.

8.1.4 If the provider Course Director and faculty recommend unanimously after the first teaching practice that a second assessment is unnecessary, full Instructor status will be approved by the RC (UK) on receipt of the Course Director’s report.

8.1.5 All ICs have two years after successful completion of the GIC within which to undertake their IC placements. If a candidate is already an EPALS / NLS / ATLS / APLS / ATNC Instructor or IC, they should complete their teaching practice(s) within two years of either their ALS provider course or appropriate Instructor course, whichever is the most recent. Where there are exceptional circumstances that prevent this, the IC should complete the ‘Lapsed Instructor form’\(^1\) and email to ALS@resus.org.uk.

8.1.6 The precise nature of the two IC courses undertaken may consist of 2-day courses, e-courses or a mix of both, but inclusion of at least one 2-day course is strongly recommended to ensure that
Instructors have exposure to the full range of teaching materials. ICs may NOT teach on the recertification course.

8.1.7 The IC must attend the entire ALS provider course and must lead a skill station and CASTeach station and be involved in an assessment station. They must not lead a session unsupervised. They may give a lecture but this is optional and should not be included as part of their formal assessment. If the IC gives a lecture, feedback should be given using the ‘lecture evaluation form and matrix’\(^2\). It is strongly recommended that the IC attends all lectures.

8.1.8 The IC assessment forms must be completed for the skill station and CASTeach station by ALS Instructors nominated by the Course Director. These assessments must be discussed with the IC and a copy of the forms forwarded with the course returns.

8.1.9 In exceptional circumstances, it may be possible for the IC to complete one teaching practice on an Australian Resuscitation Council ALS provider course. ICs wishing to do this must contact the RC (UK) before making any arrangements.

8.2 Named centres

8.2.1 Only a GIC faculty may direct an IC to teach on course(s) at named centres. This decision cannot be revoked by the teaching practice centre.

8.2.2 The Instructor Candidate may be allocated one or two named centres which will usually be centres where members of the GIC faculty will be teaching and able to offer extra support for the IC.

8.2.3 The GIC and Instructor progress log must be referred to for confirmation of these details.

8.2.4 If an IC has been given one or two named centres the faculty on the first course is not permitted to allow the Instructor Candidate to become a full Instructor after only one teaching practice.

9 Post-course requirements

9.1 The ‘Final faculty form’\(^2\) must be completed on the LMS within one week of the course date.

9.2 The Course Director must complete the Course Director’s report on the LMS within one week of the course date.

9.3 The candidates’ results must be uploaded to the LMS within one week of the course date. Delays in providing certificates to candidates should be minimised.

9.4 The course centre must enter any re-test results on the LMS and inform the ALS Co-ordinators by email: ALS@resus.org.uk.

9.5 After the course, candidates must complete their course evaluation form on the LMS. Their course certificate will be released once this has been completed. The course centre will be able to access and export anonymised analysis to keep for reference.

9.6 The course centre must submit to the RC (UK) as soon as possible, and no later than one month after the course, all of the following:

- programme (including full details of Instructor and IC allocations for assessment stations)
- Instructor Candidate forms
- IP appraisal forms for all those recommended with the appropriate PIN
- post-course MCQ answer sheets.

9.7 If the final faculty, course requirements and administration do not comply with the criteria set down in these regulations and no reasonable explanation is given, future course registrations and course centre status will be reviewed.

9.8 The course centre should retain copies of all the paperwork. The duration of long-term storage of course records is a local decision. As a guide the RC (UK) retains course paperwork for a period of five years.

9.9 Instructors are strongly encouraged to download and review candidate feedback from the course as part of their PDR.

---

1 Found on the Resuscitation Council (UK) website: [https://www.resus.org.uk/information-on-courses](https://www.resus.org.uk/information-on-courses)

2 Found on the Resuscitation Council (UK) LMS: [https://lms.resus.org.uk/](https://lms.resus.org.uk/)