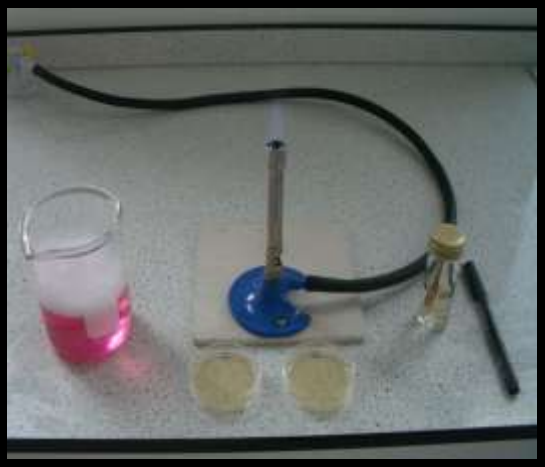
Technical support for microbiology Online

Email: courses@cleapss.org.uk Tel: 01895 251496

This three-hour online course covers the theory of how to prepare sterile resources for use, work aseptically, subculture microbes and dispose of microbiological waste.

Note: This although course is intended for technicians it is also suitable for teachers who wish to improve their understanding of this aspect of science teaching.



Topics covered include guidance reference:

- Principles of health and safety in microbiology (GL273)
- Making nutrient agar and nutrient broth (GL229)
- Sterilisation and disinfection (GL272 & GL275)
- Aseptic techniques (GL270)
- Sub-culturing (GL278 & GL279)
- Microbial cultures (GL274 & GL218)
- Incubating cultures (GL276)
- Making seeded pour plates and lawn plates (GL280)
- Disposing of microbiological waste (GL271)

This live session will be delivered via **Zoom** so you MUST have access to the following in order to participate: PC/Laptop/tablet with **webcam and a microphone**, the latest version of Zoom installed with a reliable broadband connection. (note: a mobile phone will not be suitable). A link to the zoom session will be sent 3 days in advance of the session.

We strongly recommend you test your ability to run Zoom before the course by clicking this link: https://zoom.us/test

In order to gain the maximum benefit from the training you will need to print a copy the course materials (Power Point handouts and the guidance documents in the 'topics covered' section above).

You will also need to bring the following equipment to the session (you do not need access to a lab for the course):

- A new roll of Petri dishes
- Tape (insulation)
- Scissors
- Permanent pen
- A paper towel (preferably blue)
- 2 small bottles with lids (e.g. universals or McCartney) fill one with water
- A sterile pipette/a pack of sterile pipettes (or a single non sterile pipette)

Participant numbers are limited to 20 in each session so there will be ample opportunity to ask specific questions.

This course can be followed up by our full day face-to-face microbiology course *Microbiology.*
The face-to-face course focusses on practicing core microbiological skills and aseptic technique. You will have the opportunity to prepare resources; carry out common classroom activities, such as investigating which antimicrobials affect the growth of microbes; see how equipment and resources can be prepared in advance; and deal with microbial waste.
Please see the course flyer on our website for further details and dates for this course.
There is no requirement to complete the *Technical support for microbiology* before attending the face-to-face course.

Duration: Half day Start 9.00am: Finish 1.00pm (approx.)

For details of the next scheduled course please see our website.

www.cleapss.org.uk