

Course	Dates Available	Duration	Recommended for	Course Description	Cost
Chemistry for non chemists	15,18 & 23 June 2009	9.30am - 4.30pm	Technicians and lab workers who have no knowledge of chemistry of who need a refresher	This is an intensive course to introduce chemistry to non chemists	£350 for 3 days lunch included
Biological Concepts	08 - 09 July 2009	9.30am - 4.30pm	Technicians and lab workers, teachers who teach Biology but it is not their subject specialism	This will cover some of the underlying concepts of Biology that make our body systems function	£250 for 2 days. Lunch included
Microbiology Week	13 - 17 July 2009	9.30am - 4.30pm	Technicians and teachers who would like to learn about the theory and practice of microbiology	This course will use the practice of Food Microbiology to learn and understand the theory of Microbiology. It will be an intensive course with a combination of practical and theory	£600 for 5 days lunch included
General Laboratory Safety	04 August 2009	10am - 4pm	Technicians lab workers teachers	General laboratory safety will be discussed, with reference to Safety in the physics lab, biology lab, and chemistry lab microbiology and cell culture	£130 including lunch
Project Management	10 - 11 August 2009	9.30am - 4.30pm	Technicians and lab workers	This will explore the life cycle of a successful project and how to manage time cost and quality. The course will be a mixture of lectures, practical exercises and case studies to reinforce learning	£250 for 2 days. Lunch included
Protein Expression and Purification	11 - 13 August 2009	9am - 5pm	Technicians lab workers teachers	This will be a combination of lectures and hands on practicals including protein extraction, affinity chromatography of extract, gel electrophoresis and Bradford Assay.	£350 for 3 days including lunch
Risk assessment and COSHH	18 August 2009	10am - 4pm	Technicians lab workers teachers	Details to follow	£130 inc lunch
Molecular Biology part 1	19 - 21 August 2009	9am - 5pm	Technicians lab workers teachers	This will be a combination of lectures and hands on practicals including extraction of DNA, restriction enzyme digestion and electrophoresis, PCR electrophoresis of PCR products, bacterial transformation, plasmid extraction and purification an introduction to bioinformatics.	£350 for 3 days including lunch
Molecular Biology part 2	26 - 28 August 2009	9am - 5pm	Technicians lab workers teachers	This will be a combination of lectures and hands on practicals including extraction of Protein electrophoresis (SDS PAGE) "D electrophoresis and iso electric focusing protein bioinformatics ELISA	£350 for 3 days including lunch
Report writing	01 September 2009	10am - 5pm	Technicians lab workers teachers	This will include the structure of reports, referencing, plagiarism, copyright, some work with Excel and charts, data analysis and display.	£130 inc lunch