

SUMMARY OF COURSE SYLLABI

INTRODUCTION TO ELEMENTARY SCIENTIFIC GLASSBLOWING

A beginner's course. The syllabus has been arranged to provide a simple basic training for technicians and scientists wishing to acquire a useful elementary expertise as an addition to other laboratory skills.

Also, when applied with emphasis on basic manipulative skills, this syllabus provides a progressive and interesting starting point for the apprentice glassblower.

- Bench lamp work practical examination.

HANDBURNER GLASSWORKING

This syllabus may be taught in conjunction with the Elementary syllabus on which to some small degree it is dependent; a combination of both will provide a much improved scope of simple basic techniques considered adequate to meet the needs of most technicians and scientists.

This course is also an essential preliminary to Lathe Glassworking.

- Practical examination.

SCIENTIFIC GLASSBLOWING STAGE ONE

Practical bench lamp work with a little theory. A progressive continuation and broadening of the work covered in the Elementary syllabus.

- Practical examination with a short written paper.

SCIENTIFIC GLASSBLOWING STAGE TWO

Practical bench lamp work with a little theory. A progressive continuation of the work covered in Stage One syllabus and a broadening of techniques.

- Practical examination with short written paper.

LATHE GLASSWORKING STAGE ONE

A basic course for beginners covering the first principles of glass manipulation using a glassworking lathe. Some theory is included and lathe care and maintenance.

- Practical examination with short written paper.

ADVANCED LATHE GLASSWORKING

Further development of Lathe Glassworking. This syllabus includes work of an appreciably higher standard than Lathe Glassworking Stage One. Some theory is included.

- Practical examination with short written paper.

STANDARD OF COMPETENCE

The Standard of Competence is accepted by the BSSG as qualification for Full Membership of the Society and application for full membership is implicit in the examination application form.

The practical work includes operations of a higher standard than Scientific Glassblowing Stage Two syllabus. However, the sizes of tubing to be manipulated remain quite reasonable, although some experience is desirable in handling longer lengths of tube and heavier pieces of apparatus. Some lathe work is included, but not appreciably higher than Lathe Glassworking Stage One syllabus in standard. The written paper is of a higher standard and greater breadth than the combined courses and includes a few of the more common techniques. The standard of the examination pass mark is higher than the normal course examinations.

The Standard of Competence provides a useful terminal course for full time glassblowing students dependent mainly on short courses to advance their knowledge of basic manipulative skills. Also, the examination may be used as a proficiency standard - a standard of competence.