

- (b) springing and suspension, single assembly, double assembly, rubber diaphragm, webbing; (c) fitting metal springs to:
 - (i) metal frames;
 - (ii) timber frames;
- 3. selection and use of filling materials including:
 - (a) prefabrication of foam parts using recommended adhesives;
 - (b) cutting of foam using recommended powered hand tools where appropriate;
 - (c) latex foam, plastic foam, material fibre, synthetic fibre.
 - (d) fabrication using foam.
- 4. measuring and cutting of material taking into account direction of pile, pattern, folds, etc.
- 5. safety procedures and regulations relevant to tools, equipment, behaviour and work.

Suggested
Learning
and
Teaching
Approaches

It is envisaged that the general teaching approach will be activity/workshop based and student centred.

The learning programme should interest the student and relate to a theme or vocational bias.

Critical skills and techniques should be demonstrated prior to student involvement.

Posters, information sheets, worksheets, workfiles, slides, films and video may be used to enhance the learning environment and process.

A set of completed exercises should be available for students to work to and compare standards.

A site visit to a foam conversion factory is recommended.

Safety, safe working practices, care and use of equipment should be an integral part of all module activities.

Assessment
Procedures

All Learning Outcomes must be validly assessed.

The student must be informed of the tasks which contribute to summative assessment. Any unsatisfactory aspects of performance should, if possible, be discussed with the student as and when they arise.

Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each Learning Outcome.

The following abbreviations are used below:

LO Learning Outcome
IA Instrument of Assessment
PC Performance Criteria

LO1 IA Written/graphics exercise.

PC The student should correctly:

- (a) state 3 types of timber, 3 types of joint and 3 types of adhesive commonly used in the manufacture of timber upholstery frames;
- (b) state 2 methods of manufacturing chair shells;
- (c) state a method of manufacturing a bedding frame;
- (d) select a frame or shell for a given purpose.

LO2 IA Practical exercise/observation checklist.

PC The student should correctly identify and install 1 metallic and 1 non-metallic suspension systems in an agreed time in which:

- (a) the functional dimensions are within specified tolerances;
- (b) quality is comparable with an agreed exemplar;

LO3 IA Practical exercise/observation checklist.

PC The student should select, cut and use correct filling material for a given item.

- LO4 IA Practical exercise/observation checklist.
- PC The student should correctly measure, mark and cut one upholstery cover to fit.
- LO5 IA Observation checklist used in conjunction with practical work in other Learning Outcomes:
- PC The student should:
- (a) wear all necessary safety clothing and equipment;
 - (b) behave in a manner appropriate to the working environment;
 - (c) use tools and equipment safely.