

2. selecting the most suitable tools for cutting common building materials e.g. saw, snips, hammer and bolster, shears and tilecutter.
3. (a) reading and interpreting simple drawings;
- (b) measuring, marking and cutting common building materials, e.g. polythene sheeting, felt damp proof course, roof felt, insulation felt, copper and lead sheeting, copper and steel pipes, facing and common bricks (including dense bricks), fairfaced and rough blocks, stoneware pipes, timber of various cross-sections, hardboard, insulation board, plasterboard, metal lath, stone (a soft and a hard stone), wall tiles and floor tiles.
4. basic reasons for jointing, bedding and fixing a range of common building materials which should come from those stated in 3(b), e.g.
 - (a) to give strength to brickwork;
 - (b) horizontal DPC to prevent upward transmission of dampness;
 - (c) plasterboard nailed correctly to retain its vertical position.

applying and fixing common building materials which should be taken from those stated in 3 (b), e.g.:

 - (a) fixing roofing felt by nailing to a small simulated roof structure;
 - (b) fixing insulation felt and plasterboard by nailing to a previously erected timber stud partition.
6. safety, safe practices and care in use of equipment should be an integral part of all module activities.

Suggested
Learning and
Teaching
Approaches

This should be a workshop and project area based module in which students can work singly or in pairs on student centred exercises. The work should be of an elementary standard and should be set with a view to motivating the student. The lecturer should demonstrate all practical activities. Examples of good practice should be shown wherever possible and site visits could be arranged for this purpose.

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 LO.

The following abbreviations are used below:

LO Learning Outcome

IA Instrument of Assessment

PC Performance Criteria

LO1 IA Practical exercise and observation
- 3 checklist for each LO.

PC The student to an acceptable standard and in an agreed time, where appropriate, correctly:

LO1 identifies the basic cutting methods used to cut common building materials.

LO2 selects the appropriate tools for cutting common building materials.

LO3 (a) interprets simple working drawings;
(b) measures, marks and cuts ten building materials from those listed in content.

LO4 IA Short answer test comprising five questions.

PC The student describes:

(a) for three different materials the method of jointing;
(b) for three different materials the method of bedding and fixing.

LO5 IA Practical exercise and observation checklist.

PC The student, to an acceptable standard and in an agreed time where appropriate, correctly:

applies and fixes ten different types of common building materials.

LO6 IA Observation checklist in conjunction with practical activities.

PC The student consistently:

- (a) wears all necessary clothing and equipment;
- (b) behaves in a manner appropriate to the working environment;
- (c) uses tools and equipment safely.