

curriculum descriptors

ENTERPRISE THROUGH CRAFT (ACCESS 1)

INTRODUCTION

Candidates who are working within Access 1, for whom a complete Access 1 unit is not appropriate, will focus on Learning Targets and their related Success Criteria at an Experiential, Awareness or Participation stage. Examples of targets are outlined in the descriptors that follow. These descriptors have been organised under the appropriate Access 1 unit title and then grouped using the Performance Criteria as the Learning Targets.

Each unit at Access 1 forms part of a set of units which are linked to a particular Access 2 unit.

GENERAL INFORMATION

Design, Engineering and Technology at Access 1 comprises six units:

- Enterprise Through Craft: Working with Craft Tools – Identifying Tools
- Enterprise Through Craft: Working with Craft Tools – Using Tools
- Enterprise Through Craft: Working with Craft Tools – Valuing Tools
- Enterprise Through Craft: Working with Craft Tools – Identifying Materials
- Enterprise Through Craft: Working with Craft Tools –Producing Artefacts
- Enterprise Through Craft: Working with Craft Tools –Health and Safety.

For candidates working within Access 1, examples of Success Criteria have been described for the ‘Introduction to Working with Tools’ and ‘Practical Craft Skills’ units. These units provide a range of useful targets for candidates working at this stage of learning.

RATIONALE

These units intend to offer candidates a range of experiences which will develop specific knowledge, understanding and practical experience in a creative and enjoyable context. They will give opportunities to develop fine motor skills, interpersonal skills and the understanding of the use of different tools and materials, highlighting the importance of safety and encouraging responsible attitudes. One of the most important aims of the units is to foster the real sense of achievement felt when a student has helped to create a completed item.

CONTENT

Access 1 unit: Enterprise Through Craft: Working with Craft Tools – Identifying Tools

Outcome: Identify the tools associated with practical craft skills.

This unit allows candidates to become familiar with a range of different tools and their purposes.

Access 1 unit: Enterprise Through Craft: Working with Craft Tools – Using Tools

Outcome: Use a range of tools safely.

Candidates will be given the opportunity to learn to use a limited range of tools correctly and safely.

Access 1 unit: Enterprise Through Craft: Working with Craft Tools – Valuing Tools

Outcome: Demonstrate that the value of tools in the practical environment is understood.

In this unit candidates will learn about selecting the correct tool for the job and the care and maintenance of tools.

CORE SKILLS

Learning targets within this unit particularly lend themselves to the development of the core skills of:

Communication

Problem Solving

Working with Others

Access 1 unit: Enterprise Through Craft: Practical Craft Skills – Identifying Materials

Outcome: Identify and prepare the materials suitable for two artefacts to be manufactured.

Candidates will become familiar with a range of materials used in manufacturing artefacts.

Access 1 unit: Enterprise Through Craft: Practical Craft Skills – Producing Artefacts

Outcome: Produce a range of artefacts in a learning situation.

This unit enables candidates to be involved in the different stages of producing artefacts.

Access 1 unit: Enterprise Through Craft: Practical Craft Skills – Health and Safety

Outcome: Carry out health and safety instructions.

This unit helps candidates to develop an awareness of the routines necessary for health and safety when producing artefacts.

CORE SKILLS

Learning targets within this unit particularly lend themselves to the development of the core skills:

Problem Solving

Communication

Working with Others

UNIT: ENTERPRISE THROUGH CRAFT: WORKING WITH CRAFT TOOLS – IDENTIFYING TOOLS

Outcome: Identify the tools associated with practical craft skills.

PC(a): Learning target: Tools used in the workshop are identified accurately.

Success Criteria

P: Participates in identifying selected tools.

A: Demonstrates awareness that certain objects are tools for craft activities.

E: Actively experiences activities involved in identifying tools.

PC(b): Learning target: The purpose for which the identified tools are used is stated correctly.

Success Criteria

P: Participates, with support, in identifying the purpose of one of the identified tools.

A: Demonstrates awareness that a particular tool is used for a specific task.

E: Actively experiences activities involved in identifying the purpose of specific tools.

UNIT: ENTERPRISE THROUGH CRAFT: WORKING WITH CRAFT TOOLS – USING TOOLS

Outcome: Use a range of tools safely.

PC(a): Learning target: The tools to perform given tasks are selected correctly from a limited range.

Success Criteria

P: Participates, with support, in selecting particular tools for a given task.

A: Demonstrates awareness that a particular tool is appropriate for a given task.

E: Actively experiences activities which require the selection of tools for specific tasks.

PC(b): Learning target: The selected tools are used in a correct and effective manner appropriate to the task.

Success Criteria

P: Participates, with support, in using tools and equipment appropriate to task.

A: Demonstrates awareness that tools must be used correctly.

E: Actively experiences activities involving the correct and effective use of tools.

PC(c): Learning target: The selected tools are properly cared for and stored correctly after use.

Success Criteria

P: Participates, with support, by caring for and returning tools safely to a specified area.

A: Demonstrates awareness that tools need to be cared for and stored safely.

E: Actively experiences caring for and correct storage of tools.

PC(d): Learning target: The use of selected tools complies with safe working practices specified for the learning environment and activity.

Success Criteria

P: Participates, with support, in following safe working practices specified for the learning environment and activity.

A: Demonstrates awareness that safe working practices for the learning environment and activity must be followed.

E: Actively experiences the safe working practices involved in using tools.

UNIT: ENTERPRISE THROUGH CRAFT: WORKING WITH CRAFT TOOLS – VALUING TOOLS

Outcome: Demonstrate that the value of tools in the practical environment is understood.

PC(a): Learning target: Awareness of the need to use the correct tool for a job is demonstrated.

Success Criteria

P: Participates.

A: Demonstrates.

E: Actively.

PC(b): Learning target: Awareness of the need for renewal, replacement and repair of tools is demonstrated.

Success Criteria

P: Participates.

A: Demonstrates.

E: Actively.

Range statement

Wide range of contexts giving access to a variety of activities and experiences.

Support should be given where necessary.

Evidence

- Observation Report completed by teacher/lecturer
- Checklist – tools/experiences
- Photographs of candidates' work
- Videos of candidates' work.

UNIT: ENTERPRISE THROUGH CRAFT: PRACTICAL CRAFT SKILLS – IDENTIFYING MATERIALS

Outcome: Identify and prepare materials suitable for two artefacts to be manufactured.

PC(a): Learning target: Materials essential to the activity are identified correctly.

Success Criteria

P: Participates, with support, in identifying materials essential for manufacturing a planned artefact.

A: Demonstrates awareness that certain given materials are suitable for creating artefacts.

E: Actively experiences involvement in activities identifying a variety of materials suitable for creating artefacts

PC(b): Learning target: The preparation of essential materials is demonstrated correctly.

Success Criteria

P: Participates, with support, in preparing essential materials for the manufacture of an artefact.

A: Demonstrates awareness of involvement in preparation of essential materials for a specific task.

E: Actively experiences the preparation of essential materials for the manufacture of an artefact.

UNIT: ENTERPRISE THROUGH CRAFT: PRACTICAL CRAFT SKILLS – PRODUCING ARTEFACTS

Outcome: Produce a range of artefacts in a learning situation.

PC(a): Learning target: Tools are used correctly in three stages of manufacture.

Success Criteria

P: Participates, with support, in using tools correctly at one stage of production.

A: Demonstrates awareness of the correct use of a familiar tool at one stage of production.

E: Actively experiences using tools in the production of an artefact.

PC(b): Learning target: The sequence of product manufacture is carried out correctly.

Success Criteria

P: Participates, with support, in following a simple sequence in the manufacturing of a familiar product.

A: Demonstrates awareness of different stages in the manufacture of a familiar product.

E: Actively experiences involvement in the different stages of product manufacture.

PC(c): Learning target: Two artefacts are constructed and assembled to a prescribed standard.

Success Criteria

P: Participates, with support, in constructing and assembling an artefact to a required standard.

A: Demonstrates awareness of involvement in the construction of an artefact to a given standard.

E: Actively experiences constructing and assembling an artefact.

UNIT: ENTERPRISE THROUGH CRAFT: PRACTICAL CRAFT SKILLS – HEALTH AND SAFETY

Outcome: Carry out health and safety instructions.

PC(a): Learning target: Health and safety instructions appropriate to the learning environment are carried out correctly.

Success Criteria

P: Participates, with support, in carrying out Health and safety instructions appropriate to the learning environment.

A: Demonstrates awareness of a familiar Health and safety instruction appropriate to the learning environment.

E: Actively experiences involvement in following a routine of Health and safety instructions appropriate to the learning environment.

PC(b): Learning target: Health and Safety instructions appropriate to allocated activities are carried out correctly.

Success Criteria

P: Participates, with support, in carrying out Health and safety instructions appropriate to a specific activity.

A: Demonstrates awareness of familiar Health and safety instructions appropriate to an allocated activity.

E: Actively experiences involvement in carrying out a routine of Health and safety practices appropriate to an allocated activity.

Range statement

There are no specific requirements as to the range of contexts within which the outcomes and performance criteria should be demonstrated.

An artefact may be a construction created by assembling a variety of environmental/waste materials, or it may be a construction/model made from papier mâché, plaster, clay, wood, etc.

Evidence

- The finished product(s)
- Observation report completed by teacher/lecturer
- Photographs/video evidence of candidates' work.

