SCOTTISH
QUALIFICATIONS
AUTHORITY

UNIT   Analysis of Hair and Scalp (Intermediate 2)

NUMBER   D05J 11

COURSE   This is a free standing unit which may be used as part of a Scottish Group Award or be associated with other programmes of study in schools, colleges of further education or other centres.

SUMMARY

The candidate will be able to describe the structure of the hair and scalp and the importance of accurate analysis of hair and scalp disorders and diseases before performing any hairdressing service.

OUTCOMES

1   Explain the reasons for hair and scalp analysis and related tests.
2   Explain the structure of the hair and scalp.
3   Determine characteristics of the client's hair and scalp through communication and observation.

RECOMMENDED ENTRY

Entry is at the discretion of the centre.

CREDIT VALUE

1 Credit at Intermediate 2.

CORE SKILLS

Information on the automatic certification of any core skills in this unit is published in *Automatic Certification of Core Skills in National Qualifications* (SQA, 1999).

Administrative Information

Additional copies of this specification can be purchased from the Scottish Qualifications Authority. The cost is £2.50.

National unit specification: statement of standards

UNIT   Analysis of Hair and Scalp (Intermediate 2)

Acceptable performance in this unit will be the satisfactory achievement of the standards set out in this part of the unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to the Scottish Qualifications Authority.

OUTCOME 1
Explain the reasons for hair and scalp analysis and related tests.

Performance Criteria
a)   The need for accurate analysis when selecting products and services is correctly explained.
b)   The importance of recognising adverse hair and scalp conditions which are compatible with hairdressing services is accurately explained.
c)   The importance of recognising infections and infestations and hair conditions not compatible with normal hairdressing services is accurately explained.
d)   When and to whom to refer to for advice is accurately explained.
e)   Methods of conducting tests are accurately explained.
f)   The responsibilities of individuals in relation to COSHH regulations are accurately explained.

Note on range for the outcome
Infections and infestations not compatible with hairdressing services: ringworm; impetigo; head lice; scabies.

Adverse skin and hair conditions compatible with hairdressing services: dandruff; oily hair/scalp; dry hair/scalp; chemically damaged hair; physically damaged hair; psoriasis; alopecia; cysts.

Contra-indications to chemical processes: severely damaged hair; active/angry psoriasis.

Tests: porosity; elasticity; skin test; strand; incompatibility.

Evidence Requirements
The candidate should supply written/oral evidence of understanding:

- hair and scalp conditions which can or can not be treated in the salon and the importance of correct identification of conditions before selecting products and services
- tests and how and when to conduct them
- individuals' responsibilities with regard to COSHH regulations.

Short answer questions would be appropriate.

National unit specification: statement of standards (cont)

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OUTCOME 2
Explain the structure of the hair and scalp.

Performance Criteria
a)   Various hair types are accurately identified.
b)   The growth cycle of hair is accurately described.
c)   The functions of hair and skin are accurately described.
d)   The pH of hair and skin is correctly stated and the significance of the pH value is correctly described.
e)   The structure of hair and skin is correctly explained.
f)   The structure of the cranium is accurately described.

Note on range for the outcome
Hair types: vellus; terminal; caucasian; asian; african-caribbean.

Growth cycle: anagen; catagen; telogen.

pH of hair and skin: acid; alkali; acid mantle.

pH values: scale; hair; skin; products.

Structure of the hair: cuticle; cortex; medulla; hair bulb.

Structure of skin: epidermis; dermis; subcutaneous; sudoriferous and sebaceous gland; arrector pili muscle; dermal papilla.

Bones of the cranium: frontal; parietal; temporal; occipital.

Evidence Requirements
The candidate should supply written or oral evidence of ability to describe the structure of the hair and scalp to cover all performance criteria and the full range.

Short answer questions would be appropriate.

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OUTCOME 3
Determine characteristics of the client's hair and scalp through communication and observation.

Performance Criteria
a)   The client is questioned effectively to identify historic factors influencing hair and scalp conditions.
b)   Hair and scalp conditions compatible with hairdressing services are correctly identified
c)   The client's head/face shape and characteristics are accurately identified.
d)   The client's hair growth pattern is accurately identified.
e)   The client's analysis sheets are completed accurately to contain all information.

Note on range for the outcome
Hair and scalp conditions: dandruff; oily hair/scalp; dry hair/scalp; chemically damaged hair; physically damaged hair; psoriasis; alopecia; cysts.

Head and face shapes: flat; square; oval; round; heart; diamond.

Facial characteristics: eyes; ears; nose; chin.

Hair growth patterns: natural hair fall; double crown; cow's lick; widow's peak; hair whorls.

Client analysis sheets: texture; porosity; elasticity; length; condition of hair and scalp.

Evidence Requirements
The candidate should supply performance evidence of ability to carry out the communication and observation process on a client.

The candidate should supply written evidence in the form of four completed client analysis sheets.

Where performance evidence is unavailable written/oral evidence should be presented to ensure full coverage of the range.

National unit specification: support notes

UNIT   Analysis of Hair and Scalp (Intermediate 2)

This part of the unit specification is offered as guidance. None of the sections of the support notes is mandatory.

GUIDANCE ON CONTENT AND CONTEXT
Corresponding to outcomes 1-3:

1   This outcome is the core to the underpinning knowledge required in the selection of all hairdressing products and services, it highlights the importance of identifying conditions which contra - indicate any hairdressing services.

         The candidate should be familiar with the various tests used before any chemical hairdressing services - when they may be required and how they are conducted.

         It should include knowledge of the candidate's responsibilities and the salon owner's responsibilities under COSHH regulations within the salon.

2   The candidate should be familiar with the various hair types and know the structure and the function of hair and scalp and examine it in relation to various hairdressing services.

         They should recognise the importance of the bone structure of the cranium and how it effects the head shape eg. occipital bone when cutting.

3   The candidate should recognise:

         •   various growth patterns and how they may affect hairdressing services:
         •   various head shapes and facial characteristics and how they affect the choice of hairstyling.

         Client analysis sheets should include hair: texture, porosity, elasticity, length and the condition of the hair and scalp.

GUIDANCE ON TEACHING AND LEARNING APPROACHES
Outcomes 1 and 2 are knowledge based and it is recommended that the candidate should acquire this knowledge through group work, discussion, workbooks, tutor notes and observation.

The lecturer/teacher should demonstrate how to use tactful communication skills required for consultation and analysis, this should be practised within the group.

The candidate should develop awareness of infections and infestations significant to provision of hairdressing services. The candidate at this level should not make any diagnosis of these conditions. The ability to know when and to whom to refer to for advice is important.

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When the lecturer/teacher is satisfied that the candidate has developed communication skills and is aware of what may be 'abnormal' hair and scalp conditions and is also familiar with the salon procedures for referral - then it is recommended that the candidate is assessed on outcome 3. This could be assessed concurrently with relevant outcomes from Shampoo and Condition Hair and Scalp and Setting and Finishing Hair.

The candidate should be encouraged to explore pH values - this could be combined with work in the unit Shampoo and Condition Hair and Scalp.

Group work should also be encouraged when practising the various tests in outcome 3.

GUIDANCE ON APPROACHES TO ASSESSMENT
It is recommended that assessment is integrated so far as possible. For example, written or oral questioning used to generate evidence for knowledge and understanding in one outcome could be combined with questioning on knowledge and understanding for other outcomes in this or other units.

The practical assessments for outcome 3 may be combined in the same assessment tasks which may also be used to assess practical outcomes from other units, especially Shampoo and Condition Hair and Scalp and Setting and Finishing Hair.

SPECIAL NEEDS

This unit specification is intended to ensure that there are no artificial barriers to learning or assessment. Special needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering alternative outcomes for units. For information on these, please refer to the SQA document *Guidance on Special Assessment and Certification Arrangements* (SQA, 1998).