

## BHAB311 Permanent Waving of Hair

ECTS Value: 6 ECTS  
Self-Study Hours: 72

Contact Hours: 30  
Assessment Hours: 48

### Module Description

In this module course participants will develop their understanding of the science of chemicals used in permanent waving and the effects they have on the structure of the hair. Through this module, they will develop the competences to demonstrate the winding of hair around perm rods, explain the three steps in permanent waving and demonstrate different winding techniques and the results that may be achieved.

### Overall Objectives and Outcomes

By the end of this module, the learner will be able to:

### Competences

- a) Demonstrate an ability to provide permanent waving service following appropriate standard procedures;
- b) Develop a comprehensive understanding of the scientific chemicals and processes of permanent waving;
- c) Critically evaluate the methods by which undesirable effects on the hair/scalp can be avoided.
- d) Create lessons encompassing both the creative as well as health and safety aspects of permanent waving of hair.

### Knowledge

- a) Establish the client's requirements and note previous treatments and refer to record cards as appropriate;
- b) Identify health and safety procedures during preparation and application of the perming service;
- c) Describe different tests required prior the perming process to support this analysis;
- d) Identify different materials and equipment used in the perming process;
- e) Explain the manufacturers' instructions of product before and during performance.
- f) Describe in detail the basic chemistry of permanent waving which involves a process of reduction and subsequent oxidation.

- g) Identify teaching approaches suitable for lessons related to the permanent waving of hair.

## Skills

- a) Evaluate the importance of verbal/non-verbal communication;
- b) Determine the appropriate shampoo before commencing the service;
- c) Demonstrate how to take clear, neat sections and sub- sections;
- d) Master how to wind each mesh evenly, without distortion or undue tension and ensure that the ends are smoothly wrapped around the curler;
- e) Ensure that the curlers are on the correct base for the chosen method winding and determine that the curler is fastened without tension or stress on the hair root;
- f) Ensure that each mesh is moistened with lotion and where applicable, after winding;
- g) Demonstrate how to test curl strength at frequent intervals during and after winding wave as appropriate;
- h) Establish the desired degree of curl development had been reached.
- i) Assess methodology adopted for the teaching, learning and assessment of permanent hair waving;
- j) Support students through feedback.

## Mode of Delivery

This module adopts a blended approach to teaching and learning. Information related to the structure and delivery of the module may be accessed through the IfE Portal. For further details, kindly refer to the Teaching, Learning and Assessment Policy and Procedures found on the Institute for Education's website.

## Assessment Methods

This module will be assessed through: Practical, Theoretical Assignment and Practical Tasks.

## Suggested Reading

### Core reading list

1. Bouillon, C. and Wilkinson, J. (2005). The Science of Hair Care. (2<sup>nd</sup> Edition). US: Taylor and Francis.
2. GoldsBro, J. and White, E. (2013). The Official Guide to Effective Teaching and Learning in Hairdressing. UK: Cengage Learning EMEA.
3. Halal, J. (2008). Hair Structure and Chemistry Simplified (5<sup>th</sup> Edition). US: Delmar.

4. Openshaw, F. (1999). Hairdressing Science. UK: Pearson Education Ltd.
5. Palladino, L. and Green, M. (2013). Hairdressing & Barbering: The foundations (NVQ): The Official Guide. UK: Cengage Learning Vocational
6. Zhang, Y., Alsop, R.J., Soomro, A., Yang, F. and Rheinstädter, M.C. (2015). Effect of Shampoo and Conditioner and Permanent waving on the molecular structure of human hair. Peer J. DOI 10.7717/peerj.1296

### Supplementary Reading List

1. Hockings, L. (2013). The City & Guilds Textbook: Level 3 VRQ Diploma in Hairdressing: includes Barbering (Vocational). UK: City & Guilds.
2. Hatton, P. (2006). Foundation Hairdressing: NVQ Level 2. UK: Longman Group.
3. TAFE SA (2019). Hair Science. Australia: TAFE SA Government of Australia.

### Suggested Online Resources

1. ABC Science: articles, documents and multimedia from ABA Science on hair;
2. Hair finder: Hairstyles, haircuts and fashion. Basics of hair care and hairstyling, as well as detailed information and cutting techniques to create many of today's most popular hairstyles;
3. Better Health Channel: Articles on factors affecting health hair and causes of condition.