

COURSE COS2070: PERMANENT WAVING 3 (HEAT-ASSISTED)

Level: Intermediate

Theme: Chemical Services: Permanent Waving

Prerequisites: COS1050 Permanent Waving I (The Physical Process)
COS1010 Personal Images

Description: Students use appropriate physical and chemical processes and products to perform heat-assisted permanent waves, and analyze the quality of the waves.

Parameters: Access to a professional hairstyling facility.

Note: Journeyman hairstylist qualification required.

Curriculum and Assessment Standards

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none">distinguish between:<ul style="list-style-type: none">procedures, technologies and effects of heat-assisted and cold permanent waving on the hair and scalptechnology and techniques used in heat-assisted waving and cold waving	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none">Concept Testing in which the student will:<ul style="list-style-type: none">given 25 test items relating to heat-assisted permanent waving, respond correctly to a minimum of 20 items. <p><i>Assessment Tool</i> <i>Board Exam Review for Cosmetology:</i></p> <ul style="list-style-type: none"><i>Permanent Waving</i>	20

COURSE COS2070: PERMANENT WAVING 3 (HEAT-ASSISTED) (continued)

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> section, block, wrap, wind and process hair, using available heat-assisted waving techniques, and protect the health and safety of a client, self and others 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> Process and Product in which the student will: <ul style="list-style-type: none"> perform one or more heat-assisted permanent waves: <ul style="list-style-type: none"> section 5 block 5 wrap 10 wind 20 lotion application 5 process check 10 neutralize 15 finish. 10 <p><i>Assessment Tool</i> <i>COSTAT2070: Permanent Waving 3 (Heat-assisted)</i></p>	
<ul style="list-style-type: none"> demonstrate basic competencies. 	<ul style="list-style-type: none"> Observations of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	Integrated throughout

Concept	Specific Outcomes	Notes
Heat-assisted Permanent Waving Processes	<p><i>The student should:</i></p> <ul style="list-style-type: none"> define the terms heat-assisted permanent waving and exothermic waving describe the advantages/disadvantages of heat waving compare heat-assisted waving with cold waving. 	
Origin and Development	<ul style="list-style-type: none"> identify and describe the origin of heat-assisted waving describe the historical and contemporary use of heat-assisted permanent waving and machineless methods of permanent waving. 	

MODULE COS2070: PERMANENT WAVING 3 (HEAT-ASSISTED) (continued)

Concept	Specific Learner Expectations	Notes
Chemistry of Heat-assisted Permanent Waving	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • distinguish among acid, acid balanced and alkali permanent waving lotions and their effects on hair structure • identify and describe how acid, acid balanced and alkali waving lotions are neutralized • identify the pH of waving chemicals that require external heat for processing • identify and describe heat sources used to activate waving lotions • describe the effects of alkali and acidic waving chemicals on the structure of hair. 	
The Physical Process	<ul style="list-style-type: none"> • identify and describe alternative physical processes used with heat-assisted waving technology • distinguish between the physical process used in heat-assisted permanent waving procedures and the physical process used when cold waving hair. 	
Performing a Heat-assisted Permanent Wave <ul style="list-style-type: none"> • Preparation • The Physical Process 	<ul style="list-style-type: none"> • list the steps to be performed before giving a heat-assisted wave • describe and demonstrate procedures used to determine suitability of scalp and hair for heat-assisted waving • describe and demonstrate hair brushing and cleansing activities required before giving a machine wave • describe and demonstrate procedures used in selecting heat-assisted waving rods and chemicals • section, block, wrap, wind and secure hair to achieve preferred waving effects 	

MODULE COS2070: PERMANENT WAVING 3 (HEAT-ASSISTED) (continued)

Concept	Specific Learner Expectations	Notes
<ul style="list-style-type: none"> • The Chemical Process • Completing the Heat-assisted Permanent Wave 	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • apply heat waving chemical to hair wound on rods • determine processing time (fixed/variable) • take test curl to assess degree and quality of curl • complete the chemical process as directed by the chemical manufacturer • protect the client from improper contact with heat-assisted waving chemicals at each stage of the chemical process • remove rods from hair without putting tension on hair • assess the quality and degree of curl achieved • apply finishing/conditioning rinse (if required) • prepare hair for forming and finishing. 	
<p>Keeping Records</p>	<ul style="list-style-type: none"> • establish a data base (e.g., record card) for each client • record details of sectioning pattern, rods and chemicals used and quality and degree of curl achieved when service is completed. 	
<p>Safety and Sanitation</p>	<ul style="list-style-type: none"> • identify and follow safe and sanitary practices including preventing scalp burns resulting from heat clamps, chemicals and improper winding • maintain a clean, safe work area • sanitize and return materials and technology to proper storage areas after use • dispose of unused chemicals and other waste materials in an environmentally safe manner. 	<p>Review local and provincial health and safety regulations.</p>