

COURSE COS2060: PERMANENT WAVING 2 (COLD WAVING)**Level:** Intermediate**Theme:** Chemical Services: Permanent Waving**Prerequisites:** COS1050 Permanent Waving 1 (The Physical Process)
COS1010 Personal Images**Description:** Students identify types of chemicals used to permanently wave hair and the relationship between the chemical process and the physical process. Students also analyze hair and combine the two processes to perform complete cold 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 techniques used to curl hair temporarily and permanently; describe the chemistry of cold waving, and the effects of cold waving chemicals on the hair and scalp 	<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 30 test items relating to cold waving, respond correctly to a minimum of 25 items. – determine pH of acid and alkaline permanent waving solution – describe effects of different pH levels on the hair and scalp. <p><i>Assessment Tool</i> <i>Board Exam Review for Cosmetology:</i></p> <ul style="list-style-type: none"> – <i>Permanent Waving</i> 	<p>25</p> <p>15</p> <p>20</p>

COURSE CS2060: PERMANENT WAVING 2 (COLD WAVING) (continued)

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • prepare and protect the client, self and others and perform basic physical and chemical cold waving processes in a safe and sanitary manner, and maintain records of materials used and results attained • demonstrate basic competencies. 	<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"> – prepare clients, analyze hair and scalp and perform one or more basic cold waves, including: <ul style="list-style-type: none"> • personal and workstation preparation • client preparation • hair and scalp analysis • wrap and process cold waves. <p><i>Assessment Tool</i> <i>COSTAT2060: Permanent Waving 2 (Cold Waving)</i> <i>COSSAT2060: Permanent Waving 2 (Cold Waving)</i></p> <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>	<p style="text-align: center;">40</p> <p style="text-align: right;">Integrated throughout</p>

Concept	Specific Outcomes	Notes
<p>Permanent Waving Techniques</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • define and describe the term permanent waving • identify techniques used to permanently wave hair • distinguish between cold waving and heat waving • identify and describe similarities among permanent waving techniques. 	

MODULE COS2060: PERMANENT WAVING 2 (COLD WAVING) (continued)

Concept	Specific Learner Expectations	Notes
Cold Waving Processes	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • describe the historical changes in permanent waving techniques • explain the relationships between the two processes used to cold wave hair: <ul style="list-style-type: none"> – physical process – chemical process • describe and demonstrate steps associated with each process. 	
Chemistry of Cold Waving	<ul style="list-style-type: none"> • identify types of products/chemicals used to permanently wave hair • explain the chemistry of permanent waving chemicals • identify and describe the chemical and physical actions of acid and alkali permanent waving chemicals and neutralizers on the hair and scalp • describe why the structure and condition of the hair and the scalp affects choices of: <ul style="list-style-type: none"> – permanent waving chemicals – neutralizing chemicals • describe the safety practices that must be followed: <ul style="list-style-type: none"> – before performing a cold wave – when using cold waving chemicals. 	
Curl Quality and Degree of Curl	<ul style="list-style-type: none"> • describe and demonstrate the relationship among size of section, diameter of permanent waving rods and degree of curl • identify and describe factors that may affect the quality and degree of curl including: <ul style="list-style-type: none"> – hair length – hair porosity – hair density – hair elasticity – chemically treated hair – sectioning, blocking, wrapping, winding, securing 	

