

COURSE COS3110: COLOURING 2 (PERMANENT)**Level:** Advanced**Theme:** Chemical Services: Haircolouring**Prerequisites:** COS2090 Colouring 1
COS1030 Hair & Scalp Care 1
COS1010 Personal Images**Description:** Students describe the purposes and principles of permanent haircolouring, identify permanent colouring products, their active ingredients and their effects on the hair and possible effects on the body, and demonstrate skin and strand testing and retouch and whole head colour applications.**Parameters:** Access to 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"> • identify and describe: <ul style="list-style-type: none"> – purposes, principles and types of permanent haircolouring | <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"> – prepare and present a report on permanent haircolouring (e.g., principles, products, procedures and safety practices). <p><i>Assessment Tool</i> <i>CTS Rubric: Presentation/Reports</i></p> | 20 |
| <ul style="list-style-type: none"> – products available to colour hair permanently – product selection, mixing and preparation processes – safety practices that must be followed when using permanent haircolours | <ul style="list-style-type: none"> – given 30 questions relating to permanent haircolouring, answer a minimum of 25 questions correctly. <p><i>Assessment Tool</i> <i>Board Exam Review for Cosmetology:</i></p> <ul style="list-style-type: none"> – <i>Haircolouring</i> | 25 |

COURSE COS3110: COLOURING 2 (PERMANENT) (continued)

| General Outcomes | Assessment Criteria and Conditions | Suggested Emphasis |
|--|---|--|
| <p><i>The student will:</i></p> <ul style="list-style-type: none"> • perform a variety of permanent haircolouring procedures including the application of: <ul style="list-style-type: none"> – coating dyes – aniline derivative tints • 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"> – demonstrate safe and sanitary practices when performing a minimum of two permanent haircolouring procedures. <p><i>Assessment Tool</i> <i>COSTAT3110: Colouring 2 (Permanent)</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;">55</p> <p style="text-align: center;">Integrated throughout</p> |

| Concept | Specific Outcomes | Notes |
|---------------------------------------|---|-------|
| <p>Permanent Haircolouring Agents</p> | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify and describe the advantages/ disadvantages among permanent haircolouring agents including: <ul style="list-style-type: none"> – oxidation tints – vegetable tints – metallic dyes – compound dyes • explain the relationship among terms used to describe oxidation tints; e.g.: <ul style="list-style-type: none"> – aniline derivative tints – penetrating tints – amino tints – synthetic—organic tints • explain the action of para-phenaline diamine and hydrogen peroxide in permanent haircolouring • compare the purpose of: <ul style="list-style-type: none"> – penetrating tints – coating dyes – fillers. | |

MODULE COS3110: COLOURING 2 (PERMANENT) (continued)

| Concept | Specific Learner Expectations | Notes |
|--|---|-------|
| <p>Permanent Haircolouring Processes</p> | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • describe the chemical and physical actions of tints on the hair structure and its natural colouring pigment, melanin • describe the purpose of: <ul style="list-style-type: none"> – a single-process tint – the double process • describe the major procedures to follow when providing: <ul style="list-style-type: none"> – a single-process tint – the double process. | |
| <p>Hair Analysis</p> | <ul style="list-style-type: none"> • identify and describe the chemical and physical characteristics of hair; e.g.: <ul style="list-style-type: none"> – virgin hair – white hair – grey hair – chemically treated hair – coloured hair – coated hair • describe and demonstrate techniques available to determine the suitability of hair for permanent haircolouring; e.g.: <ul style="list-style-type: none"> – physical tests – observation – strand tests • distinguish between hair that may/must not be treated with oxidation tints • explain the consequences of applying oxidation tint to hair coated with metallic or compound dyes • determine when and describe why a filler may be required. | |
| <p>Scalp Analysis</p> | <ul style="list-style-type: none"> • perform scalp analyses to determine their suitability to come into contact with oxidation tints • distinguish between negative (safe) and positive (unsafe) reactions to oxidation tints | |

MODULE COS3110: COLOURING 2 (PERMANENT) (continued)

| Concept | Specific Learner Expectations | Notes |
|--|---|-------|
| <ul style="list-style-type: none"> • Predisposition Tests | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • perform a predisposition test before each application of an oxidation tint. | |
| Client Analysis | <ul style="list-style-type: none"> • describe factors to be considered when selecting a permanent haircolour appropriate to each client's colouring. | |
| Formulating Colours | <ul style="list-style-type: none"> • identify and describe methods used by manufacturers to distinguish among oxidation tints in different colour ranges • describe and distinguish between colour level and base colour of oxidation tints • describe and explain criteria to be considered when selecting and formulating colours using oxidation tints. | |
| Selecting and Preparing Tints | <ul style="list-style-type: none"> • describe criteria to be considered when preparing: <ul style="list-style-type: none"> – fillers – single-process tints – tints used in the double process • select and mix appropriate tints with appropriate volumes and quantities of hydrogen peroxide to achieve desired colour changes on: <ul style="list-style-type: none"> – virgin coloured hair – grey hair – white hair – lightened hair (i.e., tint backs). | |
| Taking Strand Tests | <ul style="list-style-type: none"> • select appropriate strands, apply tint mixture, process and test for development of desired colour on each strand • check and record development time for hair on different areas of the head. | |

MODULE COS3110: COLOURING 2 (PERMANENT) (continued)

| Concept | Specific Learner Expectations | Notes |
|---------------------|---|--|
| Tint Applications | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • demonstrate safe and sanitary single-process tint application procedures including: <ul style="list-style-type: none"> – white/grey hair applications – virgin hair applications – short hair applications – long hair applications – retouch applications – tint backs • distinguish among single-process tint applications designed to: <ul style="list-style-type: none"> – lighten virgin hair – darken virgin hair. | Whenever possible, tint applications should be on live models. |
| Colouring Shampoos | <ul style="list-style-type: none"> • describe the purpose of colouring shampoos including: <ul style="list-style-type: none"> – highlighting shampoo tints – highlighting shampoos – soap caps • analyze and test the hair and scalp before recommending the application of a colouring shampoo • apply, process and strand test colour shampoos. | |
| The Double Process* | <ul style="list-style-type: none"> • describe the purpose and action of toners • explain the relationship between lightening and toning in the double process • analyze the hair and scalp to determine their suitability for double process services • determine and describe the foundations (e.g., porosity, colour level) required for selected toners to achieve desired haircolours. | |

*These concepts may also/alternatively be addressed in Colour Removal 2 (COS3120).

MODULE COS3110: COLOURING 2 (PERMANENT) (continued)

| Concept | Specific Learner Expectations | Notes |
|---|--|--|
| Removing Coating Dyes* | <p><i>The student should:</i></p> <ul style="list-style-type: none"> • describe and demonstrate techniques and products available to remove coating dyes • explain safeguards required following the removal of coating dyes. | |
| Keeping Records <ul style="list-style-type: none"> • Data Base • Release Form | <ul style="list-style-type: none"> • establish a data base for each “client” • update the data base with information on each service performed • describe the purpose of a release form and its legal significance • demonstrate strategies that encourage clients to sign release forms. | |
| Safety and Sanitation | <ul style="list-style-type: none"> • protect self and others by following manufacturer’s instructions for each permanent colour service • maintain a clean, safe work area • sanitize and return all implements and materials to their storage areas after use • dispose of waste materials in an environmentally safe manner. | Review local and provincial health and safety regulations. |

*These concepts may also/alternatively be addressed in Colour Removal 2 (COS3120).