

BARB 104: CHEMICAL SERVICES

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2025
Credits:	8.5
Total Contact Hours:	240
Lecture Hours :	120
Lab Hours:	120
Hours Arranged:	0
Outside of Class Hours:	240
Total Student Learning Hours:	480
Prerequisite:	BARB 101, BARB 102, BARB 103.
Strongly Recommended:	ENGL C1000.
Transferable to CSU:	No
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

This course includes technical and practical lab application of haircoloring and chemical texture services. Haircolor services shall include but not be limited to hair analysis, predisposition test and strand tests, formulation and mixing, categories of haircolor, coloring, bleaching, color removers. Chemical texture services shall include but not be limited to hair analysis, chemical straightening using sodium hydroxide and thioglycolic solutions, and chemical waving using acidic and alkaline solutions. 120 lecture hours, 120 lab hours.

Course Objectives

- Explain the chemistry behind hair color and chemical texture services.
- Identify the categories of color, their uses, formulating, and application.
- Identify the types of chemical relaxers, their uses, and application.
- Identify the types of permanent waves, their uses, and application.
- Explain color theory, underlying pigments, and levels.
- Perform haircolor, lightening, and chemical texture services on a client.

Major Course Content

1. Health and Safety for Chemical Services
2. Disinfection
3. Basic Chemistry
 - a. Properties of water and pH
 - b. Cosmetic preparations
4. Chemical Texture Services
 - a. Client consultation
 - b. Hair analysis
 - c. Chemistry of chemical texture services
 - d. Client consultation

- e. Permanent waving (ammonium thioglycolate, acid wave and alkaline waves)
 - f. Curl reformation
 - g. Chemical hair relaxing (sodium hydroxide and thioglycolic)
 - h. Texturizers and chemical blowouts
5. Haircoloring and Lightening
 - a. Structure of the hair
 - b. Client consultation
 - c. Hair analysis
 - d. Color theory
 - e. Categories of haircolor
 - f. Procedures and application
 - g. Special effects coloring/lightening
 - h. Corrective haircolor
 - i. Coloring mustaches and beards
 - j. Haircoloring/lightening safety and precautions

Lab Content

1. Client Consultation for Chemical Services
2. Chemical Texture Services
 - a. Permanent wave application
 - b. Wrapping techniques
 - c. Test curls
 - d. Permanent wave patterns
 - e. Chemical relaxer application (virgin and retouch)
 - f. Strand test
 - g. Curl reformation
 - h. Hair smoothing techniques
3. Haircoloring and Lightening
 - a. Predisposition test
 - b. Strand test
 - c. Semi permanent haircolor applications
 - d. Demi permanent haircolor applications
 - e. Permanent haircolor applications
 - f. Double-process haircolor applications
 - g. Highlights and lowlights
 - h. Color correction
 - i. Coloring mustaches and beards

Suggested Reading Other Than Required Textbook

Barber Society Magazine, Modern Salon Magazine, Behind the Chair Magazine

Examples of Required Writing Assignments

Check in questions, workbook chapters, vocabulary

Examples of Outside Assignments

Before and after haircolor transformation on a client, Perform a perm on a client.

Instruction Type(s)

Lab, Lecture