

**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Advanced Cosmetology Concepts I

**Prefix and Course Number:** COS 241

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

1. Define the effect of chemicals used in chemical texture services
2. Understand pH as it relates to chemical texture services
3. Define and identify the structure and composition of the nail
4. Define and identify the cell structure, skeletal, muscular and nervous systems and their function
5. Define and identify levels and tones in the hair
6. Define how to cover grey hair
7. Perform math including weighing, measuring, geometry, and chemistry as it pertains to course
8. Perform first aid as it relates to the salon

**COURSE OUTLINE:**

*NOT ALL TRAINING WILL BE ON MANNEQUINS. 50% OF TRAINING MAY BE DELIVERED ONLINE.*

- I. Advanced color
  - A. Double processing
  - B. Contributing pigment undertone
  - C. Law of color
  - D. Advanced lightener application
  - E. Safety and infection control
  - F. Advanced math as it relates to haircolor, measuring and weighing
- II. Anatomy
  - A. Cell structure and skeletal system
  - B. parts of a cell
  - C. bones throughout the body
- III. Anatomy
  - A. Muscular and nervous system
  - B. The muscles throughout the body
  - C. Nerves and the function of the nervous system
  - D. Circulatory system and its function
- IV. Advanced Chemical texturizing
  - A. Four chemical reactions that take place during permanent waving
  - B. Alkaline and true acid waves
  - C. Neutralization in permanent waving and chemical relaxing
  - D. Demonstrate safe and effective perm techniques
  - E. Thio relaxers

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- F. Hydroxide relaxers
- G. Relaxing techniques
- H. Keratin treatments
- V. Curl re-forming Electricity
  - A. Identify the nature of electricity and the two types of electricity
  - B. List electrical measurements
  - C. Principles of electrical equipment safety
  - D. Explain visible spectrum of light and invisible light
- VI. Review for final