Education and Training Academy

**Training Center**

**Course Name: Chemotherapy Course**

**Accreditation: Accredited by ANCC**

**COURSE OVERVIEW**

As chemotherapy management is essential in oncology care, nurses should be highly competent in administration and safety precaution in dealing with chemotherapy. This course aims to train staff nurses on chemotherapy safe administration. The eight-day course focuses on administration, safe handling, and dealing with side effects which might emerge during chemotherapy by providing participants with the underlying principles and review of safe practices related to administration and ongoing management of chemotherapy.

**TARGET AUDIENCE**

Staff nurse working with oncology patients.

**OBJECTIVES**

*At the end of this 8 days course, participants will be able to:*

• Differentiate between different cancer treatments modalities.

• Discuss the goals of chemotherapy treatment.

• Identify how the tumor response to chemotherapy is measured.

• Identify Chemotherapy safe handling measures for staff and patients.

• Discuss the cell life cycle, treatment effects and the activity associated with each cycle of cell division.

• List cytotoxic agents’ classification.

• List and discuss examples of chemotherapy drugs from each classification.

• Discuss chemotherapy protocols including BSA, ANC and Drug doses calculations.

• Discuss chemotherapy complications and management.

• Discuss the cytotoxic agents spill management.

• Identify chemotherapy side effects and their management.

• Provide patient family education about chemotherapy agents.

• Rationalize the development of combination drug protocols.

• Demonstrate chemotherapy competencies during chemotherapy administration procedures.

• Apply safe handling principles during chemotherapy administration procedures

**TEACHING STRATEGIES**

*The following blended learning approach will allow*

*Teaching learning methods utilized to assist participants in achieving course objectives include:*

• Power Point Presentations.

• Demonstration.

• Role play.

• Case studies.

• Group work