

# Common Course Outline

## MORS 112

### Embalming Practice I

1 Credit Hour

## The Community College of Baltimore County

### Description

**MORS 112 – 1 Credit – Embalming Laboratory I** offers an intensive study of the basic fundamentals in hands-on embalming laboratory; covers OSHA safe practices, case analysis, pre-embalming disinfection, posing features, selection of vessels, basics chemicals, signs of decomposition, arterial embalming, and post embalming care. Class will be held at the State Anatomy Board which is located at the University of Maryland at Baltimore campus.

**1 credit; 3 laboratory hours per week**

**Co-requisite: MORS 112**

**Prerequisites: MORS 106, BIOL 130, BIOL 245, and BIOL 25 with a C or better. A minimum of 45 lab hours is necessary to qualify for the National Board Examination. Students must take both MORS 112 and MORS 114 in the same semester Lab fee: \$900.00 per each class. MORS 112 and MORS 114 are two seven week courses that are offered in the same semester.**

### Overall Course Objectives

Upon completion of this course the student will be able to:

1. interpret and follow OSHA safe practices which includes theory and practical applications;
2. demonstrate proper protocol used to respect and care for the deceased;
3. explain and employ the concepts of sanitation and disinfection, types of temporary preservation, and initial restorative art practices;
4. apply the initial restorative art processes in pre-embalming;
5. define and use the necessary terminology to facilitate communication with members in funeral service and the public;
6. demonstrate the use of embalming instruments, equipment and sundries;
7. demonstrate the proper disposal of contaminated materials from the embalming process;
8. utilize the various methods of embalming;
9. distinguish the signs of decomposition and their implications to the embalming practice;
10. demonstrate competency in the application of the proper procedures and chemicals used with the specific case at hand;
11. use anatomical methods to select and raise vessels for the points of injection and drainage;
12. identify the signs of arterial fluid circulation; and
13. document the embalming techniques and procedures with written reports.

## **Major Topics**

- I. Safe embalming practices
  - a. OSHA regulations
  - b. Sharps
  - c. Personal protective equipment
- II. Respect and care for the deceased
  - a. Confidentiality
  - b. Professionalism
- III. Sanitation and disinfection
  - a. Primary
  - b. Concurrent
  - c. Terminal
- IV. Initial restorative art processes
  - a. Eye closure
  - b. Mouth closure
  - c. Primary positioning
- V. Embalming terminology
  - a. Anatomical
  - b. Instruments
  - c. Procedures
- VI. Embalming instruments
  - a. Selection
  - b. Application
- VII. Waste disposal
  - a. Medicinal devices
  - b. Biohazard waste
  - c. Medical waste
- VIII. Methods of temporary preservation
  - a. Arterial
  - b. Cavity
  - c. Hypodermic
  - d. Surface
- IX. Signs of decomposition
  - a. Color
  - b. Odor
  - c. Purge
  - d. Desquamation
  - e. Accumulated gases

- X. Preservative chemicals
  - a. Pre-injection
  - b. Co-injection
  - c. Arterial chemicals
  - d. Supplemental chemicals
  - e. Waterless embalming

- XI. Abduction of vessels
  - a. Arteries
  - b. Veins

- XII. Signs of arterial fluid injection
  - a. Distribution
  - b. Diffusion
  - c. Drainage

XIII. Embalming reports

### **Course Requirements**

#### **Grading:**

Upon successful completion of this laboratory, students will be able to complete each of the following;

1. utilization of safe embalming practices including personal protective equipment;
2. competencies employed in the embalming methods;
3. ability to select and raise vessels;
4. employ the various types of proper mouth closures;
5. respect and care shown for the of the deceased;
6. exhibit professionalism required while working with funeral service colleagues;
7. exhibit professional attitude.

**Grading Scale:** The following is the grading scale used in all mortuary science classes.

A = 92 – 100  
B = 85 – 91  
C = 78 – 84  
D = 70 – 77  
F = 0 – 69

### **Other Course Information**

This course is a requirement for an Associate in Applied Science in the Mortuary Science Curriculum, which, in the State of Maryland, is required to sit for the National Board Examination (NBE). The NBE is implemented by the International Conference of Funeral Service Examining Boards ([www.CFSEB.org](http://www.CFSEB.org)). The Mortuary Science Program is statewide designated by the Maryland State Board of Higher Education and is nationally accredited by the American Board of Funeral Service Education ([www.CFSEB.org](http://www.CFSEB.org)).

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

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